



COOLING CAPACITY: 17,400 TO 57,000 BTU/H HEATING CAPACITY: 17,000 TO 58,000 BTU/H

# ENERGY-EFFICIENT SPLIT SYSTEM HEAT PUMP 1½ TO 5 TONS



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### **Standard Features**

- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- · AHRI Certified; ETL Listed

### **Cabinet Features**

- Goodman® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)





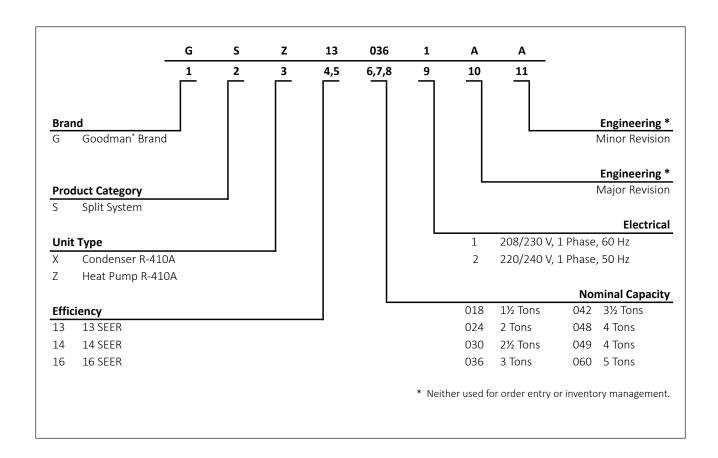








<sup>\*</sup> Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



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	GSZ13 0181A*	GSZ13 0241B*	GSZ13 0301A*	GSZ13 0361B*	GSZ13 0421A*	GSZ13 0481A*	GSZ13 0601A*
NOMINAL CAPACITIES	UISIA	02415	USUIA	03010	0421A	U-10IA	OOOIA
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	71	73	72	74	74	76	75
COMPRESSOR	, , ,	, ,	, , ,	, ,	, ,	, 0	, , ,
RLA	9.0	13.5	14.1	16.7	17.9	19.9	26.4
LRA	48.0	58.3	73.0	79.0	112.0	109.0	134.0
Type	Scroll						
CONDENSER FAN MOTOR	361011	361611	301011	361011	361011	361611	361011
Horsepower	1/6	1/8	1/6	1/4	1/4	1/4	1/4
FLA	0.70	0.70	1.10	1.26	1.26	1.26	1.50
REFRIGERATION SYSTEM	0.70	0.70	1.10	1.20	1.20	1.20	1.50
Refrigerant Line Size <sup>1</sup>							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/,"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7s"	1%"	11/8"	11/8"
Refrigerant Connection Size	/-	/-	/-	75	170	170	170
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	7s"	7s"	7s"
Valve Connection Type	Sweat						
Refrigerant Charge	109	99	124	128	149	204	231
Shipped with Orifice Size	0.051	0.057	0.065	0.071	0.074	0.078	0.088
ELECTRICAL DATA							
Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Minimum Circuit Ampacity <sup>2</sup>	12.4	17.5	18.7	22.1	23.6	26.1	34.5
Max. Overcurrent Protection <sup>3</sup>	20	25	30	35	40	45	60
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	½" or ¾"						
EQUIPMENT WEIGHT (LBS)	145	136	142	156	202	219	268
SHIP WEIGHT (LBS)	162	153	159	174	220	237	290

<sup>&</sup>lt;sup>1</sup> Tested and rated in accordance with ARI Standard 210/240

## Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply % " to 1% " adapters for suction line connections.
- Unit is charged with refrigerant for 15' of %" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

<sup>&</sup>lt;sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

<sup>&</sup>lt;sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Maintaine   Main					65	Ĭ.			75	9F			829	اي			95	_			$105^{\circ}$	ų,			1150		
California   Cal						1																	1		-CTT		
1.   1.   1.   1.   1.   1.   1.   1.													ENTER	NG INDC	OOR WE	T BULB T	EMPERA	TURE								-	i
0.73         0.77         0.64         0.75 <th< th=""><th> </th><th>AIRF</th><th>Web ABh</th><th>17.1</th><th>17.7</th><th>19.7</th><th>71</th><th>16.7</th><th>17.3</th><th>18.0</th><th>71</th><th>16.3</th><th>63 16.0</th><th>18 F</th><th>7.1</th><th>15.0</th><th>63</th><th>18.0</th><th>71</th><th>59 15.1</th><th></th><th>17.1</th><th></th><th></th><th>63  -  -  -</th><th><b>67</b></th><th>71</th></th<>	 	AIRF	Web ABh	17.1	17.7	19.7	71	16.7	17.3	18.0	71	16.3	63 16.0	18 F	7.1	15.0	63	18.0	71	59 15.1		17.1			63  -  -  -	<b>67</b>	71
1.   1.   1.   1.   1.   1.   1.   1.			T/S	0.74	0.62	0.43	-	0.77	0.64	0.45		0.79	0.66	0.46		0.82	0.68	0.47		0.85		0.49	,			0.49	1
1.1   1.34   1.37   1.44   1.4   1.45   1.45   1.56   1.45   1.55   1.			ΔT	17	15	11	1	17	15	11	-	17	15	11		18	15	12	-	17	15	11	1		14	11	1
1.   1.   1.   1.   1.   1.   1.   1.		675	≥	1.25	1.27	1.31	,	1.34	1.37	1.41	,	1.42	1.45	1.50	,	1.49	1.52	1.57	,	1.55	1.59	1.64	,		1.64	1.69	1
1.56   1.52   2.71   2.87   2.89   2.96   2.95   2.95   2.91   2.91   2.95	_		Amps	4.5	4.6	8.4	-	4.9	5.0	5.2	-	5.3	5.4	5.6	-	5.7	5.8	0.9	_	0.9	6.2	6.4	_	6.4	6.5	8.9	·
1.1.   1.1.			Hi PR	225	242	255	ı	252	271	287	1	287	309	326	1	327	352	371	1	367	395	418	-		437	461	1
188   1.   18.		•	Lo PR	109	116	126	1	115	122	133	1	119	127	139	1	125	133	146	-	131	140	152	1		144	158	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	<u> </u>		MBh	16.6	17.2	18.8	1	16.2	16.8	18.4	,	15.8	16.4	17.9	,	15.4	16.0	17.5	-	14.6	15.2	16.6	1			15.4	
1.   1.   1.   1.   1.   1.   1.   1.			S/T	0.71	0.59	0.41	1	0.73	0.61	0.43	1	0.75	0.63	0.44	,	0.78	0.65	0.45	1	0.81	0.67	0.47	_			0.47	1
1.50			ΔT	18	16	12	1	18	16	12	,	18	16	12	,	18	16	12	,	18	16	12	,	17	15	11	,
1.1.   1.1.	20	009	×	1.24	1.26	1.30	-	1.33	1.36	1.40	1	1.41	1.44	1.48	1	1.48	1.51	1.56	-	1.54	1.57	1.62	-			1.68	
123   1.   124   124   124   124   126   134   126   134   135   144   1.   135   144   1.   135   144   1.   135   144   1.   135   144   1.   135   144   1.   135   144   1.   135   145   1.   135   145   1.   135   145   1.   135   145   1.   135   145   1.   135   145   1.   135   145   1.   135   145   1.   1.   135   145   1.   135   145   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   135   1.   1.   1.   1.   1.   1.   1.   1			Amps	4.5	4.6	4.7	1	4.8	4.9	5.1	1	5.2	5.4	5.6	1	5.6	5.7	5.9	1	0.9	6.1	6.3	1	6.3	6.5	6.7	1
134   134   135   135   146   151   132     118   126   137     134   135   144   .   131   132     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146   135     146     135	_	_	Hi PR	222	239	253	,	250	569	284	-	284	306	323	-	323	348	368	-	364	392	413	_			457	·
174   - 1   4.9   15.5   16.9   - 1   4.6   15.1   16.5   - 1   4.7   16.1   - 1   17.5   18.5   14.0   15.3   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   14.0   15.5   15.5   14.0   15.5   1			Lo PR	108	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	
0.40 0,71 0.59 0.41 0,73 0.61 0.42 0,75 0.63 0.43 0,78 0.65 0.45 0.45 0.49 0.40 0.40 0.40 0.40 0.40 0.40 0.40	_		MBh	15.3	15.8	17.4	1	14.9	15.5	16.9	,	14.6	15.1	16.5	1	14.2	14.7	16.1	-	13.5	14.0	15.3	1			14.2	,
1.1.   1.1.	_		S/T	0.68	0.57	0.40	,	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78		0.45	<u> </u>			0.45	
1.27   1.30   1.32   1.36   1.36   1.36   1.46   1.45   1.47   1.47   1.52   1.50   1.53   1.58   1.58   1.59	_		ΔT	18	16	12	1	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	_	17	15	11	1
4,6         4,7         4,8         5,0          5,1         5,2         5,4          5,5         5,6         5,8          5,6         5,9         3,9         4,1         4,6         4,7         4,4         4,8         5,0          1,2         2,2         2,1         2,2         2,1         2,2         2,1         2,2         2,1         1,2		525	≷	1.21	1.23	1.27	1	1.30	1.32	1.36	,	1.38	1.40	1.45	,	1.44	1.47	1.52	,	1.50	1.53	1.58	-			1.64	1
144 14 14 14 14 14 14 14 14 14 14 14 14			Amps	4.3	4.5	4.6	1	4.7	4.8	5.0	1	5.1	5.2	5.4	,	5.5	5.6	5.8	-	5.8	5.9	6.1	,	6.1	6.3	6.5	1
1.1   1.1   1.2   1.2   1.1   1.2   1.2   1.2   1.3   1.2   1.3   1.4   1.5			Hi PR	216	232	245	1	242	261	275	ı	275	296	313	1	314	338	356	1	353	380	401	1		420	443	1
14.19   1.19			Lo PR	104	111	121	-	110	117	128	'	115	122	133	-	120	128	140	'	126	134	146	-			151	1
1932 20.74   16.94   17.44   18.87   20.26   16.53   17.02   18.43   19.78   19.51   17.95   19.51   1																											
0.57 0.37 0.88 0.78 0.59 0.38 0.90 0.80 0.61 0.39 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.90 0.90 0.30 0.30 0.30 0.30 0.30 0.83 0.63 0.40 0.96 0.86 0.65 0.42 0.90 0.30 0.30 0.30 0.30 0.30 0.30 0.40 0.30 0.80 0.78 0.80 0.30 0.30 0.30 0.30 0.30 0.30 0.3			MBh	17.34	17.85	19.32	20.74	16.94	17.44	18.87	20.26	16.53		18.43	19.78		16.61										16.98
1.5   1.0   2.0   1.9   1.5   1.1   2.0   1.9   1.5   1.1   2.0   1.5			S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	96.0	98.0					99.0	0.42
1.32 1.36 1.35 1.38 1.42 1.46 1.43 1.46 1.51 1.56 1.50 1.54 1.58 1.64 1.57 1.60 1.65 1.70 1.62 1.48 1.89 1.49 1.51 1.56 1.50 1.53 1.40 1.51 1.56 1.50 1.59 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50			ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18		10		17	14	10
4.8 5.0 4.9 5.0 5.2 5.4 5.3 5.5 5.7 5.9 5.7 5.9 5.7 5.9 6.0 6.3 6.4 6.7 6.4 6.2 6.4 6.7 6.4 6.7 6.4 6.2 6.4 6.7 6.4 6.7 6.4 6.7 6.4 6.7 6.4 6.2 6.4 6.4 6.7 6.4 6.4 6.7 6.4 6.2 6.4 6.4 6.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4		675	×	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.51	1.56	1.50	1.54	1.58	1.64	1.57	1.60		1.70		1.65	1.71	1.76
12.5   1.56   1.55   1.74   1.89   1.02   1.20   1.21   1.24   1.40			Amps	4.6	4.7	4.8	2.0	4.9	2.0	5.2	5.4	5.3	5.5	2.7	5.9	2.7	5.9	0.9	6.3	6.1	6.2		6.7	6.4	9.9	8.9	7.1
188 20.1 164 165 183 185 143 120 128 140 149 127 135 147 157 133 141 154 164 137 187 188 20.1 164 16.9 18.3 19.7 16.1 16.5 17.9 19.2 15.7 16.1 17.5 18.7 18.7 18.9 18.9 18.3 19.7 16.1 16.5 17.9 19.2 18.0 18.0 18.3 19.7 16.1 16.5 17.9 19.2 18.0 18.0 18.0 18.3 19.7 18.1 18.1 18.1 18.1 18.1 18.1 18.1 18			Hi PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399		440	410	441	466	486
18.8 20.1 16.4 16.9 18.3 19.7 16.1 16.5 17.9 19.2 15.7 16.1 17.5 18.7 18.9 15.3 16.6 17.8 13.8 13.8 19.0 16.1 18.3 19.7 16.1 16.5 17.9 19.2 15.3 16.1 17.5 18.7 18.9 19.2 18.9 19.9 18.3 19.7 18.1 18.1 18.1 18.1 18.1 18.1 18.1 18			Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	-	$\dashv$		146	159	170
0.55 0.35 0.34 0.84 0.75 0.57 0.36 0.86 0.77 0.58 0.37 0.88 0.79 0.60 0.38 0.92 0.82 0.60 0.90 0.90 0.90 0.90 0.90 0.90 0.90			MBh	16.8	17.3	18.8	20.1	16.4	16.9	18.3	19.7	16.1	16.5	17.9	19.2	15.7	16.1	17.5	18.7	14.9	15.3					15.4	16.5
1.31 1.35 1.34 1.37 1.41 1.45 1.42 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.45 1.50 1.54 1.55 1.57 1.62 1.55 1.59 1.64 1.69 1.61 1.61 1.55 1.54 1.55 1.54 1.55 1.54 1.55 1.55			Z/Z	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82					0.63	0.40
1.31 1.35 1.34 1.37 1.41 1.45 1.42 1.45 1.50 1.34 1.45 1.50 1.54 1.45 1.50 1.54 1.55 1.57 1.62 1.55 1.59 1.64 1.69 1.61 1.61 1.45 1.45 1.45 1.45 1.45 1.45 1.45 1.4	-		ΤΔ	21	19	16	11	21	19	16	11	21	19	16	11	21	50	16	11	21	19					12	10
4.6 4.9 4.9 5.0 5.2 5.3 5.4 5.0 5.8 5.4 5.0 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.0 5.0 5.2 5.1 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.0 5.2 5.3 5.4 5.2 5.3 5.3 5.4 5.2 5.3 5.3 5.4 5.2 5.3 5.3 5.3 5.4 5.2 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	<u>-</u>	000	X X	L. 25	1.27	1.31	1.35	1.34	L.3/	L.41	L.45	1.42	1.45	1.50	1.54	L.49	1.52	T.5/	79.1	L.55	L.59					1.69	T./5
17.2 18.6 15.2 15.6 16.9 18.2 18.3 14.2 17.3 18.5 18.5 18.3 18.6 17.3 18.6 18.5 18.3 18.6 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5			Hi Po	7.7 7.7	0.4	7.0 7.0 7.0 7.0	4.3 766	4.7 CTC	27.0	787	2.00	787	9.75 00.8	3.6	0.0	327	35.7	371	387	268	396		736		0.5	0.0	5. [8
15.3 18.6 15.2 15.6 16.9 18.2 14.8 15.3 16.5 17.7 14.5 14.8 16.1 17.3 18.7 14.1 15.3 16.4 12.7 15.3 18.6 15.3 18.6 17.7 14.5 14.8 16.1 17.3 18.7 14.1 15.3 16.4 12.7 15.3 18.6 17.7 14.8 16.1 17.3 18.7 14.1 15.3 18.4 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.6 18.5 18.5 18.6 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5			PR C	109	116	126	134	115	177	133	142	119	127	139	148	125	133	37 I 146	15.5	131	140		167		145	158	168
0.53 0.34 0.81 0.72 0.55 0.35 0.83 0.84 0.76 0.56 0.36 0.85 0.76 0.58 0.37 0.88 0.39 0.89 0.90 0.60 0.39 0.89 0.89 0.89 0.89 0.89 0.89 0.89 0.8			MBh	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.2	14.8	15.3	16.5	17.7	1	14.88	16.1	17.3	13.7	14.1		╁			14.2	15.2
16 11 21 20 16 11 21 20 16 11 21 20 16 11 22 20 16 11 22 20 16 11 21 20 16 11 20 16 11 20 16 11 20 16 11 20 10 10 11 20 10 10 11 20			S/T	0.78	69.0	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36		92.0	0.58	0.37	0.88	0.79					09.0	0.39
1.28 1.32 1.31 1.33 1.38 1.42 1.42 1.46 1.51 1.46 1.51 1.53 1.58 1.51 1.55 1.60 1.65 1.50 1.57 1.50 1.50 1.57 1.50 1.50 1.50 1.57 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50			ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20		11		18	15	10
4.6 4.8 4.7 4.9 5.0 5.2 5.3 5.5 5.7 5.5 5.6 5.8 6.0 6.9 6.0 6.2 6.4 6.2 6.2 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4		525	×	1.22	1.24	1.28	1.32	1.31	1.33	1.38	1.42	1.39	1.42	1.46	1.51	1.46	1.49	1.53	1.58	1.51	1.55		1.65		1.60	1.65	1.71
248         258         245         263         278         290         316         330         317         341         360         375         384         405         423         394           122         130         111         118         129         136         116         123         134         143         122         129         141         150         127         136         148         158         132           Shaded area reflects ACCA (TVA) Rating Conditions			Amps	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	0.9	5.9	0.9		6.4	6.2	6.4	9.9	8.9
122 130   111 118 129 138   116 123 134 143   122 129 141 150   127 136 148 158   132			Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384		423	394	424	448	467
Shaded area reflects ACCA (TVA) Rating Conditions			Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136		158	132	140	153	163
	)B: Enter	ring Indoo	or Dry Bu	Ih Tampi	aratiira								•		•												

												OL	ITDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	SATURE										
				65ºF	L			75ºF	J.			85≗F	بيا			95ºF				105ºF				115ºF		
												ENTERI	NG INDC	ENTERING INDOOR WET BULB	BULB TE	TEMPERATURE	URE									
IDB	AIRFLOW	wo	- 23	 89	29	71	29	63	29	11	29		29	7.1	_		<b>67</b>	71		63	_	71   5	29 (	_	_	71
		_	17.65	18.03	~	20.60	17.24	17.61	18.82	20.12	16.83	17.19		_	16.42	16.77 1	17.92		15.60 1	15.94 1	17.03 18	18.20   14			15.77 16.	16.86
			0.93	0.87	0.71	0.53	96.0	0.90	0.73	0.55	1.00	0.92	0.75	0.56		0.95	_			1.00	0.81 0	_	1.00 1.	1.00 0.	_	0.61
			22	21	19	15	23	22	19	15	23	22	19	15		22	19									14
	675	×	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57		1.55	1.60	_		1.61 1						1.78
	_		4.6	4.7	4.9	5.0	2.0	5.1	5.3	5.4	5.4	5.5	2.7	5.9		5.9	6.1									7.2
			229	247	261	272	257	277	292	305	293	315	333	347		359	379									491
		-	111	118	129	137	117	125	136	145	122	129	141	151				$\dashv$				$\dashv$				171
		_	17.1	17.5	18.7	20.0	16.7	17.1	18.3	19.5	16.3	16.7	17.8	19.1												16.4
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	_	0.91	0.74	0.55	1.00	0.94 (	0.77 0	0.57   1	1.00 0.1	0.95 0.	0.77 0.	0.58
		ΔT	23	22	19	15	23	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	21 2	21 1	18 1	15
80	009	××	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.51	1.56	1.50	1.54	1.59	1.64	1.57	1.60	1.65	1.70 1	1.62	1.65 1.	1.71 1.	1.76
	_	Amps	4.6	4.7	4.8	5.0	4.9	5.0	5.2	5.4	5.3	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	6.7	6.4 6	9.9	6.8 7	7.1
		Hi PR	227	244	258	569	255	274	290	302	290	312	329	343	330	355	375		371	400		440   4		441 4		486
		Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164   1	137 1	146 1	159 1	170
		MBh	15.8	16.2	17.3	18.5	15.4	15.8	16.9	18.0	15.1	15.4	16.5	17.6	14.7	15.0	16.1	17.2	14.0 1	14.3	15.3 1	16.3	12.9	13.2 14	14.1 15	15.1
		S/T (	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	69.0	0.52	0.93	0.88	0.71 (	0.53 0	0.97				0.98 0.	0.92 0.	0.75 0.	0.56
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20		22 2	21 1	18 1	15
	525	<u></u>	1.23	1.25	1.29	1.33	1.32	1.34	1.39	1.43	1.40	1.43	1.47	1.52	1.47	1.50	1.55	1.60		.0			1.58 1.	1.61 1.	_	1.72
	_	S	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7		5.7	5.9									6.9
			220	737	250	761	247	266	781	293	781	302	319	333		344	364	_						·		472
	_		106	113	127	137	117	120	121	130	117	107	126	) /   		121	173									1,1
		4	TOP	TT3	124	132	112	170	131	139	TT/	124	T30	145		131	T43	+				$\dashv$				60
		ADA 1	17.06	10.20	10 17	20.45	17 5 4	17 00	10 73	10 00	17 13	17 15	10.70	10 50	1 07 31	1 60 21	17 00 1	1 0001	15 07 1	1 01 31	16 04 1	10.07	11 70 11	1/ 00 15	71 60 16	16 74
					17.17	24.02	+C./1	17.00	77.01	17.70																t (
			0.97	0.94	0.85	69.0	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73			~								_	0.79
			24	23	22	19	24	24	22	19	23	24	22	19		23	23									18
	675	×	1.28	1.30	1.34	1.38	1.37	1.40	1.44	1.49	1.45	1.49	1.53	1.58		1.56	1.61		_	1.63	1.68 1	_	1.65 1	1.68 1.		1.79
	_		4.6	4.7	4.9	5.1	5.0	5.1	5.3	5.5	5.4	5.6	5.8	6.0		0.9	6.2					_				7.2
		Hi PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379 4	408	430 4	449 4	418 4	450 4	475 49	496
		Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167 1	140 1	149 1	163 1	173
		_	17.4	17.8	18.6	19.9	17.0	17.4	18.2	19.4	16.6	16.9	17.7	18.9	16.2						16.4				15.2 16	16.3
			0.93	0.89	0.81	0.65	96.0	0.93	0.84	0.68	0.98	0.95	0.86	0.70		~	•		1.00	1.00 (	01		1.00 1	1.00 0.	~	0.75
			25	24	23	20	25	25	23	20	25	25	23	20												19
82	009	<u>×</u>	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.48	1.44	1.47	1.52	1.57	1.52		1.60	1.65   1	1.58 1	1.61 1		_	1.63 1.	1.67 1.	1.72 1.	1.78
	_	Amps	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.4	5.4	5.5	5.7	5.9		5.9	6.1	6.3		6.3	6.5		6.5	6.7 6	6.9	7.2
		Hi PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375 4	404 4		444 4	414 4	446 4	471 49	491
	_	Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	148	158	134	143	156 1	166   1	139 1	147 1	161 17	171
		MBh	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.4	17.5	15.0 1	15.3	16.0	17.0   1	14.2	14.5	15.2		13.2	13.4 14	14.1 15	15.0
		S/T (	0.89	98.0	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72 1	1.00 0	0.99 0.	0.89 0.	0.72
		ΔT	25	25	23	20	25	25	24	21	26	25	24	21	26	25	24	21		25	24	20	23 2	23 2	22 1	19
	525	<u>×</u>	1.24	1.26	1.30	1.34	1.33	1.36	1.40	1.44	1.41	1.44	1.48	1.53	1.48	1.51	1.56	1.61	1.54	1.57	1.62	1.68 1	1.59	1.63 1.	1.68 1.	1.73
	_		4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	5.6	8.3		5.7	5.9	6.2		6.1	6.3		6.3		6.7 7.	7.0
		Hi PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367								457 47	476
		Lo PR	108	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161 1	134 1	143 1	156 16	166
IDB: Entering Indoor Dry Bulb Temperature	ing Indoo	or Dry Bulk	b Tempe	rature								S	haded ar	ea reflect	Shaded area reflects AHRI (TVA) Rating Conditions	VA) Ratin	ıg Conditi	ons					Σ	kW = Total system power	system po	ower
High and low pressures are measured at the liquid and suction service valves.	ow pressu	ures are n	neasure	d at the l	iquid an	d suctior	service \	/alves.													Amps	Amps = Outdoor unit amps (compressor + fan)	or unit an	nps (com	pressor +	- fan)

		AIRFLOV		9	5ºF			75	占			85º	F NG INDO	OR WET	BULB	95ºF				105º		+		115ºF	
National N		AIRFLOV										ENTERIN	AG INDO	OR WET	BULB	MPERAT	IIDE								
7.6         7.7         7.8         7.8         7.9         7.8         7.9         7.8         7.9         7.8         7.9         7.8         7.9         7.8 <th>6</th> <th>≥</th> <th></th> <th></th> <th>22</th> <th>7.7</th> <th>01</th> <th>23</th> <th>7.2</th> <th>7</th> <th>02</th> <th>C</th> <th>22</th> <th>7.1</th> <th>50</th> <th>- 23</th> <th>Car.</th> <th>1,7</th> <th>01</th> <th>63</th> <th>- 23</th> <th>- 12</th> <th></th> <th>_</th> <th>7</th>	6	≥			22	7.7	01	23	7.2	7	02	C	22	7.1	50	- 23	Car.	1,7	01	63	- 23	- 12		_	7
0.44         0.75         0.65         0.45         0.75         0.89         0.75         0.48         0.79         0.64         0.75         0.74         0.75         0.75         0.75         0.64         0.75         0.64         0.75 <th< th=""><th><u></u></th><th></th><th>۳ چ</th><th></th><th></th><th>1/</th><th>22.0</th><th>22.8</th><th>25.0</th><th>7</th><th>21.5</th><th>22.3</th><th>24.4</th><th>7,</th><th>-</th><th>21.7</th><th>23.8</th><th>1,</th><th>_</th><th>- ``</th><th>22.6</th><th>7 -</th><th><b>-</b> ``</th><th></th><th>21.0</th></th<>	<u></u>		۳ چ			1/	22.0	22.8	25.0	7	21.5	22.3	24.4	7,	-	21.7	23.8	1,	_	- ``	22.6	7 -	<b>-</b> ``		21.0
11   11   11   11   11   11   11   1	<u> </u>	S				1	0.78	0.65	0.45	1	0.80	0.67	0.46	-	_	69.0	J.48	-	_	Ŭ	0.50	-	Ŭ		0.50
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	<u>ത്</u> 					1	18	15	12	,	18	15	12	-		15	12	1			11				11
64         65         7         7         7         7         7         7         7         7         8         8         9         8         8         8         8         8         8         8         8         8         9         4         4         7         8         9         9         9         9         9         9         9         9         9         9         9         9		_				1	1.75	1.78	1.84	,	1.85	1.89	1.95	,		1.99	2.05	-			2.14	- 2			2.21
129         2. 52         2.76         2.1         3.1<		Ā				ı	6.5	6.7	6.9	1	7.1	7.3	7.5	1		7.8	8.0	1			8.5	<u>-</u>			0.6
120         109         116         127         114         121         120         120         126         127         114         121         121         121         121         121         121         121         121         121         122         124         122         124         121         122         124         121         121         121         122         121         121         121         122         124         121         121         122         121         121         122         121         121         122         121         121         122         121         122         121         122         121         122         121         122         121         122         121         121         121         121         121         121 <th></th> <th>Í</th> <th></th> <th></th> <th></th> <th>1</th> <th>256</th> <th>276</th> <th>291</th> <th>1</th> <th>291</th> <th>314</th> <th>331</th> <th>1</th> <th></th> <th>357</th> <th>377</th> <th>1</th> <th></th> <th></th> <th>424</th> <th>- 4</th> <th></th> <th>444 4</th> <th>469</th>		Í				1	256	276	291	1	291	314	331	1		357	377	1			424	- 4		444 4	469
4.8         1.14         2.2.4         3.9.4         1.15         2.14         2.2.4         2.2.4         3.9.4         1.14         2.2.2         2.4.3         1.0         2.3.4         1.0         2.2.4         2.2.4         3.0         2.14         2.2.4		- FC				ı	109	116	127	1	114	121	132	1		127	139	1			145	- 1			150
1.2         1.2         1.8         1.6         0.44         0.79         0.66         0.46         0.79         0.66         0.46         0.79         0.66         0.46         0.79         0.66         0.46         0.79         0.66         0.46         0.79         0.66         0.66         0.74         0.77         1.2         1.74         1.77         1.83         1.8         1.86         1.94         1.74         1.74         1.83         1.8         1.86         1.94         1.75         1.74         1.77         1.83         1.8         1.86         1.93         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.05         1.04         1.04         1.05         1.04         1.04         1.05         1.04         1.04         1.05         1.04         1.04         1.05         1.04         1.04         1.05         1.04         1.04         1.04 <th></th> <th>2</th> <th></th> <th></th> <th></th> <th>1</th> <th>21.4</th> <th>22.2</th> <th>24.3</th> <th>,</th> <th>20.9</th> <th>21.6</th> <th>23.7</th> <th>1</th> <th></th> <th></th> <th>23.1</th> <th>1</th> <th></th> <th></th> <th>22.0</th> <th>- 1.</th> <th></th> <th></th> <th>.3</th>		2				1	21.4	22.2	24.3	,	20.9	21.6	23.7	1			23.1	1			22.0	- 1.			.3
1.   1.   1.   1.   1.   1.   1.   1.		-S				1	0.74	0.62	0.43	1	0.76	0.64	0.44	1			0.46				0.47	-			0.48
1.70   1.   1.71   1.83   1.84   1.		7				1	18	16	12	1	18	16	12	,			12	-			12				1
1.   1.   1.   1.   1.   1.   1.   1.						1	1.74	1.77	1.83	-	1.84	1.88	1.94	-			2.04	,			2.12	- 2			2.19
254         254         254         254         254         254         254         273         288         310         328         32         310         328         420						ı	6.5	9.9	6.9	ı	7.0	7.2	7.4	1			8.0	1			8.5	-			0.
119   108   115   126   124   126   124   126   134   126   134   126   137   134   135   135		Ī				1	254	273	288	1	288	310	328	-		354	373	-			420	- 4			464
1.		- Lc				1	108	115	126	1	112	120	131	1		126	137	1			144	- 1			149
0.40         -         0.72         0.60         0.42         -         0.74         0.75         0.64         0.75         0.64         0.75         0.64         0.75         0.64         0.75         0.75         0.79         0.66         0.46         0.79         0.66         0.46         0.79         0.64         0.79         0.64         0.79         0.64         0.75<		_					19.7	20.4	22.4	,	19.3	20.0	21.9	-		19.5	21.3	-			20.3	- 1			18.8
1.   1.   1.   1.   1.   1.   1.   1.		S.				1	0.72	09.0	0.42	,	0.74	0.61	0.43	,			0.44	-			0.46	-			0.46
1.66   1.6   1.73   1.78   1.8   1.80   1.81   1.80   1.8   1.80   1.91   1.91   1.91   1.91   1.92   1.92   1.95   1.9		7			12	ı	19	16	12	,	19	16	12	1	19	16	12	1		16	12				11
1.   1.   1.   1.   1.   1.   1.   1.	<u>~</u>					1	1.69	1.73	1.78	_	1.80	1.83	1.89				1.99		•		2.07	- 2			2.14
449         46         266         280         280         318         49         343         362         359         386         407         -         349           115         115         115         115         127         115         115         123         -         128         407         -         134           155.4         116         112         1         116         117         1         115         120		Ar			6.2	ı	6.3	6.5	6.7	1	8.9	7.0	7.2	,	7.3	7.5	7.7	1			8.2	- -			8.7
115   116   117   118   118   119		Ī				ı	246	265	280	1	280	301	318	1		343	362	1			407	- 3			20
1.55.54 27.41 22.39 23.05 24.95 26.78 21.85 22.50 24.36 66.14 21.32 21.95 23.76 25.50 20.25 20.85 22.57 24.23 18.76 20.58 0.37 0.89 0.79 0.60 0.39 0.91 0.81 0.62 0.40 0.94 0.84 0.64 0.64 0.41 0.97 0.87 0.66 0.42 0.98 21.1 2.0 19 15 11 11 2.0 19 15 11 11 12 1.0 19 15 11 11 12 1.0 19 15 11 11 12 1.0 19 15 11 11 12 1.0 19 15 11 11 11 11 11 11 11 11 11 11 11 11		<u>۲</u>				1	105	112	122	-	109	116	127	-		122	133	-			139	-			144
1.55.4 1.74.1 1.23.3 1.30.5 1.49.5 1.40.7 1.40.1 1.																						_			
0.58         0.37         0.89         0.79         0.60         0.39         0.81         0.62         0.40         0.84         0.84         0.64         0.41         0.89         0.89         0.66         0.49         0.81         0.84 <th< th=""><th></th><th>_</th><th>—</th><th></th><th></th><th></th><th>_</th><th>23.05</th><th>24.95</th><th>26.78</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th>١, ١</th><th>—</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th>20.91 22.44</th></th<>		_	—				_	23.05	24.95	26.78				_			١, ١	—				_			20.91 22.44
15   10   20   19   15   11   12   11   12   11   13   13   14   15   14   15   15   15   15   15		S				0.37	0.89	0.79	0.60	0.39	0.91			0.40										~	_
1.73         1.78         1.76         1.80         1.85         1.91         1.87         1.91         1.97         2.03         1.96         2.04         2.04         2.04         2.09         2.14         2.15         2.23         2.03         1.95         2.03         1.95         2.04         1.97         2.03         1.99         1.91         1.97         2.03         1.99         1.91         1.91         1.91         1.92         2.94         3.77         3.43         3.84         3.81         3.97         3.74         4.06         4.29         4.74         1.75         1.79         1.72         1.32         1.32         1.40         1.40         1.40         1.40         1.40         1.70         1.74         1.75 <th< th=""><th></th><th></th><th></th><th></th><th></th><th>10</th><th>20</th><th>19</th><th>15</th><th>11</th><th>20</th><th></th><th></th><th>11</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>						10	20	19	15	11	20			11											
6.5         6.7         6.6         6.8         7.0         7.2         7.3         7.6         7.9         7.8         8.1         8.4         8.1         8.9         8.6         8.9 <th><u>ั</u></th> <th></th> <th></th> <th></th> <th></th> <th>1.78</th> <th>1.76</th> <th>1.80</th> <th>1.85</th> <th>1.91</th> <th>1.87</th> <th></th> <th></th> <th>2.03</th> <th></th> <th></th> <th></th> <th>_</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	<u>ั</u>					1.78	1.76	1.80	1.85	1.91	1.87			2.03				_							
262         273         259         279         397         334         349         335         361         381         397         377         406         429         447         417           24.8         266         21.7         22.4         317         115         122         133         142         121         128         140         149         126         134         417         156         131           24.8         266         21.7         22.4         26.0         21.2         21.8         25.4         20.7         21.3         24.8         19.7         20.2         21.9         23.1         24.8         19.7         20.2         21.9         21.2         21.8         20.9         0.80         0.90         0.80         0.90         0.90         0.91         0.93         0.93         0.83         18.2         18.2         18.2         18.2         19.9         1.90         1.90         0.90         0.90         0.91         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93         0.93		Ā				6.7	9.9	6.8	7.0	7.2	7.2			7.9											
124         126         117         128         137         115         122         133         142         121         128         140         149         126         134         147         156         131           24.8         26.6         21.7         22.4         26.0         21.2         21.8         23.6         25.4         20.7         21.3         20.3         0.89         0.89         0.80         0.61         0.39         0.83         0.63         0.80         0.80         0.61         0.39         0.83         0.63         0.80         0.61         0.89         0.89         0.89         0.61         0.93         0.83         0.63         0.80         0.61         0.93         0.83         0.63         0.60         0.94         0.89         0.69         0.89         0.69         0.61         0.89         0.61         0.93         0.83         0.63         0.40         0.94         0.94         0.93         0.89         0.93         0.89         0.93         0.89         0.93         0.89         0.93         0.89         0.93         0.89         0.93         0.89         0.93         0.89         0.89         0.89         0.89         0.89 <t< th=""><th></th><th>Ξ</th><th></th><th></th><th></th><th>273</th><th>259</th><th>279</th><th>294</th><th>307</th><th>294</th><th></th><th></th><th>349</th><th></th><th>361</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>474 494</th></t<>		Ξ				273	259	279	294	307	294			349		361									474 494
24.8         26.6         21.7         22.4         24.2         26.0         21.2         21.8         23.4         20.7         21.3         23.1         24.8         19.7         20.2         21.9         23.5         18.2           0.55         0.36         0.37         0.37         0.38         0.38         0.90         0.60         0.61         0.39         0.83         0.63         0.60         0.93         0.83         0.63         0.60         0.94         0.99         0.80         0.61         0.39         0.83         0.63         0.60         0.99         0.83         0.83         0.83         0.83         0.83         0.83         0.83         0.83         0.83         0.81         1.0         <		۲	$\dashv$	-			110	117	128	137	115			-	l			$\dashv$				$\dashv$			ł
0.55         0.36         0.87         0.87         0.78         0.59         0.38         0.50         0.61         0.39         0.83         0.63         0.84         0.69         0.61         0.39         0.83         0.63         0.84         0.69         0.84         0.61         0.39         0.83         0.63         0.64         0.64         0.64         0.84         0.75         0.78         0.78         0.79         0.61         0.39         0.83         0.83         0.63         0.64         0.64         0.64         0.64         0.65         0.77         1.73         1.75         1.89         1.95         2.02         1.99         2.05         2.13         0.83         0.83         0.83         0.84         0.73         0.78         0.78         0.79         0.80         0.81         2.03         0.79         0.79         0.78         0.79         0.78         0.79         0.78         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.78         0.79         0.79         0.78         0.79         0.79         0.79         0.79         0.78         0.79         0.78 <th< th=""><th></th><th>2</th><th></th><th></th><th></th><th></th><th>21.7</th><th>22.4</th><th>24.2</th><th>26.0</th><th>21.2</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>20.3 21.8</th></th<>		2					21.7	22.4	24.2	26.0	21.2														20.3 21.8
1.7.1 1.7.7 1.7.5 1.7.9 1.8.4 1.9.0 1.8.5 1.8.9 1.9.5 2.0.2 1.9.9 2.0.5 2.1.2 2.0.3 2.0.7 2.1.4 2.2.1 2.10 2.0 2.0.5 2.1.2 2.0.3 2.0.7 2.1.4 2.2.1 2.1.0 2.0 2.0.5 2.1.2 2.0.3 2.0.7 2.1.4 2.2.1 2.1.0 2.0 2.0.5 2.1.2 2.0.3 2.0.7 2.1.4 2.1.0 2.1.0 2.0.7 2.1.4 2.1.3 1.3.4 33.1 3.45 3.3.2 3.5.7 3.9.3 3.7.3 40.2 4.2.4 4.43 4.1.3 1.2. 1.2. 1.2. 1.2. 1.3. 1.3. 1.3.		J)				0.36	0.85	0.76	0.57	0.37	0.87														
1.71 1.77 1.75 1.79 1.84 1.90 1.85 1.89 1.95 2.02 1.95 2.05 2.12 2.03 2.07 2.14 2.21 2.10 2.10 2.0 2.1 2.10 2.0 2.1 2.10 2.0 2.1 2.10 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1						11	21	19	16	11	21			11											5 10
64         6.5         6.7         6.9         7.2         7.1         7.3         7.8         7.6         7.8         8.0         8.3         8.3         8.3         8.3         8.3         8.5         8.9         8.9         8.9         8.9         8.9         8.9         8.9         8.9         8.9         8.9         8.9         8.9						1.//	L./5	L./9	1.84	1.90 1.9	1.85			2.02											
120 128 109 116 127 135 114 121 132 141 119 127 139 148 125 133 145 155 129 129 120 128 109 116 127 135 141 121 132 141 119 127 139 148 125 133 145 155 129 129 120 128 109 116 117 124 180 125 128 129 129 120 128 129 129 120 120 120 120 120 120 120 120 120 120		₹ <u>=</u>				0.0	5.0	7.0	6.9 101	7.7	T./			X. / C											
22.9 24.6 20.1 20.7 22.4 24.0 19.6 20.2 21.8 23.4 19.1 19.7 21.3 22.9 18.2 18.7 20.2 21.7 16.8 0.53 0.34 0.82 0.73 0.55 0.36 0.84 0.75 0.57 0.36 0.86 0.77 0.58 0.38 0.90 0.80 0.61 0.39 0.90 0.50 1.6 1.1 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 20 1.94 2.00 2.07 1.98 2.02 2.09 2.15 2.05 0.25 0.25 2.63 2.45 0.56 0.57 0.58 0.38 0.90 0.80 0.61 0.39 0.90 0.90 0.90 0.90 0.90 0.90 0.90						128	109	116	127	135	114			141											150 160
0.53 0.34 0.82 0.73 0.55 0.36 0.84 0.75 0.57 0.36 0.86 0.77 0.58 0.38 0.90 0.80 0.61 0.39 0.90 0.90 0.61 0.39 0.90 0.90 0.50 0.50 0.90 0.60 0.90 0.60 0.90 0.90 0.90 0.9		i ≥	╀			24.6	20.1	20.7	22.4	24.0	19.6	20.2		╀				╁				╀			
16 11 22 20 16 11 122 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 20 10 10 10 10 10 10 10 10 10 10 10 10 10						0.34	0.82	0.73	0.55	0.36	0.84	0.75													
1.67         1.72         1.71         1.74         1.80         1.85         1.91         1.97         1.94         2.00         2.07         1.98         2.02         2.09         2.15         2.05           6.2         6.5         6.7         7.0         6.9         7.1         7.3         7.6         7.4         7.6         7.8         8.1         7.8         8.0         8.3         8.3         8.3           2.52         2.63         2.49         2.67         2.82         2.95         2.83         30.4         32.1         33.2         346         366         382         390         412         429         400           117         128         136         116         123         134         143         121         129         141         150         125           117         128         136         116         123         134         143         121         129         141         150         125		7			16	11	22	20	16	11	22	20	16												
6.2 6.5 6.4 6.5 6.7 7.0 6.9 7.1 7.3 7.6 7.4 7.6 7.8 8.1 7.8 8.0 8.3 8.6 8.3 8.5 8.3 8.3 8.5 8.3 8.5 8.3 8.5 8.3 8.5 8.3 8.5 8.3 8.5 8.3 8.5 8.3 8.5 8.	<u>~</u>					1.72	1.71	1.74	1.80	1.85	1.81	1.85	1.91	1.97										2.09 2.	2.16 2.23
252 263 249 267 282 295 283 304 321 335 322 346 366 382 362 390 412 429 400 117 124 106 113 123 131 110 117 128 136 116 123 134 143 121 129 141 150 125 125 124 106 113 123 134 143 121 129 141 150 125		Ā			6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8							8.5 8	8.8 9.1
117 124 106 113 123 131   110 117 128 136   116 123 134 143   121 129 141 150   125 137 124   126 125 125   127 129 141 150   125 125   127 128 128   128 12		<u> </u>				263	249	267	282	295	283	304	321	335		346	366			390					·
Shadad area reflecte ACCA (TVA) Battons		Lc	_		117	124	106	113	123	131	110	117	128	136	116	123	134	143		129		$\dashv$		133 1	146 155
ed reflects ACCA (TVA) natifig colliditions	B: Entering	Indoor I	Ory Bulb Te	mperature	a.							S	shaded are	ea reflect	ts ACCA (T	VA) Ratir	ιg Condit	ions					₹	<w =="" power<="" system="" th="" total=""><th>ystem p</th></w>	ystem p

Main	Main							Ī						Õ	JTD00R	AMBIE	<b>OUTDOOR AMBIENT TEMPERATURE</b>	ERATUR	יט									
Mile   23.3   23.4   24.7   27.2   27.9   23.8   24.8   26.9   27.7   27.2	Mail					65	9.F			75	J <sub>0</sub>			85	Ϋ́F			955	ΙŁ			105	₽₽			115	Ä.	
Mail 3.3 3.84 5.6 7 1.0 5.0 1.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	400         50         64         67         71         50         64         71         50         64         71         50         64         71         50         64         71         50         64         71         50         64         71         50         64         71         50         64         71         50         65         100         9													ENTERI	NG INDO	JOR WE	T BULB T	EMPERA	TURE									
900         MBH         23.3         23.8         5.4.7         27.2         2.4.8         2.6.9         1.0.0         6.9.9<	900         KMH         33.3         23.8         53.4         25.4         27.2         2	IDB	AIRFLO	wo	59	63	29	71	29	63	29	71	59	63	29	71	29	63	29	71	29	63	29	71	29	63		71
900         NY         634         0.88         0.72         0.54         0.89         0.75         0.79         0.89         0.79         0.89         0.7	500         May         0.54         0.88         0.72         0.54         0.89         0.75         0.89         0.89         0.72         0.84         0.85         0.75         0.89         0			MBh	23.33	23.84	25.47	27.22	22.79	23.28		26.59	22.24	22.73	24.28	25.96	21.70	22.17	23.69	25.32	20.62	21.07	22.51	24.06	19.10	19.51	20.85	22.29
900         KW         1.65         1.6         1.8         1.6 <th>900         KW         1.65         1.96         1.9<th></th><th>_</th><th>S/T</th><th>0.94</th><th>0.88</th><th>0.72</th><th>0.54</th><th>1.00</th><th>0.91</th><th></th><th>0.56</th><th>1.00</th><th>0.94</th><th>92.0</th><th>0.57</th><th>1.00</th><th>0.97</th><th>0.79</th><th>0.59</th><th>1.00</th><th>1.00</th><th>0.82</th><th>0.61</th><th>1.00</th><th>1.00</th><th>0.82</th><th>0.62</th></th>	900         KW         1.65         1.96         1.9 <th></th> <th>_</th> <th>S/T</th> <th>0.94</th> <th>0.88</th> <th>0.72</th> <th>0.54</th> <th>1.00</th> <th>0.91</th> <th></th> <th>0.56</th> <th>1.00</th> <th>0.94</th> <th>92.0</th> <th>0.57</th> <th>1.00</th> <th>0.97</th> <th>0.79</th> <th>0.59</th> <th>1.00</th> <th>1.00</th> <th>0.82</th> <th>0.61</th> <th>1.00</th> <th>1.00</th> <th>0.82</th> <th>0.62</th>		_	S/T	0.94	0.88	0.72	0.54	1.00	0.91		0.56	1.00	0.94	92.0	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
<ul> <li>Moh</li> <li>Moh</li></ul>	900         KW         165         1.69         1.74         1.79         1.89         1.89         1.89         1.89         2.05         2.05         2.01         2.01         2.04         2.01         2.01         2.04         2.01         2.04         2.01         2.01         2.02         2.02         2.03         2.04         2.0		_	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
<ul> <li>Marria G. E. G. G. G. G. G. G. S. G. G.</li></ul>	4 Mmbs         6.2         6.3         6.5         6.8         6.7         6.7         7.4         7.7         7.9         7.9         8.2         8.4         8.7         9.0         8.7         8.9         9.2         8.2         8.4         8.7         9.0         8.7         8.9         9.0         8.7         9.0         8.7         9.0         8.7         8.2         1.8         1.9         1.0         1.0         1.0         1.1         1.1         1.2         1.3         1.2         1.3         1.2         1.3         1.0         8.2         8.4         8.7         8.7         9.0         8.7         9.0         8.7         9.0         9.2<	<u></u>	_	≥	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	2.32
<ul> <li>HiP 123 251 265 276 212 281 281 297 310 297 320 338 352 39 364 385 401 431 410 433 452 421 453 479 159 130</li> <li>HiP 22 23 23 121 121 131 131 131 131 131 13</li></ul>	<ul> <li>40 Hi Pi 133</li> <li>45 Ga 15 Ga 15</li></ul>		_	Amps	6.2	6.3	6.5	8.9	6.7	8.9	7.0	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.5	9.6
<ul> <li>MBH</li> <li>ALONE</li> <li>AL</li></ul>	400         100         110         112         113 <th></th> <th></th> <td>Hi Pr</td> <td>233</td> <td>251</td> <td>265</td> <td>276</td> <td>261</td> <td>281</td> <td>297</td> <td>310</td> <td>297</td> <td>320</td> <td>338</td> <td>352</td> <td>339</td> <td>364</td> <td>385</td> <td>401</td> <td>381</td> <td>410</td> <td>433</td> <td>452</td> <td>421</td> <td>453</td> <td>478</td> <td>499</td>			Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	499
<ul> <li>MMBH 226 23.1 24.7 26.4 22.1 22.6 24.2 25.8 21.6 24.2 25.8 21.6 22.1 23.6 25.2 21.1 21.5 23.0 24.5 25.0 20.3 24.6 24.7 24.8 25.8 21.6 24.2 25.8 21.8 24.7 24.8 21.8 24.8 21.8 24.8 24.8 24.8 24.8 24.8 24.8 24.8 24</li></ul>	<ul> <li>MBH</li> <li>2.6.</li> <li>2.3.1</li> <li>2.4.2</li> <li>2.5.4</li> <li>2.5.5</li> <li>2.6.5</li> <li>2.7.5</li> <li>2.5.6</li> <li>2.7.5</li> <li>2.5.6</li> <li>2.5.7</li> <li>2.5.6</li> <li>2.5.7</li> <li>2.5.6</li> <li>2.5.7</li> <li>2.5.6</li> <li>2.5.7</li> <li>2.5.7</li> <li>2.5.8</li> <li>2.5.9</li> <li>2.5</li></ul>		_	Lo Pr	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163
800         6.84         0.68         0.61         0.84         0.68         0.69         0.78         0.79	800         NSA         0.684         0.694         0.894         0.7			MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
800         KW         1.64         1.65         1.64         1.87         1.91         1.64         2.4         2.3         2.0         1.6         2.4         2.3         2.0         1.6         2.4         2.3         2.0         1.6         2.4         2.3         2.0         1.6         2.4         2.3         2.0         1.6         2.4         2.3         2.0         1.6         2.4         1.6         1.7         2.0         2.	800         KW         1.64         1.65         1.64         1.87         1.91         1.64         2.3         2.0         1.6         2.0         1.6         2.0         1.6         2.0         1.6         2.0         1.6         2.0         1.6         2.0         1.6         2.0         1.6         1.6         2.0         1.6         2.0         1.6         1.6         1.6         1.8         1.9         1.9         2.0         2.			S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	96.0	0.78	0.58	1.00	96.0	0.78	0.59
800         KW         1.64         1.67         1.73         1.87         1.89         1.89         1.89         1.89         1.99         2.09         2.07         2.04         2.09         2.01         2.07         2.01         2.07         2.03         2.01         2.03         2.01         2.03         2.01         2.03         2.03         2.03         2.03         2.03         2.03         2.04         2.03         2.04         2.03         2.04         2.03         2.04         2.03         2.04         2.03         2.04         2.04         2.03         2.04         2.	800         KW         1.64         1.67         1.73         1.78         1.80         1.80         1.91         1.97         2.03         1.96         2.01         2.04         2.04         2.03         2.04         2.04         2.03         1.96         2.01         2.03         2.04         2.01         1.97         1.97         2.03         1.96         2.01         2.04         2.03         1.96         2.04         2.04         2.03         2.04         2.03         2.04         2.04         2.03         2.04         2.			ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15
Hilp Gill Gill Gill Gill Gill Gill Gill G	HiPi LoPi LoPi LoPi LoPi LoPi LoPi LoPi L	_	_	≷	1.64	1.67	1.73	1.78	1.76	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.01	2.07	2.14	2.04	2.09	2.16	2.23	2.11	2.16	2.23	2.30
HIPP G31 248 262 273 289 279 294 307 295 31 31 31 31 31 31 31 31 31 31 31 31 31	HiPr 631 248 262 273 289 279 294 307 294 317 335 349 335 341 381 381 381 381 381 381 381 381 381 38		_	Amps	6.1	6.3	6.5	6.7	9.9	8.9	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.8	8.1	8.4	8.1	8.3	9.8	6.8	9.8	∞. ∞.	9.1	9.5
MBh         6.0 s         1.1         1.21         1.29         1.1         1.2	MBH         6.05         1.14         1.25         1.24         1.25         1.24         1.25         1.24         1.25         1.24         1.25         1.25         1.24         1.25			Hi Pr	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	448	474	494
MBH 60.9 11.4 22.8 24.4 20.9 22.3 23.8 19.9 0.0.8 0.0.	MBh 20.9 21.4 22.8 24.4 20.9 22.3 23.8 19.9 20.4 21.8 23.3 19.4 19.9 21.2 22.7 18.5 18.9 20.7 18.7 17.5 18.7 18.7 18.7 24.7 10.8 21.8 22.8 24.4 20.9 22.3 23.8 19.9 20.8 20.8 20.8 20.8 21.8 21.8 21.8 21.8 21.8 21.8 21.8 21			Lo Pr	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
5/T 0.86 0.81 0.66 0.49 0.90 0.84 0.68 0.51 0.92 0.86 0.50 0.52 0.85 0.55 0.95 0.95 0.95 0.95 0.95 0.95 0.9	5/T 0.86 0.81 0.66 0.49 0.90 0.84 0.68 0.51 0.92 0.86 0.70 0.52 0.85 0.95 0.95 0.95 0.95 0.95 0.95 0.95 0.9			MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0
AT 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 23 20 16 24 24 24 24 24 24 24 24 24 24 24 24 25 25 25 27 27 27 27 27 27 27 27 27 27 27 27 27	AT			S/T	0.86	0.81	99.0	0.49	06.0	0.84	0.68	0.51	0.92	98.0	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	66.0	0.93	92.0	0.57
KW 1.60 1.64 1.69 1.74 1.72 1.76 1.81 1.87 1.83 1.86 1.92 1.98 1.95 2.05 2.08 2.08 2.04 2.10 2.17 2.06 2.11 2.17 2.17 2.17 2.17 2.17 2.17 2.17	KW         1.60         1.64         1.69         1.74         1.60         1.61         1.60         1.64         1.60         1.64         1.60         1.64         1.60         1.60         1.64         1.60         1			ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
6.0 6.1 6.3 6.5 6.4 6.6 6.8 7.0 7.0 7.1 7.4 7.6 7.6 7.7 7.5 7.9 8.2 7.9 8.1 8.4 8.7 8.4 8.6 8.9 8.9 2.4 241 254 265 251 270 285 298 286 307 324 338 325 350 370 385 366 394 416 434 404 435 459 459 101 108 118 125 107 114 124 132 111 118 129 138 117 124 136 145 123 130 142 152 127 135 147	6.0 6.1 6.3 6.5 6.5 6.4 6.6 6.8 7.0 7.0 7.1 7.4 7.6 7.6 7.5 7.9 8.2 7.9 8.1 8.4 8.7 8.4 8.6 8.9 8.9 8.9 8.1 8.4 8.7 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9 8.9		_	Š	1.60	1.64	1.69	1.74	1.72	1.76	1.81	1.87	1.83	1.86	1.92	1.98	1.92	1.96	2.02	2.08	1.99	2.04	2.10	2.17	2.06	2.11	2.17	2.25
224     241     254     265     251     270     285     298     286     307     324     338     325     350     370     385     366     394     416     434     435     459       101     108     118     125     107     114     124     132     117     124     136     145     123     130     142     152     135     147	224     241     254     265     251     270     285     298     286     307     324     338     355     350     370     385     366     394     416     434     404     435     459       101     108     118     125     111     118     129     138     117     124     136     123     130     142     152     137     135     147		<u> </u>	Amps	0.9	6.1	6.3	6.5	6.4	9.9	8.9	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	9.8	8.9	9.5
101 108 118 125   107 114 124 132   111 118 129 138   117 124 136 145   123 130 142 152   127 135 147	101 108 118 125 107 114 124 132 111 118 129 138 117 124 136 145 123 130 142 152 127 135 147 3			Hi Pr	224	241	254	265	251	270	285	298	286	307	324	338	325	350	370	385	366	394	416	434	404	435	459	479
			_	Lo Pr	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157

MB    13.74   24.19   12.54   27.03   21.8   24.75   26.40   22.5   23.05   24.15   25.45   23.05   24.15   25.45   23.05   24.15   25.45   23.05   24.15   25.45   23.05   24.15   24.15   25.45   24.15   25.45   24.15	25.34         27.03         33.48         23.63         24.75         26.40         22.63         23.07           0.86         0.70         1.00         0.98         0.89         0.72         1.00         1.00           22         1.9         2.4         2.2         1.9         2.3         2.4           1.75         1.81         1.79         1.83         1.88         1.94         1.90         1.00           267         6.8         6.7         6.9         7.1         7.4         7.3         2.5           267         2.8         2.84         300         313         300         32.3           124         1.32         113         120         131         139         117         125           246         2.62         2.2.9         2.40         2.6         2.7         2.7         2.7           248         2.05         2.40         2.5         2.7         2.7         2.7         2.7         2.7           25         2.2         2.2         2.2         2.3         2.0         2.2         2.2         2.2         2.2         2.2         2.2         2.2         2.2         2.2         2.2 <th></th>																											
0.86         0.70         0.89         0.89         0.72         1.00         0.91         0.74         1.00         1.00         0.98         0.89         0.72         1.00         0.91         0.74         1.00         1.00         0.94         0.75         1.00         0.91         0.74         1.00         1.00         0.94         0.75         1.00         0.94         0.75         1.00 <th< th=""><th>0.86         0.70         1.00         0.98         0.89         0.70         1.00         0.98         0.89         0.70         1.00         1.00         0.80         0.89         0.72         1.00         <td< th=""><th></th><th></th><th>MBh</th><th>23.74</th><th>24.19</th><th>25.34</th><th>27.03</th><th></th><th></th><th></th><th>_</th><th>22.63</th><th>23.07</th><th>24.16</th><th>25.78</th><th>22.08</th><th>22.51</th><th>23.57</th><th>25.15</th><th>20.98</th><th>21.38</th><th>22.39</th><th>23.89</th><th>19.43</th><th>19.81</th><th>20.</th><th>74</th></td<></th></th<>	0.86         0.70         1.00         0.98         0.89         0.70         1.00         0.98         0.89         0.70         1.00         1.00         0.80         0.89         0.72         1.00 <td< th=""><th></th><th></th><th>MBh</th><th>23.74</th><th>24.19</th><th>25.34</th><th>27.03</th><th></th><th></th><th></th><th>_</th><th>22.63</th><th>23.07</th><th>24.16</th><th>25.78</th><th>22.08</th><th>22.51</th><th>23.57</th><th>25.15</th><th>20.98</th><th>21.38</th><th>22.39</th><th>23.89</th><th>19.43</th><th>19.81</th><th>20.</th><th>74</th></td<>			MBh	23.74	24.19	25.34	27.03				_	22.63	23.07	24.16	25.78	22.08	22.51	23.57	25.15	20.98	21.38	22.39	23.89	19.43	19.81	20.	74
22         19         24         24         25         19         23         23         23         23         23         23         23         23         23         23         23         23         23         23         24         20         201         201         201         210         211         20         201	22         19         24         24         25         19         23         24           1.75         1.81         1.79         1.83         1.84         1.94         1.90         1.94           6.6         6.8         6.7         6.9         7.1         7.4         7.3         7.5           267         279         264         284         300         313         300         323           1124         132         113         120         131         139         117         125           24.6         26.2         22.5         22.9         24.0         25.6         22.0         22.0           23         20         25         22.9         24.0         25.6         100         0.96           23         20         25         23         23         20         25         25           24         1.79         1.78         1.81         1.81         1.88         1.92         25           25         26         25         23         23         20         25         25           265         6.8         6.7         6.8         7.0         7.3         7.2         7.4			S/T	0.98	0.95	98.0	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	ω
1.75         1.81         1.79         1.84         1.90         1.94         2.00         2.07         2.04         2.10         2.17         2.10         2.17         2.10         2.10         2.10         2.10         2.10         2.04         2.04         2.04         2.05         2.04         2.05         2.04         2.05         2.04         2.05         2.04         2.04         2.05         2.05 <th< td=""><th>1.75         1.81         1.79         1.83         1.88         1.94         1.90         1.94           6.6         6.8         6.7         6.9         7.1         7.4         7.3         7.5           267         279         264         284         300         313         300         323           1124         132         113         120         131         139         117         125           24.6         26.2         22.9         24.0         25.6         22.0         22.0           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         23         25         25         25           1.74         1.79         1.78         1.81         1.87         1.93         1.88         1.92           6.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         2.6         6.8         7.0         7.3         1.7         7.2         7.4           265         2.7         2.2         2.2         2.2         2.2         2.2         2.2</th><th></th><th></th><td>ΔT</td><td>24</td><td>23</td><td>22</td><td>19</td><td>24</td><td>24</td><td>22</td><td>19</td><td>23</td><td>24</td><td>22</td><td>19</td><td>23</td><td>23</td><td>23</td><td>20</td><td>21</td><td>22</td><td>22</td><td>19</td><td>20</td><td>20</td><td>21</td><td></td></th<>	1.75         1.81         1.79         1.83         1.88         1.94         1.90         1.94           6.6         6.8         6.7         6.9         7.1         7.4         7.3         7.5           267         279         264         284         300         313         300         323           1124         132         113         120         131         139         117         125           24.6         26.2         22.9         24.0         25.6         22.0         22.0           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         23         25         25         25           1.74         1.79         1.78         1.81         1.87         1.93         1.88         1.92           6.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         2.6         6.8         7.0         7.3         1.7         7.2         7.4           265         2.7         2.2         2.2         2.2         2.2         2.2         2.2			ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	
6.6 6.8 6.7 6.7 6.9 7.1 7.4 7.3 7.5 7.7 8.0 7.8 8.0 8.2 8.6 8.3 8.4 8.5 8.5 8.5 8.5 8.8 9.1 8.8 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	6.6         6.8         6.7         6.9         7.1         7.4         7.3         7.5           267         279         264         284         300         313         300         323           1124         132         113         120         131         139         117         125           24.6         26.2         22.5         22.9         24.0         25.6         22.0         22.0           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         23         25         25         25           1.74         1.79         1.78         1.81         1.87         1.93         1.88         1.92           6.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         2.76         26.1         281         297         310         297         320           265         2.6         2.6         6.9         7.1         1.2         27.2         27.2         27.2         27.2         27.2         27.2         27.2         27.2         27.2         <		900	≥	1.67	1.70	1.75	1.81	1.79	1.83	1.88	1.94	1.90	1.94	2.00	2.07	2.00	2.04	2.10	2.17	2.08	2.12	2.19	2.26	2.15	2.20	2.27	
246         284         306         313         341         356         342         368         389         405         385         414         437         456         459         405         389         405         389         405         389         405         389         405         389         405         389         405         405         139         139         117         125         136         143         150         139         139         139         139         139         149         405         139         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189         405         189 <th>267         279         264         284         300         313         300         323           114         132         113         120         131         139         117         125           24.6         26.2         22.5         22.9         24.0         25.6         22.0         22.4           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         20         25         25         25         23         20         25         25           6.5         6.8         6.7         6.8         7.0         7.3         1.88         1.92         25           56.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         276         261         281         297         310         297         320           267         26.1         281         297         310         297         320           27.1         27.2         27.2         27.2         27.2         27.2         27.2           27         26         25         24</th> <th></th> <th></th> <td>Amps</td> <td>6.2</td> <td>6.4</td> <td>9.9</td> <td>8.9</td> <td>6.7</td> <td>6.9</td> <td>7.1</td> <td>7.4</td> <td>7.3</td> <td>7.5</td> <td>7.7</td> <td>8.0</td> <td>7.8</td> <td>8.0</td> <td>8.2</td> <td>9.8</td> <td>8.3</td> <td>8.5</td> <td>8.8</td> <td>9.1</td> <td>8.8</td> <td>9.0</td> <td>9.3</td> <td></td>	267         279         264         284         300         313         300         323           114         132         113         120         131         139         117         125           24.6         26.2         22.5         22.9         24.0         25.6         22.0         22.4           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         20         25         25         25         23         20         25         25           6.5         6.8         6.7         6.8         7.0         7.3         1.88         1.92         25           56.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         276         261         281         297         310         297         320           267         26.1         281         297         310         297         320           27.1         27.2         27.2         27.2         27.2         27.2         27.2           27         26         25         24			Amps	6.2	6.4	9.9	8.9	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.2	9.8	8.3	8.5	8.8	9.1	8.8	9.0	9.3	
124 132 113 120 131 139 117 125 136 145 123 131 143 143 152 129 137 150 159 133 143 143 152 144 152 159 134 143 152 144 152 144 143 152 144 143 152 144 145 152 144 145 145 145 145 145 145 145 145 145	124         132         113         120         131         139         117         125           24,6         26,2         22.5         22.9         24.0         25.6         22.0         22.4           0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         23         20         25         20.3         20.3         20.3			Hi Pr	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	457	483	
24.6         26.2         22.5         22.6         22.6         22.6         22.6         22.6         22.6         22.6         22.7         23.6         24.6         26.6         25.6         22.6         22.6         22.9         22.9         22.9         24.6         26.9         27.0         22.9 <th< td=""><th>24,6         26,2         22.5         22.9         24.0         25.6         22.0         <th< th=""><th></th><th></th><td>Lo Pr</td><td>107</td><td>113</td><td>124</td><td>132</td><td>113</td><td>120</td><td>131</td><td>139</td><td>117</td><td>125</td><td>136</td><td>145</td><td>123</td><td>131</td><td>143</td><td>152</td><td>129</td><td>137</td><td>150</td><td>159</td><td>133</td><td>142</td><td>155</td><td></td></th<></th></th<>	24,6         26,2         22.5         22.9         24.0         25.6         22.0 <th< th=""><th></th><th></th><td>Lo Pr</td><td>107</td><td>113</td><td>124</td><td>132</td><td>113</td><td>120</td><td>131</td><td>139</td><td>117</td><td>125</td><td>136</td><td>145</td><td>123</td><td>131</td><td>143</td><td>152</td><td>129</td><td>137</td><td>150</td><td>159</td><td>133</td><td>142</td><td>155</td><td></td></th<>			Lo Pr	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	
0.82 0.66 0.97 0.94 0.85 0.69 1.00 0.96 0.87 0.71 1.00 0.99 0.90 0.73 1.00 0.93 0.76 1.00 0.99 0.70 1.00 0.99 0.90 0.70 1.00 0.99 0.90 0.70 1.00 0.99 0.90 0.70 1.00 0.99 0.90 0.70 1.00 0.99 0.90 0.70 1.00 0.99 0.70 1.00 0.99 0.70 1.00 0.99 0.70 1.00 0.99 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.90 0.90 0.90 0.90 0.90 0.9	0.82         0.66         0.97         0.94         0.85         0.69         1.00         0.96           23         20         25         25         23         20         25         25           1.74         1.79         1.78         1.81         1.87         1.93         1.88         1.92           6.5         6.8         6.7         6.8         7.0         7.3         1.2         2.7           265         276         261         281         297         310         297         320           123         131         112         119         130         138         116         123           22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.7           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93           24         20         26         25         24         21         26         25           24         20         26         25         24         21         26         25           25         26         6.6         6.5         6.6         6.9         7.1			MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	
23 2 20 25 25 25 23 20 25 25 23 20 25 23 20 25 25 24 20 25 24 20 25 24 20 25 24 20 25 25 24 20 25 24 20 25 24 20 25 24 20 25 24 24 24 25 25 25 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	23         20         25         23         20         25         23         20         25         23         20         25         25         23         20         25         27<			S/T	0.94	0.91	0.82	99.0	0.97	0.94	0.85	69.0	1.00	96.0	0.87	0.71	1.00	0.99	06.0	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	
1.74 1.79 1.78 1.81 1.87 1.93 1.88 1.92 1.98 2.05 1.98 2.05 2.15 2.15 2.15 2.15 2.15 2.17 2.17 2.14 2.13 2.15 2.15 2.18 2.18 2.19 2.18 2.18 2.19 2.19 2.19 2.19 2.19 2.19 2.19 2.19	1.74         1.79         1.78         1.81         1.87         1.93         1.88         1.92           6.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         276         261         281         297         310         297         320           123         131         112         119         130         138         116         123           22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.7           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93           24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.88         1.88         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         112         112         120			ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	
6.5 6.8 6.7 6.8 7.0 6.8 7.0 7.3 7.4 7.7 7.9 7.9 8.7 8.5 8.5 8.5 8.5 8.4 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	6.5         6.8         6.7         6.8         7.0         7.3         7.2         7.4           265         276         261         281         297         310         297         320           123         131         112         119         130         138         116         123           22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.7           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93           24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.88         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         127         120	82	800	Š	1.65	1.69	1.74	1.79	1.78	1.81	1.87	1.93	1.88	1.92	1.98	2.05	1.98	2.02	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.25	
265 276 261 281 281 287 310 297 310 297 320 338 352 389 364 385 401 381 410 433 452 421 421 421 421 422 421 422 421 422 421 422 421 422 421 422 422	265         276         261         281         297         310         297         320           123         131         112         119         130         138         116         123           22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.7           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93           24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         129         7.1         7.0         7.2			Amps	6.2	6.3	6.5	6.8	6.7	8.9	7.0	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.5	
123 131 112 119 130 138 116 123 135 135 143 120 130 141 151 151 151 152 148 158 135 135 135 143 152 130 141 151 151 151 151 135 148 158 135 135 135 135 135 135 135 135 135 135	123         131         112         119         130         138         116         123           22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.7           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93         20.7           24         20         26         25         24         21         26         25         25           1.70         1.75         1.77         1.83         1.88         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         134         112         120			Hi Pr	233	251	265	276	261	281	297	310	297	320	338	352	339	364	385	401	381	410	433	452	421	453	478	
22.7 24.2 20.8 21.2 22.2 23.7 20.3 20.7 21.7 23.1 19.8 20.2 21.1 22.5 18.8 19.2 20.1 21.4 17.4 17.7 17.8 1.0 2.0 2.0 2.1 21.4 17.5 17.0 2.0 2.0 2.0 2.1 21.4 17.7 17.8 1.0 2.0 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2	22.7         24.2         20.8         21.2         22.2         23.7         20.3         20.3           0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.93           24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.84         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         134         112         120			Lo Pr	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	
0.79 0.64 0.94 0.91 0.82 0.66 0.96 0.95 0.84 0.68 0.99 0.96 0.86 0.76 0.70 0.99 0.90 0.99 0.99 0.99 0.99 0.99	0.79         0.64         0.94         0.91         0.82         0.66         0.96         0.99         0.93           24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.84         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         112         112         120			MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	
24 20 26 25 24 21 28 1.88 1.84 1.88 1.94 2.0 1 26 25 24 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	24         20         26         25         24         21         26         25           1.70         1.75         1.73         1.77         1.83         1.88         1.84         1.88           6.3         6.6         6.5         6.6         6.9         7.1         7.0         7.2           257         268         254         273         288         301         288         310           119         127         108         115         126         134         112         120			S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	99.0	96.0	0.93	0.84	0.68	0.99	96.0	0.86	0.70	1.00	66.0	06.0	0.73	1.00	1.00	0.91	
1.70 1.75 1.73 1.77 1.83 1.88 1.84 1.88 1.94 2.00 1.93 1.97 2.04 2.10 2.05 2.12 2.19 2.09 2.08 6.3 6.6 6.5 6.9 7.1 7.0 7.2 7.4 7.7 7.5 7.5 7.9 8.2 8.0 8.2 8.5 8.8 8.5 2.5 2.3 2.3 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	1.70     1.75     1.73     1.77     1.88     1.84     1.88       6.3     6.6     6.5     6.6     6.9     7.1     7.0     7.2       257     268     254     273     288     301     288     310       119     127     108     115     126     134     112     120			ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	
6.3 6.6 6.5 6.6 6.9 7.1 7.0 7.2 7.4 7.7 7.5 7.7 7.9 8.2 8.0 8.2 8.5 8.8 8.5 8.5 8.5 8.5 8.5 8.8 8.5 25. 25. 25. 25. 25. 25. 25. 25. 25. 2	6.3     6.6     6.5     6.6     6.9     7.1     7.0     7.2       257     268     254     273     288     301     288     310       119     127     108     115     126     134     112     120		200	≥	1.62	1.65	1.70	1.75	1.73	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	
257 268 254 273 288 301 288 310 328 342 328 353 373 389 370 398 420 438 408 408 119 127 108 115 126 134 112 120 131 139 118 126 137 146 124 132 144 153 128 128 137 148 128 128	257 268 254 273 288 301 288 310 119 127 108 115 126 134 112 120			Amps	0.9	6.1	6.3	9.9	6.5	9.9	6.9	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	
119 127   108 115 126 134   112 120 131 139   118 126 137 146   124 132 144 153   128	119 127 108 115 126 134 112 120			Hi Pr	226	243	257	268	254	273	288	301	288	310	328	342	328	353	373	389	370	398	420	438	408	439	464	
Shaded area reflects AHRI (TVA) Rating Conditions				Lo Pr	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	
		IDB: Enter	ing Indo	or Dry Bu	ulb Temp	erature								01	shaded a	rea reflec	cts AHRI (	TVA) Rai	ting Cona	litions						kW = Tc	tal syster	

11   12   13   13   13   13   13   13	MBh   27.4   28.4     S/T   0.76   0.63     Amps   7.8   2.02     Amps   7.8   2.02     Hi PR   2.29   246     Lo PR   107   114     MBh   27.0   28.0     S/T   0.73   0.61     Amps   7.7   2.9     Hi PR   2.27   2.45     Lo PR   107   113     MBh   27.0   2.80     S/T   0.78   2.40     Lo PR   104   111     Lo PR   104   111     Lo PR   108   115     MBh   27.89   28.71     S/T   0.86   0.77     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     Lo PR   107   114     MBh   26.1   26.9     S/T   21   19     MBh   26.1   26.9     S/T   20.9     KW   1.96   2.00     Lo PR   107   114     Lo PR   107   114     AT   21   19     AT   21   20     AT   21   21     AT   21	67 71 31.1 - 0.44 - 1 11 2.08 - 2.08 - 2.08 - 1 124 - 1124 - 1 11 124 - 1 11 2 2.07 - 2.07 - 2.07 - 2.07 - 2.07 - 2.07 - 2.07 - 2.07 - 2.07 - 2.004 -		<u>8</u>	57   71 5.4 - 7.46 - 1.11 - 7.24 -	26.2	SING INDC 67 29.7	JOR WEI	r Bulb TE	95ºF MPERAT	URE 67			1059	7		9	1159	
Column   C	MBh   27.4   28.4     MBh   27.4   28.4     S/T   0.76   0.63     Amps   7.8   2.9     Hi PR   229   246     Lo PR   107   114     MBh   27.0   28.0     S/T   0.73   0.61     Amps   7.7   2.01     Amps   7.7   2.01     Amps   7.7   2.01     Hi PR   22.7   2.65     Amps   7.7   2.45     Lo PR   104   1.13     MBh   25.7   26.6     S/T   0.86   0.77     Amps   7.8   8.0     Hi PR   233   249     Lo PR   108   115     Lo PR   108   115     MBh   27.89   28.71     S/T   0.86   0.74     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     Amps   271   271     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     Amps   270   270     Amps   271   271     Amps   271   27	67 71 33.1.1 - 0.44 - 1 11 2.08 - 2.08 - 2.00 - 1.124 - 1.124 - 1.124 - 1.124 - 1.124 - 1.124 - 1.124 - 1.12 - 1.12 - 1.12 - 1.12 - 2.07 - 2.07 - 2.03 - 2.03 - 2.03 - 2.03 - 2.03 - 2.04 - 2.0			57   71 5.4	26.1 0.83	67 69.7	71 71 -	7 BULB TE 59	MPERAT 63	URE 67	71			7	7.		_	
91         71         268         718         71         72         72         73         73         73         74         74         75         74         75         75         74         75         75         74         74         75         75         74         7	MBh   27.4   28.4     S/T   0.76   0.63     Amps   7.8   2.20     Hi PR   229   246     Lo PR   107   114     MBh   27.0   28.0     S/T   0.73   0.61     Amps   7.7   7.9     Hi PR   227   245     Lo PR   1.97   1.13     MBh   25.7   26.6     S/T   0.78   2.45     Lo PR   1.98     Hi PR   227   245     Lo PR   1.98     MBh   27.89   28.71     S/T   0.86   0.77     Amps   7.8   8.0     Hi PR   231   249     Lo PR   1.98   1.15     MBh   27.5   28.3     S/T   0.83   0.74     MBh   27.5   28.3     S/T   0.83   0.74     MBh   26.1   26.9     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     MBh   26.1   26.9     S/T   20   18     MBh   26.1   26.9     S/T   20   0.71     Amps   27   21   19     Amps   27   27   26     Amps   27   27   27     Amps   27	33.1.1	_		7 7 7. 2.4 5 1.1	26.1 0.8;	<b>67</b>   29.7		_	_		7.1	_	_	, 	5			i
0.44         0.75         0.76 <th< th=""><th>1173 KW 1.98 2.02  Amps 7.8 7.9  Hi PR 229 246  Lo PR 107 114  MBh 27.0 28.0  S/T 0.70 28.0  S/T 0.70 28.0  Hi PR 227 245  Lo PR 106 113  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.8 8.0  Hi PR 21 12 12  Amps 7.8 8.0  Hi PR 21 12 12  Amps 7.8 8.0  Hi PR 22 28.3  Amps 7.8 8.0  Hi PR 23 240  Lo PR 104 111  Amps 7.8 8.0  Hi PR 23 240  Lo PR 109 107  Amps 7.8 8.0  Hi PR 23 240  Lo PR 109 115  Amps 7.8 8.0  Hi PR 23 240  Hi PR 23 240  Lo PR 109 115  Amps 7.8 8.0  Hi PR 23 240  Hi PR 240  Hi PR 240  Hi PR 25 260  Hi PR 25 26</th><th>0.44</th><th></th><th></th><th></th><th>0.8</th><th>1.07</th><th></th><th></th><th></th><th>29.0</th><th></th><th>-</th><th></th><th>7.5</th><th>77</th><th>-</th><th>_</th><th></th></th<>	1173 KW 1.98 2.02  Amps 7.8 7.9  Hi PR 229 246  Lo PR 107 114  MBh 27.0 28.0  S/T 0.70 28.0  S/T 0.70 28.0  Hi PR 227 245  Lo PR 106 113  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.8 8.0  Hi PR 21 12 12  Amps 7.8 8.0  Hi PR 21 12 12  Amps 7.8 8.0  Hi PR 22 28.3  Amps 7.8 8.0  Hi PR 23 240  Lo PR 104 111  Amps 7.8 8.0  Hi PR 23 240  Lo PR 109 107  Amps 7.8 8.0  Hi PR 23 240  Lo PR 109 115  Amps 7.8 8.0  Hi PR 23 240  Hi PR 23 240  Lo PR 109 115  Amps 7.8 8.0  Hi PR 23 240  Hi PR 240  Hi PR 240  Hi PR 25 260  Hi PR 25 26	0.44				0.8	1.07				29.0		-		7.5	77	-	_	
11         11<	1173 kW 1.98 2.02  Amps 7.8 7.9  Hi PR 229 246  Lo PR 107 114  MBh 27.0 28.0  S/T 0.73 0.61  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.7 7.9  Hi PR 223 240  Lo PR 106 113  MBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  AT 19 17  AT 19 17  AT 19 17  AT 20 28.3  S/T 0.86 0.77  AT 20 20.4  MBh 27.8 8.0  Hi PR 231 249  Lo PR 108 115  MBh 27.8 8.0  Hi PR 231 249  Lo PR 108 115  MBh 27.8 8.0  Hi PR 231 249  Hi PR 231 249  Hi PR 231 249  Lo PR 108 115  AMP 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0	11 - 2.08 - 2.08 - 2.08 - 2.00 - 2.00 - 2.00 - 2.00 - 2.07 - 2.07 - 2.07 - 2.07 - 2.00			L1	-	0.47				0.48	- 0			50	- 0.8	_		1
2.83         3.84         3.17         2.44         3.24         3.45 <th< th=""><th>1173 kW 1.98 2.02  Amps 7.8 7.9  Hi PR 229 246  Lo PR 107 114  MBh 27.0 28.0  S/T 0.73 0.61  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.8 8.0  Hi PR 223 240  Lo PR 106 113  MBh 27.89 28.71  S/T 0.86 0.77  Amps 7.8 8.0  Hi PR 231 249  Lo PR 106 115  Amps 7.8 8.0  Hi PR 233 249  Lo PR 106 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0</th><th>2.08 8.2 260 1124 30.7 1124 112 111 2.07 8.1 258 1123 25.1 20.40 20.4</th><th></th><th></th><th>.24 -</th><th>17</th><th>11</th><th></th><th></th><th></th><th>11</th><th>1</th><th></th><th></th><th>Ε.</th><th></th><th></th><th></th><th>1</th></th<>	1173 kW 1.98 2.02  Amps 7.8 7.9  Hi PR 229 246  Lo PR 107 114  MBh 27.0 28.0  S/T 0.73 0.61  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.8 8.0  Hi PR 223 240  Lo PR 106 113  MBh 27.89 28.71  S/T 0.86 0.77  Amps 7.8 8.0  Hi PR 231 249  Lo PR 106 115  Amps 7.8 8.0  Hi PR 233 249  Lo PR 106 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  Amps 7.8 8.0	2.08 8.2 260 1124 30.7 1124 112 111 2.07 8.1 258 1123 25.1 20.40 20.4			.24 -	17	11				11	1			Ε.				1
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1.20   1.15   1.20   1.20   2.2   2.2   3.14   33   2.5   3.3   3.8   3.8   3.8   4.03   4.5   4.03   4.5   4.04   4.15   1.20	Hi PR 229 246 Lo PR 107 114 MBh 27.0 28.0 S/T 0.73 0.61 Amps 7.7 7.9 Hi PR 227 245 Lo PR 106 113 MBh 25.7 26.6 S/T 0.70 0.58 Amps 7.6 7.8 Hi PR 223 240 Lo PR 106 113 MBh 27.89 28.71 S/T 0.86 0.77 AT 19 17 AT 20 204 Hi PR 231 249 Lo PR 108 115 S/T 0.86 0.77 AT 20 204 Hi PR 231 249 Lo PR 108 115 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0	260			8.3	0.6	9.5				10.2				8.0	- 10			•
134   1.5	LO PR   107   114     MBh   27.0   28.0     S/T   0.73   0.61     Amps   7.7   7.9     Hi PR   227   245     Lo PR   106   113     MBh   25.7   26.6     S/T   0.70   0.58     Amps   7.6   7.8     Hi PR   223   240     Lo PR   104   111     Lo PR   104   111     Amps   7.8   8.0     Hi PR   231   249     Lo PR   108   115     MBh   27.5   28.3     S/T   0.86   0.77     Amps   7.8   8.0     Hi PR   231   249     Lo PR   108   115     MBh   27.5   28.3     S/T   0.83   0.74     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     AT   21   19     AT   21   21   20     Amps   Amps   26.1   26.9     Amps   Amps   26.1   26.9     Amps   27.1   27.1     AT   21   19     AT   21   21   20.0     Amps   Amps   26.1   26.9     Amps   Amps   26.1   26.9     Amps   26.1   26.9     Amps   26.1   26.9     Amps   27.1   27.1     Amps   27.1     Amps   27.1     Amps   27.1     Amps   27.1     Amps   27.1	124 30.7 0.42 11 2.07 8.1 123 123 29.1			92 -	292	332	1			378	(1)			25	- 41			1
304         4         774         874	1050 kW 1.97 2.01  Amps 7.7 7.9  Hi PR 227 2.45  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.7 7.9  Amps 7.7 7.9  Amps 7.7 1.8  Amps 7.6 7.8  Hi PR 223 2.40  Lo PR 104 111  AT 19 17  AT 19 17  AT 19 17  AT 19 17  AT 20 2.03  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 231 2.49  Lo PR 108 115  Amps 7.8 8.0  Hi PR 230 2.47  Lo PR 107 114  MBh 26.1 26.9  S/T 0.79 0.71  Amps 7.8 8.0  Hi PR 230 2.47  Lo PR 107 114  Amps 7.8 8.0  Hi PR 230 2.47  Lo PR 107 114  Amps 7.8 8.0	30.7 - 0.42 - 11 - 2.07 - 8.1 - 2.58 - 1123 - 2.9.1 - 2.9.1 - 0.40 - 0.40			31 -	117	136	-			143	- 1			20	-   13			-
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17.         18. <th>1050 kW 1.97 2.01  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.6 7.8  Hi PR 223 240  Lo PR 104 111  AT 19 17  AT 20 28.3  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  AMB 27.5 28.3  S/T 0.83 0.74  AT 20 18  AMB 27.5 28.3  AMPS 7.8 8.0  Hi PR 231 249  Lo PR 108 115  AT 20 18  AMB 27.5 28.3  AMB 27.5 28.3  AMPS 27.5 28.3</th> <th>2.07 - 8.1 - 258 - 123 - 29.1 - 0.40 - 2</th> <th></th> <th></th> <th>- 11</th> <th>17</th> <th>11</th> <th>,</th> <th>18</th> <th>15</th> <th>12</th> <th></th> <th></th> <th></th> <th>T.</th> <th></th> <th></th> <th></th> <th>1</th>	1050 kW 1.97 2.01  Amps 7.7 7.9  Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.6 7.8  Hi PR 223 240  Lo PR 104 111  AT 19 17  AT 20 28.3  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  AMB 27.5 28.3  S/T 0.83 0.74  AT 20 18  AMB 27.5 28.3  AMPS 7.8 8.0  Hi PR 231 249  Lo PR 108 115  AT 20 18  AMB 27.5 28.3  AMB 27.5 28.3  AMPS 27.5 28.3	2.07 - 8.1 - 258 - 123 - 29.1 - 0.40 - 2			- 11	17	11	,	18	15	12				T.				1
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158         -         255         274         290         -         290         312         330         355         375         -         132         400         422         -         118           1231         -         116         116         124         135         -         122         375         255         286         -         146         -         128         3         4         -         128         136         -         139         345         -         127         252         258         28         -         128         16         -         127         0.04         -         129         126         0.04         -         129         126         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.0         0.04         0.04         0.0         0.04         0.04         0.0         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.04         <	Hi PR 227 245  Lo PR 106 113  MBh 25.7 26.6  S/T 0.70 0.58  Amps 7.6 7.8  Hi PR 223 240  Lo PR 104 111  AMBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  AT 19 17  AT 19 17  AT 20 2.03  Hi PR 231 249  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  AMBh 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  MBh 26.1 26.9  S/T 0.79 0.71  AMBh 26.1 26.9  S/T 0.79 0.71  AMBh 26.1 26.9  S/T 0.79 0.71  AMBh 26.1 26.9	258 - 123 - 29.1 - 0.40 - 1			8.	0.6	9.5	1			10.1				7.0	- 10			ı
133 - 112 119 130 - 1 116 124 135 - 1 12 130 142 - 1 13 140 - 1 13 141 141 141 141 141 141 141 141 14	Lo PR   106   113     MBh   25.7   26.6     S/T   0.70   0.58     Amps   7.6   7.8     Hi PR   223   240     Lo PR   104   111     AT   19   17     AT   19   17     AT   19   17     Lo PR   108   115     Lo PR   108   115     Lo PR   108   115     MBh   27.5   28.3     S/T   0.83   0.74     Amps   7.8   8.0     Hi PR   231   249     Lo PR   108   115     AT   20   18     Amps   7.8   8.0     Hi PR   230   247     Lo PR   107   114     MBh   26.1   26.9     S/T   0.79   0.71     AT   21   19     AT   21   21     AT   22   200     Attack   23   23     Attack   23   24     AT   21   21     AT   22   200     Attack   23	29.1 - 0.40 -			- 06	290	330	,			375	1			22	- 41			1
231         4.5         2.4.         2	927 kW 1.94 1.98 Amps 7.6 7.8 Hi PR 223 240 Lo PR 104 1111  1173 kW 2.00 2.04 Amps 7.8 8.0 Hi PR 231 249 Lo PR 104 111  AT 19 17 AT 19 17 AT 20 28.3 S/T 0.86 0.77 AT 20 2.03 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 AT 20 18 AMBh 27.5 28.3 S/T 0.83 0.74 AT 20 18 AT 20 18 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 AMBh 26.1 26.9 S/T 0.79 0.71 AMBh 26.1 26.9 S/T 0.79 0.71	29.1 - 0.40 -			30 -	116	135	1			142	- 1			49	- 13			1
0.40         -         0.72         0.60         0.42         -         0.73         0.74         0.75         0.74         0.74         0.75         0.74         0.74         0.75         0.74         0.74         0.75         0.74         0.74         0.75         0.75         0.75         0.75         0.75<	927 kW 1.94 1.98  Amps 7.6 7.8  Hi PR 223 240  Lo PR 104 111  MBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  AT 19 17  AT 19 17  AT 19 17  AT 20 2.03  Hi PR 231 249  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  Amps 7.8 8.0  MBh 27.5 28.3  S/T 0.83 0.74  AT 20 18  AT 20 18  Hi PR 230 247  Lo PR 107 114  MBh 26.1 26.9  S/T 0.79 0.71  AMBh 26.1 26.9	0.40			8.5	24.5	27.8	,			27.1	- 2			8.8	- 21			'
1.   1.   1.   1.   1.   1.   1.   1.	AT         18         15           Amps         7.6         7.8           Hi PR         223         240           Lo PR         104         111           MBh         27.89         28.71           S/T         0.86         0.77           Amps         7.8         8.0           Hi PR         231         249           Lo PR         108         115           MBh         27.5         28.3           S/T         0.83         0.74           Amps         7.8         8.0           Hi PR         230         247           Lo PR         107         114           MBh         26.1         26.9           S/T         0.79         0.71           Lo PR         107         114           MBh         26.1         26.9           S/T         0.79         0.71           Amps         7         0.79         0.71           Amps         7         0.79         0.71           Amps         7         0.79         0.71           Amps         7         0.79         0.71           Amps	0	18 2.08 8.2 250 110		.42 -	0.74	0.43	,			0.44	0			46	- 0.8			1
204         -         208         -         208         -         208         -         204         -         244         -         241         246         254         249         249         -         248         269         284         369         234         368         -         102         10	927         kW         1.94         1.98           Amps         7.6         7.8           Hi PR         223         240           Lo PR         104         111           MBh         27.89         28.71           S/T         0.86         0.77           Amps         7.8         8.0           Hi PR         231         249           Lo PR         108         115           MBh         27.5         28.3           S/T         0.83         0.74           Amps         7.8         8.0           Hi PR         230         247           Lo PR         107         114           Lo PR         107         114           MBh         26.1         26.9           S/T         0.79         0.71           Amps         5/T         0.79         0.71           Amps         5/T         0.79         0.71           Amps         7         0.79         0.71           Amps         0.79         0.71           Amps         20         20           Amps         20         20           Amps	- 71	2.08 8.2 250 110			18	12	1	18	16	12	-			.2	1			ı
8.0         8.2         8.6         9.6         9.3         9.4         9.6         9.9         9.9         9.3         9.4         9.6         9.9         9.9         9.3         9.4         9.6         9.9         9.9         9.3         9.9 <th>Hi PR 223 240 Lo PR 104 111  MBh 27.89 28.71 S/T 0.86 0.77 AT 19 17 AT 19 17 AT 19 17 Hi PR 231 249 Lo PR 108 115 MBh 27.5 28.3 S/T 0.83 0.74 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 AT 20 18 AT 20 114 AT 20 203 AT 20 203</th> <th>2.04 -</th> <th>8.2 250 110</th> <th></th> <th>. 19</th> <th>2.21</th> <th>2.32</th> <th>1</th> <th></th> <th></th> <th>2.44</th> <th>- 2</th> <th></th> <th></th> <th>54</th> <th>- 2.4</th> <th></th> <th></th> <th>1</th>	Hi PR 223 240 Lo PR 104 111  MBh 27.89 28.71 S/T 0.86 0.77 AT 19 17 AT 19 17 AT 19 17 Hi PR 231 249 Lo PR 108 115 MBh 27.5 28.3 S/T 0.83 0.74 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 AT 20 18 AT 20 114 AT 20 203	2.04 -	8.2 250 110		. 19	2.21	2.32	1			2.44	- 2			54	- 2.4			1
131         132 <th>Hi PR 223 240 Lo PR 104 111  MBh 27.89 28.71 S/T 0.86 0.77 AT 19 17 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 MBh 27.5 28.3 S/T 0.83 0.74 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 AM 27.5 28.3 S/T 0.83 0.74 AT 20 18 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AM 26.1 26.9 S/T 0.79 0.71 AM 26.1 26.9 S/T 0.79 0.71</th> <th>- 0.8</th> <th>250</th> <th></th> <th>- 9:</th> <th>8.</th> <th>9.3</th> <th>1</th> <th></th> <th></th> <th>6.6</th> <th>-</th> <th></th> <th></th> <th>3.5</th> <th>- 10</th> <th></th> <th></th> <th>1</th>	Hi PR 223 240 Lo PR 104 111  MBh 27.89 28.71 S/T 0.86 0.77 AT 19 17 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 MBh 27.5 28.3 S/T 0.83 0.74 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 AM 27.5 28.3 S/T 0.83 0.74 AT 20 18 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AM 26.1 26.9 S/T 0.79 0.71 AM 26.1 26.9 S/T 0.79 0.71	- 0.8	250		- 9:	8.	9.3	1			6.6	-			3.5	- 10			1
1.1   1.1   1.2	MBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  AT 20 18  AT 20 27  AT 20 18  AT 20 18  AT 20 18  AT 20 18  AT 20 27  AT 20 20	253 -	110		- 84	284	323	1			368	(1)			14	- 40			ı
1.08 3.3.6	MBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  AT 20 18  AT 20 18  AT 20 18  MBh 27.5 28.3  S/T 0.83 0.74  AT 20 18  MBh 27.5 28.3  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  MBh 26.1 26.9  S/T 0.79 0.71  AT 21 19  AT 21 19  AT 21 19  AT 21 19	121 -			- 28	114	133	ı			139	- 1			46	-   13			ı
1108 33.36 27.24 28.05 30.36 32.58 26.59 27.38 29.64 31.81 25.94 21.81 31.08 24.6 55.3 29.3 27.4 59.4 59.8 22.8 20.8 20.8 20.8 20.8 20.8 20.8 20	MBh 27.89 28.71  S/T 0.86 0.77  AT 19 17  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  MBh 27.5 28.3  S/T 0.83 0.74  AT 20 18  AT 20 18  AT 20 18  AT 20 18  MBh 27.5 28.3  AT 20 18  AT 20 27  AT 20 18  AT 20 27  AT 21 29  AT 21 29																		
0.59 0.38 0.90 0.80 0.61 0.39 0.92 0.82 0.62 0.40 0.95 0.85 0.64 0.41 0.98 0.88 0.67 0.43 0.99 0.89 0.48 0.49 0.49 0.49 0.49 0.49 0.48 0.49 0.49 0.49 0.49 0.49 0.49 0.49 0.49	1173 kW 2.00 2.04 Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 NBh 27.5 28.3 S/T 0.83 0.74 AT 20 18 1050 kW 1.99 2.03 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AMBh 26.1 26.9 S/T 0.79 0.71 AMBh 26.1 26.9 S/T 0.79 0.71 AMBh 26.1 26.9						29.64	31.81											
14         10         13         18         14         10         13         18         14         10         13         18         14         10         13         18         14         10         13         18         14         10         13         14         10         13         14         10         13         14         10         13         13         14         10         13         13         14         10         13         14         10         13         14         10         13         14         10         13         14         10         10         9.7         9.9         10         10         10         9.7         9.9         10         9.0         10         9.7         9.9         10         9.	1173 kW 2.00 2.04  Amps 7.8 8.0  Hi PR 231 249  Lo PR 108 115  WBh 27.5 28.3  S/T 0.83 0.74  ΔT 20 18  Amps 7.8 8.0  Hi PR 230 247  Lo PR 107 114  MBh 26.1 26.9  S/T 0.79 0.71  ΔT 20 18  WBh 26.1 26.9  S/T 0.79 0.71  ΔT 20 18  WBh 26.1 26.9		0.90			_	0.62	0.40											
2.10         2.14         2.19         2.25         2.33         2.27         2.32         2.49         2.49         2.51         2.59         2.49         2.51         2.59         2.49         2.51         2.59         2.49         2.51         2.59         2.49         2.51         2.39         2.44         2.51         2.59         2.79         2.59         2.79         2.59         2.79         2.59         2.79         2.59         2.79         2.59         2.79         2.59         2.79         2.79         2.79         3.79         3.75         3.75         3.79         4.79         4.79         4.79         3.79         3.79         3.79         4.79         4.79         3.79 <th< th=""><th>1173         kW         2.00         2.04           Amps         7.8         8.0           Hi PR         231         249           Lo PR         108         115           MBh         27.5         28.3           S/T         0.83         0.74           AT         20         18           Amps         7.8         8.0           Hi PR         230         247           Lo PR         107         114           MBh         26.1         26.9           S/T         0.79         0.71           AT         21         19           AMP         26.1         26.9           KW         1.96         2.00</th><th></th><th>19</th><th></th><th></th><th></th><th>14</th><th>10</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>6</th></th<>	1173         kW         2.00         2.04           Amps         7.8         8.0           Hi PR         231         249           Lo PR         108         115           MBh         27.5         28.3           S/T         0.83         0.74           AT         20         18           Amps         7.8         8.0           Hi PR         230         247           Lo PR         107         114           MBh         26.1         26.9           S/T         0.79         0.71           AT         21         19           AMP         26.1         26.9           KW         1.96         2.00		19				14	10											6
8.2 8.5 8.4 8.6 8.9 9.2 9.1 9.3 9.5 10.3 9.5 10.0 9.7 9.9 9.9 10.3 10.6 10.3 10.5 10.5 10.9 11.3 10.9 11.3 10.5 10.5 12.3 13.5 10.5 12.3 13.5 12.3 13.5 12.3 13.5 12.3 13.5 12.3 13.5 12.3 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13	Amps 7.8 8.0 Hi PR 231 249 Lo PR 108 115 MBh 27.5 28.3 S/T 0.83 0.74		2.14				2.39	2.47											
263         279         279         295         317         355         350         362         382         398         378         404         430         448         418           306         133         114         121         132         141         112         132         141         121         132         141         121         132         141         121         132         141         121         132         141         121         132         141         121         132         141         121         132         142         152         145         152         143         143         149         151         161         130         152         26.3	HIPR 231 249 LOPR 108 115 MBh 27.5 28.3 S/T 0.83 0.74 AT 20 18 Amps 7.8 8.0 HIPR 230 247 LOPR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AT 21 19 AT 21 19		8.4				9.6	10.0											
125 133 114 121 132 141 118 126 138 147 124 132 145 154 130 139 151 151 151 135 30.6 3.0 3.0 3.0 3.1 3.1 4 12 132 141 118 126 13.0 31.3 5.6 31.3 5.6 3.0 4.3 5.0 5.0 3.0 5.0 31.3 5.0 5.0 31.3 5.0 5.0 5.0 31.3 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	MBh 27.5 28.3 S/T 0.83 0.74 AZ 20 18 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 4 AZ 21 19 AZ 21 19 AZ 21 KW 1.96 2.00		259				335	350											495
30.6         3.2,9         26.8         27.0         29.2         31.3         25.6         28.5         30.6         24.3         25.0         27.0         29.2         31.3         25.6         28.5         30.6         24.3         25.0         27.0         29.2         31.3         25.6         28.5         30.6         0.44         0.54         0.54         0.71         0.58         0.79         0.60         0.38         0.91         0.61         0.40         0.94         0.84         0.64         0.41         0.95         0.95         0.95         0.91         0.61         0.70         0.84         0.70         0.88         0.79         0.60         0.38         0.91         0.61         0.92         0.94         0.84         0.94         0.84         0.94         0.84         0.95         0.99         0.99         0.90 <t< th=""><th>MBh 27.5 28.3 5/T 0.83 0.74 4/2 20 18 1050 kW 1.99 2.03 4/2 20 114 10 PR 230 247 1.0 PR 107 114 MBh 26.1 26.9 5/T 0.79 0.71 4/2 20 1.96 2.00 1.96 2.00</th><th></th><th>114</th><th></th><th>-  </th><th><math>\dashv</math></th><th>138</th><th>147</th><th></th><th></th><th></th><th><math>\dashv</math></th><th></th><th></th><th></th><th><math>\dashv</math></th><th></th><th></th><th>167</th></t<>	MBh 27.5 28.3 5/T 0.83 0.74 4/2 20 18 1050 kW 1.99 2.03 4/2 20 114 10 PR 230 247 1.0 PR 107 114 MBh 26.1 26.9 5/T 0.79 0.71 4/2 20 1.96 2.00 1.96 2.00		114		-	$\dashv$	138	147				$\dashv$				$\dashv$			167
0.56 0.36 0.86 0.77 0.58 0.37 0.88 0.79 0.60 0.38 0.91 0.81 0.61 0.40 0.94 0.84 0.64 0.41 0.95 0.80 0.36 0.36 0.36 0.38 0.37 0.88 0.79 0.60 0.38 0.91 0.61 0.40 0.94 0.84 0.84 0.64 0.41 0.95 0.95 0.38 0.35 0.35 0.38 0.39 0.40 0.39 0.60 0.38 0.39 0.40 0.41 0.40 0.94 0.84 0.84 0.64 0.41 0.95 0.99 0.30 0.31 0.31 0.32 0.32 0.32 0.32 0.32 0.32 0.32 0.32	1050 kW 1.99 2.03 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AT 21 19 KW 1.96 2.00						29.5	31.3											
15 10 20 19 15 10 20 19 15 10 20 19 15 11 20 19 15 11 20 19 15 11 20 18 15 11 20 18 15 10 19 19 15 10 20 2.55 2.00 2.00 2.00 2.00 2.00 2.00	1050 kW 1.99 2.03 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AT 21 19 AT 21 19 KW 1.96 2.00						0.60	0.38											
2.09 2.15 2.13 2.18 2.24 2.31 2.36 2.31 2.38 2.45 2.37 2.42 2.50 2.58 2.47 2.52 2.60 2.69 2.55 2.50 2.58 2.47 2.52 2.60 2.69 2.55 2.50 2.58 2.47 2.52 2.60 2.69 2.55 2.50 2.58 2.47 2.52 2.50 2.59 2.55 2.50 2.58 2.52 2.50 2.59 2.55 2.50 2.59 2.55 2.50 2.58 2.51 2.51 2.51 2.51 2.51 2.51 2.51 2.51	1050 KW 1.99 2.03 Amps 7.8 8.0 Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AT 21 19 AT 21 19 KW 1.96 2.00						15	11											
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261 272 258 277 293 305 293 315 333 347 334 359 379 395 375 404 427 445 415 415 124 133 113 120 131 140 118 125 137 146 124 131 144 153 130 138 150 160 134 29. 341 341 341 341 341 341 341 341 341 341	Hi PR 230 247 Lo PR 107 114 MBh 26.1 26.9 S/T 0.79 0.71 AT 21 19 kW 1.96 2.00		8.4				9.6	6.6											
124 133 113 120 131 140 118 125 137 146 124 131 144 153 130 138 150 160 134  29.1 31.2 25.5 26.3 28.4 30.5 24.9 25.6 27.7 29.8 24.3 25.0 27.1 29.0 27.1 29.0 23.1 23.8 25.7 27.6 21.4  0.54 0.35 0.82 0.73 0.56 0.36 0.34 0.75 0.57 0.37 0.87 0.78 0.59 0.38 0.90 0.81 0.61 0.39 0.91  15 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 11 11 11 11 11 11 11 11 11 11 11	Lo PR 107 114  MBh 26.1 26.9 S/T 0.79 0.71 t ΔT 21 19 kW 1.96 2.00		258				333	347											492
29.1 31.2 25.5 26.3 28.4 30.5 24.9 25.6 27.7 29.8 24.3 25.0 27.1 29.0 27.1 29.0 23.1 23.8 25.7 27.6 21.4 (2.14) 2.5 26.3 28.4 30.5 25.6 27.7 29.8 24.3 25.0 27.1 29.0 27.1 29.0 23.1 23.8 25.7 27.6 21.4 (2.14) 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	MBh 26.1 26.9 S/T 0.79 0.71 CAT 21 19 KW 1.96 2.00					$\dashv$	137	146				$\dashv$				$\dashv$			
0.54 0.35 0.82 0.73 0.56 0.36 0.84 0.75 0.57 0.37 0.87 0.78 0.59 0.38 0.90 0.81 0.61 0.39 0.91 0.91 0.92 0.31 0.92 0.38 0.90 0.81 0.61 0.39 0.91 0.91 0.92 0.93 0.91 0.92 0.93 0.93 0.93 0.93 0.93 0.93 0.93 0.93	S/T 0.79 0.71 α ΔT 21 19 KW 1.96 2.00						27.7	29.8											
15 11 21 19 16 11 21 19 16 11 21 19 16 11 21 19 16 11 19 16 11 19 16 11 19 16 11 19 16 11 19 19 16 11 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	AT 21 19 KW 1.96 2.00						0.57	0.37											
2.06 2.12 2.10 2.14 2.21 2.28 2.22 2.27 2.34 2.34 2.38 2.46 2.54 2.54 2.43 2.48 2.56 2.64 2.51 2.51 8.3 8.2 8.4 8.7 9.0 8.9 9.1 9.4 9.7 9.5 9.7 10.0 10.4 10.1 10.3 10.6 11.0 10.6 2.51 2.52 2.72 2.87 2.99 2.87 3.09 3.26 3.40 3.27 3.52 3.72 3.88 3.68 3.96 4.18 4.36 4.06 2.51 1.2 13.0 11.1 11.1 11.1 11.1 11.1 11.1 11.1	kW 1.96 2.00		21				16	11											
8.1 8.3 8.2 8.4 8.7 9.0 8.9 9.1 9.4 9.7 9.5 9.7 10.0 10.4 10.1 10.3 10.6 11.0 10.6 10.0 10.4 25 272 287 299 287 309 326 340 327 352 372 388 368 396 418 436 406 122 130 111 118 129 137 115 123 134 143 121 129 141 150 127 135 147 157 131 131 132 140 150 150 150 150 150 150 150 150 150 15			2.10				2.34	2.42								_			
256     267     252     272     287     299     287     309     326     340     327     352     372     388     368     396     418     436     406       122     130     111     118     129     137     115     123     134     143     121     129     141     150     127     135     147     157     131       Shaded area reflects ACCA (TVA) Rating Conditions	7.6 7.8		8.2				9.4	9.7								_			11.6
122 130 111 118 129 137   115 123 134 143   121 129 141 150   127 135 147 157   131 Shaded area reflects ACCA (TVA) Rating Conditions	225 242		252				326	340											482
Shaded area reflects ACCA (TVA) Rating Conditions	105 112		111			$\dashv$	134	143		129		$\dashv$				$\dashv$			162
	IDB: Entering Indoor Dry Bulb Temperature						Shaded a	rea reflec	ts ACCA (1	VA) Ratir	ng Conditi	suc					kW	= Total sys	em powe

Martine   Mart			_	9	<b>10</b>			75	<u> </u>			82	_			959		_		1050				1,50		
Mathematical Content					-									1		;				TOT		1		777		
1979   31, 21, 21, 21, 21, 21, 21, 21, 21, 21, 2												ENTERI	NG INDO	OR WET	BULB TE	MPERA	URE									
90.09 31.3   17.1.   28.2   28		IRFLOW	-	_	29	71	23	63	<b>67</b>	71	29	_	_		_	_	_	-		_	_	_				7.1
1.   1.   1.   1.   1.   1.   1.   1.	117	MB.			30.99	33.13	27.72	28.33	30.27	32.36	27.06								•				( )			7.12
2.13         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.18         2.19         2.18         2.19         2.18         2.18         2.19         2.18         2.19         2.18         2.18         2.19         2.18         2.18         2.18         2.18         2.18         2.19         2.18         2.18         2.19         2.18         2.19         2.18         2.18         2.19         2.18         2.19         2.18 <th< th=""><th>117</th><th>- /c </th><th></th><th>0.09</th><th>7.72</th><th>14</th><th>0.30</th><th>20.92</th><th>0.70</th><th>0.50</th><th>21</th><th>20</th><th>) ×</th><th>14</th><th></th><th>0.50</th><th>0.7.9 1× × 1</th><th>14</th><th>70 C</th><th></th><th></th><th>14</th><th></th><th></th><th></th><th>13</th></th<>	117	- /c 		0.09	7.72	14	0.30	20.92	0.70	0.50	21	20	) ×	14		0.50	0.7.9 1× × 1	14	70 C			14				13
8.8                 8.6                 8.2                 8.4                 9.4                 9.4                9.4                  9.4                 9.4                 9.4				2.05	2.12	2.18	2.16	2.20	2.27	2.34	2.29	2.34	2.41	2.49		2.46	2.53	2.62	2.50			2.72				2.82
1.	_			8.1	8.3	8.6	8.5	8.7	0.6	9.3	9.2	9.4	9.7	10.1		10.0	10.3	10.7	10.4			11.4				12.0
1.5   1.5		H		251	265	277	262	282	298	311	298	321	339	353	339	365	386	405	382	411	434	453				500
30. 32.6 3.7.3 3.7.9 3.8.1 3.8.1 3.8.1 3.1.2 3.1.2 3.1.3 13.1 3.1.3 3.2.		Lo Pi		116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163			158	169
19. 12. 12. 12. 12. 12. 12. 12. 12. 12. 12		MB	_	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1		26.6	28.4	30.4				H			25.0	26.7
1.1 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		T/S		0.85	69.0	0.52	0.94	0.88	0.72	0.54	96.0	06.0	0.74	0.55		0.93	92.0	0.57							08.0	0.59
2.10         2.17         2.18         2.28         2.33         2.40         2.47         2.45         2.45         2.45         2.45         2.44         2.45         2.40         2.44         2.45         2.40         2.44         2.45         2.40         2.47         2.45         2.40         2.44         2.55         2.40 <th< th=""><th></th><th>ΔT</th><th></th><th>21</th><th>19</th><th>15</th><th>22</th><th>22</th><th>19</th><th>15</th><th>23</th><th>22</th><th>19</th><th>15</th><th></th><th>22</th><th>19</th><th>15</th><th></th><th></th><th></th><th></th><th></th><th></th><th>17</th><th>14</th></th<>		ΔT		21	19	15	22	22	19	15	23	22	19	15		22	19	15							17	14
8.3         8.6         8.4         8.6         8.9         9.2         9.1         9.3         9.1         10.3         10.3         10.4         10.9         11.3         13.9 <th>_</th> <th></th> <th></th> <th>2.04</th> <th>2.10</th> <th>2.17</th> <th>2.15</th> <th>2.19</th> <th>2.26</th> <th>2.33</th> <th>2.28</th> <th>2.33</th> <th>2.40</th> <th>2.47</th> <th></th> <th>2.44</th> <th>2.52</th> <th>2.60</th> <th></th> <th>2.54</th> <th></th> <th>_</th> <th></th> <th></th> <th>2.71</th> <th>2.80</th>	_			2.04	2.10	2.17	2.15	2.19	2.26	2.33	2.28	2.33	2.40	2.47		2.44	2.52	2.60		2.54		_			2.71	2.80
264         276         266         286         308         306         318         336         319         336         339         339         349         408         419         419         119         126         138         146         119         126         138         146         119         126         138         147         159         139         139         139         139         149         149         151         139         140         139         140         140         130         150         130         150         130 <th></th> <th>Amp</th> <th></th> <th>8.0</th> <th>8.3</th> <th>9.8</th> <th>8.4</th> <th>8.6</th> <th>8.9</th> <th>9.5</th> <th>9.1</th> <th>9.3</th> <th>9.6</th> <th>10.0</th> <th></th> <th>10.0</th> <th>10.3</th> <th>10.7</th> <th></th> <th>10.6</th> <th></th> <th></th> <th></th> <th></th> <th>11.5</th> <th>12.0</th>		Amp		8.0	8.3	9.8	8.4	8.6	8.9	9.5	9.1	9.3	9.6	10.0		10.0	10.3	10.7		10.6					11.5	12.0
1.5   1.4   1.2   1.3   1.4   1.5		H H		250	264	275	260	280	296	308	296	318	336	351	337	363	383	399	379	408	431	449			476	497
1.   1.   1.   1.   1.   1.   1.   1.		Lo Pi		115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131		152	162			157	167
0.05 0.050 0.080 0.085 0.051 0.092 0.087 0.071 0.53 0.092 0.095 0.093 0.095 0.		MB	<u> </u>	27.1	29.0	31.0	25.9	26.5	28.3	30.3	25.3	25.9	27.7	29.6		25.3		┝				├				25.4
1.   1.   1.   1.   1.   1.   1.   1.		T/S		0.82	99.0	0.50	06.0	0.85	69.0	0.51	0.92	0.87	0.71	0.53		0.89		_								0.57
2.07         2.13         2.16         2.25         2.24         2.24         2.35         2.49         2.48         2.49         2.59         2.49 <th< th=""><th></th><th>ΔT</th><th></th><th>22</th><th>19</th><th>15</th><th>23</th><th>22</th><th>19</th><th>15</th><th>23</th><th>22</th><th>19</th><th>15</th><th>23</th><th>22</th><th></th><th>16</th><th></th><th></th><th></th><th>15</th><th>22</th><th>21</th><th>18</th><th>14</th></th<>		ΔT		22	19	15	23	22	19	15	23	22	19	15	23	22		16				15	22	21	18	14
8.1         8.4         8.3         8.5         9.1         9.0         9.2         9.8         9.6         9.6         9.8         1.0 <th>95</th> <th></th> <th></th> <th>2.01</th> <th>2.07</th> <th>2.13</th> <th>2.12</th> <th>2.16</th> <th>2.22</th> <th>2.29</th> <th>2.24</th> <th>2.29</th> <th>2.36</th> <th>2.43</th> <th></th> <th>2.40</th> <th>2.48</th> <th>2.56</th> <th></th> <th>2.50</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>2.76</th>	95			2.01	2.07	2.13	2.12	2.16	2.22	2.29	2.24	2.29	2.36	2.43		2.40	2.48	2.56		2.50						2.76
3.84         3.65         2.54         2.74         2.90         3.12         3.24         3.35         3.45         3.75         3.91         3.75         3.91         3.75         3.91         3.75         3.91         3.75         3.91         3.75         3.75         3.14         3.15         1.24         1.25         1.44         1.25         1.91         1.90         1.90         3.90         3.75 <th< th=""><th></th><th>Amb</th><th></th><th>7.9</th><th>8.1</th><th>8.4</th><th>8.3</th><th>8.5</th><th>8.</th><th>9.1</th><th>0.6</th><th>9.5</th><th>9.5</th><th>8.6</th><th>9.6</th><th>8.6</th><th>10.1</th><th>10.5</th><th></th><th>10.4</th><th></th><th>11.1</th><th>_</th><th></th><th>1.3</th><th>11.8</th></th<>		Amb		7.9	8.1	8.4	8.3	8.5	8.	9.1	0.6	9.5	9.5	8.6	9.6	8.6	10.1	10.5		10.4		11.1	_		1.3	11.8
13.         11. <th></th> <th>H</th> <th></th> <th>245</th> <th>258</th> <th>269</th> <th>255</th> <th>274</th> <th>290</th> <th>302</th> <th>290</th> <th>312</th> <th>330</th> <th>344</th> <th>330</th> <th>355</th> <th>375</th> <th>391</th> <th>372</th> <th>400</th> <th></th> <th>440</th> <th></th> <th></th> <th>167</th> <th>487</th>		H		245	258	269	255	274	290	302	290	312	330	344	330	355	375	391	372	400		440			167	487
38.8 3.89 28.21 28.76 30.12 33.13 77.54 28.07 29.40 31.36 26.87 77.39 28.68 30.60 25.52 6.02 27.25 29.07 23.64 20.87 27.89 28.68 30.60 29.5 0.77 1.00 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.99 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.80 0.70 1.00 0.90 0.90 0.90 0.90 0.90 0.90 0.9		Lo Pı		113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159			154	164
3.8.8         3.8.1.8																										
0.87         0.70         0.10         0.99         0.90         0.73         1.00         0.92         0.75         1.00         0.95         0.70         0.73         1.00         0.92         0.75         1.00         1.00         0.99         0.90         0.73         1.00         0.92         0.75         1.00         1.00         0.99         0.90 <th< th=""><th></th><th>MB</th><th>⊢</th><th> </th><th>30.83</th><th>32.89</th><th>28.21</th><th>28.76</th><th>30.12</th><th>32.13</th><th>27.54</th><th></th><th> </th><th><u> — </u></th><th></th><th> </th><th> </th><th>⊢</th><th> </th><th>  ' '</th><th></th><th><u> — </u></th><th></th><th></th><th> </th><th>26.93</th></th<>		MB	⊢		30.83	32.89	28.21	28.76	30.12	32.13	27.54			<u> — </u>				⊢		' '		<u> — </u>				26.93
21         18         22         22         21         18         21         22         24         25<		S/T		96.0	0.87	0.70	1.00	0.99	06.0	0.73	1.00															0.81
2.13         2.20         2.84         2.85         2.44         2.55         2.64         2.55         2.64         2.55         2.64         2.55         2.64         2.55         2.64         2.55         2.64         2.55         2.64         2.55         2.64         2.75         2.84         2.75         2.84         2.75         2.84         2.75         2.84         2.75         2.84         2.75         2.84         2.75         2.76         2.75         2.76         2.75         2.76         2.75         2.76         2.75         2.76         2.75         2.76         2.75         2.76         2.77         2.77         2.77         2.77         2.77         2.70         2.77         2.70         2.77         2.79         2.79         2.79         2.79         2.79         2.79         2.79         2.70         2.70         2.70         2.70         2.70         2.70         2.70 <th< th=""><th></th><th>T∇</th><th></th><th>22</th><th>21</th><th>18</th><th>22</th><th>22</th><th>21</th><th>18</th><th>22</th><th>22</th><th>21</th><th>18</th><th></th><th>21</th><th>21</th><th>18</th><th>20</th><th>20</th><th></th><th>_</th><th></th><th></th><th>20</th><th>17</th></th<>		T∇		22	21	18	22	22	21	18	22	22	21	18		21	21	18	20	20		_			20	17
84         87         8.6         8.8         9.0         9.4         9.3         9.5         9.4         9.5         9.4         9.5         9.6         9.6         9.6         9.8         9.0         9.4         9.3         9.0         10.1         10.4         10.5         10.7         11.1         11.5         11.4         11.2         13.4         30.1         31.4         30.1         32.4         35.7         34.3         36.9         390         406         386         415         438         45.7         42.8         42.8         36.9         38.9         40.7         11.0         10.0	117			2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51		2.48	2.55	2.64	2.52	2.58		_			2.75	2.84
268         286         286         286         386         396         406         386         407         406         386         406         387         406         389         406         386         381         406         386         381         406         386         381         406         386         381         406         389         406         389         406         389         406         389         406         389         406         389         408         381         406         389         418         420         381         418         418         418         418         418         418         418         418         418 <th></th> <th>Amb</th> <th></th> <th>8.1</th> <th>8.4</th> <th>8.7</th> <th>9.8</th> <th>8.8</th> <th>9.0</th> <th>9.4</th> <th>9.3</th> <th>9.5</th> <th>8.6</th> <th>10.1</th> <th></th> <th>10.1</th> <th>10.4</th> <th>10.8</th> <th>10.5</th> <th>10.7</th> <th>11.1</th> <th></th> <th></th> <th></th> <th>1.7</th> <th>12.2</th>		Amb		8.1	8.4	8.7	9.8	8.8	9.0	9.4	9.3	9.5	8.6	10.1		10.1	10.4	10.8	10.5	10.7	11.1				1.7	12.2
128 136 116 124 135 144 121 129 140 150 150 135 147 151 139 140 150 150 135 147 151 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 139 140 150 150 150 150 150 150 150 150 150 15	-	H		254	268	280	265	285	301	314	301	324	342	357		369	390	406	386	415	438	457			484	505
30.4 32.4 27.8 28.3 29.7 31.7 27.1 27.7 29.0 30.9 6.6.5 27.0 28.3 30.1 25.1 25.6 26.8 28.6 23.8 20.8 0.8 0.8 0.8 0.8 0.7 1 1.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.8 0.7 1 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.8 0.7 1 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.8 0.7 1 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.8 0.8 0.7 1 0.0 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9		Lo P	4	117	128	136	116	124	135	144	121	129	140	150		135	147	157		142		165			160	170
0.83 0.67 0.99 0.95 0.86 0.70 1.00 0.98 0.88 0.71 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.77 1.00 1.00 0.84 0.77 1.00 0.83 0.84 0.70 1.00 0.98 0.88 0.71 1.00 1.00 0.91 0.74 1.00 1.00 0.94 0.77 1.00 0.91 0.74 1.00 0.99 0.99 0.99 0.99 0.99 0.99 0.99		MB		29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9		27.0	28.3	30.1		25.6		28.6			24.9	26.5
2.12 2.19 2.4 2.4 2.5 19 2.4 2.4 2.5 19 2.3 2.4 2.5 19 2.5 2.5 19 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5				0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00 ?	0.98	0.88	0.71		1.00 2.	0.91	0.74							3.95	0.77
2.13 8.6 8.5 8.7 8.7 2.20 2.39 2.30 2.34 2.42 2.49 2.40 2.34 2.05 2.34 2.05 2.31 2.30 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.34 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05				700	27 717	LIS 110	717	24 17 ر	77 27	LS C	7 20	754 757	77	LS C		24	77	F1 C2 C								T&
28.9 30.8 26.3 28.1 29.9 31.0 29.9 32.2 340 354 340 366 387 40.5 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1				5; «	27.7	7. F	ر ۲۰۲, ۲۵	2.21	0 7.7	), a	5.7 C a	L C C	7.70	101		101	10.7	10.7								12.7
28.9 30.8 26.4 26.9 28.2 30.1 25.8 26.3 27.5 29.4 25.6 26.8 28.6 28.6 23.9 24.4 25.5 27.2 22.1 25.6 6.8 28.6 28.6 28.6 28.9 24.4 25.5 27.2 22.1 25.6 26.8 28.6 28.6 28.9 24.4 25.5 27.2 22.1 25.6 28.8 28.6 28.9 24.4 25.5 27.2 22.1 25.6 28.8 28.6 28.9 24.4 25.5 27.2 22.1 25.6 28.8 28.6 28.9 24.4 25.5 27.2 22.1 25.6 28.8 28.8 2.9 2.9 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.3 2.0 2.5 2.2 2.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5		i i		252	266	278	2.5	283	299		299	322	340	354		366	387	403	383	412						502
28.9 30.8 26.4 26.9 28.2 30.1 25.8 26.3 27.5 29.4 25.1 25.6 26.8 28.6 23.9 24.4 25.5 27.2 22.1 20.7 0.64 0.94 0.91 0.82 0.67 0.97 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 1.00 0.90 0.73 1.00 2.0 2.2 2.0 2.5 2.4 2.3 2.0 2.5 2.4 2.3 2.0 2.5 2.4 2.3 2.0 2.5 2.4 2.3 2.0 2.5 2.4 2.3 2.0 2.5 2.4 2.3 2.0 2.2 2.0 2.0		10 D		116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141					129	169
0.79 0.64 0.94 0.91 0.82 0.67 0.97 0.93 0.84 0.68 0.89 0.95 0.97 0.99 0.97 0.99 0.87 0.71 0.00 0.90 0.90 0.99 0.99 0.90 0.90 0.9		MB	—	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4		25.6	26.8	28.6				╁			3.6	25.2
23 20 25 24 23 20 25 24 23 1 2.05 24 23 20 25 24 23 20 25 25 23 20 25 25 23 20 22 20 22 20 20 22 20 20 20 20 20 20		T/S		0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68		96.0	0.87	0.71								0.74
2.09 2.15 2.13 2.18 2.24 2.31 2.36 2.31 2.38 2.45 2.37 2.42 2.50 2.58 2.47 2.52 2.60 2.69 2.59 2.55 2.50 2.50 2.59 2.50 2.50 2.59 2.50 2.50 2.50 2.50 2.50 2.50 2.50 2.50		ΔT		24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24		23	20	22	22	21	18
8.2 8.5 8.4 8.6 8.8 9.1 9.1 9.3 9.6 9.9 9.6 9.9 10.2 10.6 10.2 10.6 10.8 11.2 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	95			2.03	2.09	2.15	2.13	2.18	2.24	2.31	2.26	2.31	2.38	2.45	2.37	2.42	2.50	2.58	2.47	2.52	2.60	5.69			69.7	2.78
261 272 258 277 293 305 293 315 333 347 334 359 379 395 375 404 426 445 415 415 124 133 113 120 131 140 118 125 137 146 124 131 144 153 130 138 150 160 134 134 151 Shaded area reflects AHRI (TVA) Rating Conditions		Amp		8.0	8.2	8.5	8.4	8.6	8.8	9.1	9.1	9.3	9.6	6.6	9.6	6.6	10.2	10.6	10.2	10.5	10.8	11.2			1.4	11.9
124 133   113 120 131 140   118 125 137 146   124 131 144 153   130 138 150 160   134 Shaded area reflects AHRI (TVA) Rating Conditions		H		247	261	272	258	277	293	305	293	315	333	347	334	359	379	395	375	404	426	445			471	491
Shaded area reflects AHRI (TVA) Rating Conditions		Lo P.	_	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160			156	166
	IDB: Entering	'ndoor Dry	Bulb Tem	perature								S	haded are	sa reflect	:s AHRI (T	VA) Ratir	g Condit	ions					~	W = Tota	system	power

	Mail					65	Ť.			75	ᇥ			28	P.			95	<u>"</u>			102	F.			115º		
National N	38.0         - 1         59         63         67         71         59         63         67         71         59         83         73         13         34 <th< th=""><th></th><th></th><th>_</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>-</th><th></th><th>-100</th><th>1</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>l</th></th<>			_										-		-100	1											l
343         345 <th>36.9         1.         2.         2.         3.</th> <th>92</th> <th>A 19 F</th> <th>3</th> <th>Ğ</th> <th>c</th> <th>7.5</th> <th>1,</th> <th>g</th> <th>C</th> <th>7.5</th> <th>7</th> <th>9</th> <th>ENIEK 3</th> <th>NG IND</th> <th>OOR WE</th> <th>T BULB 1</th> <th>EMPER.</th> <th>TURE 67</th> <th></th> <th>9</th> <th>S</th> <th>- 23</th> <th>-</th> <th>Q.</th> <th>- 63</th> <th></th> <th>,</th>	36.9         1.         2.         2.         3.	92	A 19 F	3	Ğ	c	7.5	1,	g	C	7.5	7	9	ENIEK 3	NG IND	OOR WE	T BULB 1	EMPER.	TURE 67		9	S	- 23	-	Q.	- 63		,
0.04         . C         0.08         0.04         . C         0.08         0.04         . C         0.08         0.04         . C         0.04         . D	12 1. 18 1.	<u> </u>	AIR	MBh	34.3	35.5	38.9	7,	33.5	34.7	38.0	7/	32.7	33.9	37.1	- 1	31.9	33.1	36.2	7,	30.3	31.4	34.4	1 '	28.1	29.1	31.9	1
12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         18         15         12         11<	12. 12. 18. 15. 12. 12. 13. 16. 15. 15. 18. 16. 12. 19. 18. 15. 17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18			S/T	0.75	0.63	0.44	,	0.78	0.65	0.45	-	08.0	0.67	0.46		0.83	0.69	0.48	,	98.0	0.72	0.50	,	98.0	0.72	0.50	1
2.62         5.62         5.62         5.62         5.62         5.62         5.62         5.62         5.62         5.62         3.12 <th< th=""><th>2.82         2.84         2.91         3.00          2.99         3.06         3.16          1.14          1.12         1.17&lt;</th><th></th><th></th><th>ΔT</th><th>18</th><th>15</th><th>12</th><th>,</th><th>18</th><th>15</th><th>12</th><th>-</th><th>18</th><th>15</th><th>12</th><th>,</th><th>18</th><th>16</th><th>12</th><th>-</th><th>18</th><th>15</th><th>12</th><th></th><th>17</th><th>14</th><th>11</th><th>ı</th></th<>	2.82         2.84         2.91         3.00          2.99         3.06         3.16          1.14          1.12         1.17<			ΔT	18	15	12	,	18	15	12	-	18	15	12	,	18	16	12	-	18	15	12		17	14	11	ı
	98 101 103 107 1 108 110 114 1 115 117 121 338 389 3 36 389 39 3 389 419 442 389 39 3 36 313 313 3 36 313 31 31 31 31 31 32 34 34 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		1350	≥	2.49	2.54	2.62	,	2.68	2.74	2.82	1	2.84	2.91	3.00	1	2.99	3.06	3.16	,	3.12	3.18	3.29	,	3.22	3.30	3.40	1
	388 - 3 304 327 345 - 4 346 372 393 - 5 398 419 442  131			Amps	9.8	8.0	9.1		9.3	9.5	8.6	-	10.1	10.3	10.7	-	10.8	11.0	11.4	-	11.5	11.7	12.1	,	12.1	12.4	12.8	1
134         13	131         1.5         137         -         124         131         144         -         130         135         135         13			Hi Pr	238	256	270	1	267	287	303	-	304	327	345	1	346	372	393	ı	389	419	442	1	430	463	488	1
343         345         346         347         346         447         340         341         342         343         343         343         344         345         345         345         346         346         346         346         346         340 <th>36.9        </th> <th></th> <th></th> <th>Lo Pr</th> <th>107</th> <th>114</th> <th>124</th> <th>1</th> <th>113</th> <th>120</th> <th>131</th> <th>-</th> <th>118</th> <th>125</th> <th>137</th> <th>1</th> <th>124</th> <th>131</th> <th>144</th> <th>ı</th> <th>130</th> <th>138</th> <th>150</th> <th>1</th> <th>134</th> <th>143</th> <th>156</th> <th>1</th>	36.9			Lo Pr	107	114	124	1	113	120	131	-	118	125	137	1	124	131	144	ı	130	138	150	1	134	143	156	1
10.2         10.3         0.4.2         0.7.4         0.6.2         0.4.6         0.4.6         0.4.4         0.7.9         0.6.6         0.4.6         0.6.6         0.4.6         0.6.6         0.4.6         0.6.6         0.4.7         0.7.8         0.6.6         0.7.4         0.7.9         0.6.6         0.7.4         0.7.2         0.7.2         0.7.2         0.7.3         0.1.3         0	1         0.43			MBh	33.3	34.5	37.8		32.5	33.7	36.9	-	31.7	32.9	36.1	1	31.0	32.1	35.2	,	29.4	30.5	33.4	1		28.3	31.0	
12         19         16         12         19         16         12         19         16         17         19         16         17         19         16         11<	12, 20, -1, 2, 19, 16, 12, -1, 2, 19, 16, 12, -1, 2, 18, 18, 16, 12, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2			S/T	0.72	0.60	0.42	1	0.74	0.62	0.43	1	92.0	0.64	0.44	1	0.79	99.0	0.46	1	0.82	0.68	0.47	1		69.0	0.48	1
2.66         2.71         2.80         2.81         2.97         3.03         3.13         3.03         3.13         3.03         3.13         3.04         3.03         3.03         3.04         3.03         3.03         3.04         3.03         3.03         3.04         3.05         3.03 <th< th=""><th>2.80          2.82         2.88         2.97          3.03         3.13          3.09         3.16         1.280          1.02         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0&lt;</th><th></th><th></th><th>ΔT</th><th>18</th><th>16</th><th>12</th><th>-</th><th>19</th><th>16</th><th>12</th><th>-</th><th>19</th><th>16</th><th>12</th><th>,</th><th>19</th><th>16</th><th>12</th><th>,</th><th>18</th><th>16</th><th>12</th><th>,</th><th></th><th>15</th><th>11</th><th></th></th<>	2.80          2.82         2.88         2.97          3.03         3.13          3.09         3.16         1.280          1.02         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0<			ΔT	18	16	12	-	19	16	12	-	19	16	12	,	19	16	12	,	18	16	12	,		15	11	
90         91         92         94         97         91         92         94         97         90         92         94         94         94         94         94         94         94         95         95         95         95         95         95         95         95         96         96         96         96         96         97         91         15         142         142         142         142         142         142         142         142         143         144         146         146         142         146         147         15         16         147         147         15         16         147	9.7   10.0   10.2   10.6     342   386   389     385   414   438   436		1200	<u>≥</u>	2.47	2.52	2.60	1	2.66	2.71	2.80	-	2.82	2.88	2.97	,	2.97	3.03	3.13	,	3.09	3.16	3.26	,	3.20	3.27	3.38	1
264         264         360	300         -         301         323         342         -         342         36         388         -         385         414         438           130         -         116         124         135         -         122         130         142         -         128         149         16         144         138         -         136         143         -         128         14         438         -         148         148         148         148         148         148         149         16         124         148         149         16         143         140         140         141         141         143         141         143         141         143         141         143         144         143         144         143         144         143         144         143           122         13         14         14         10         10         10         10 <t< th=""><th></th><th></th><th>Amps</th><th>8.5</th><th>8.7</th><th>0.6</th><th>-</th><th>9.5</th><th>9.4</th><th>9.7</th><th>-</th><th>10.0</th><th>10.2</th><th>10.6</th><th>1</th><th>10.7</th><th>10.9</th><th>11.3</th><th>1</th><th>11.3</th><th>11.6</th><th>12.0</th><th>-</th><th>12.0</th><th>12.3</th><th>12.7</th><th>1</th></t<>			Amps	8.5	8.7	0.6	-	9.5	9.4	9.7	-	10.0	10.2	10.6	1	10.7	10.9	11.3	1	11.3	11.6	12.0	-	12.0	12.3	12.7	1
13.3         -         11.2         11.9         13.0         -         11.6         13.4         13.5         -         12.5 <th>  130</th> <th></th> <th></th> <th>Hi Pr</th> <th>236</th> <th>253</th> <th>268</th> <th>1</th> <th>264</th> <th>284</th> <th>300</th> <th>1</th> <th>301</th> <th>323</th> <th>342</th> <th>1</th> <th>342</th> <th>368</th> <th>389</th> <th>,</th> <th>385</th> <th>414</th> <th>438</th> <th>,</th> <th>426</th> <th>458</th> <th>484</th> <th></th>	130			Hi Pr	236	253	268	1	264	284	300	1	301	323	342	1	342	368	389	,	385	414	438	,	426	458	484	
349         -         300         31.1         34.1         -         29.3         30.4         33.3         -         2.86         29.6         32.5         -         27.0         66.6         30.6         -         -         0.79         0.06         0.42         -         1.0 <th>  341</th> <th></th> <th></th> <th>Lo Pr</th> <th>106</th> <th>113</th> <th>123</th> <th>,</th> <th>112</th> <th>119</th> <th>130</th> <th>-</th> <th>116</th> <th>124</th> <th>135</th> <th>1</th> <th>122</th> <th>130</th> <th>142</th> <th>,</th> <th>128</th> <th>136</th> <th>149</th> <th>,</th> <th>133</th> <th>141</th> <th>154</th> <th>1</th>	341			Lo Pr	106	113	123	,	112	119	130	-	116	124	135	1	122	130	142	,	128	136	149	,	133	141	154	1
0.40         -         0.72         0.60         0.42         -         0.43         -         0.75         0.65         0.44         -         0.75         0.60         0.46         -         0.75         0.60         0.46         -         0.75	1.   1.   1.   1.   1.   1.   1.   1.			MBh	30.7	31.9	34.9	,	30.0	31.1	34.1		29.3	30.4	33.3	,	28.6	29.6	32.5	-	27.2	28.2	30.8	,		26.1	28.6	,
12         -         19         16         12         -         19         16         12         -         19         16         12         -         19         16         12         -         19         16         12         19         16         12         -         19         10         10         11	12 1 9 16 16 12 - 1 9 16 17 1 9 16 17 1 9 16 17 1 9 16 17 1 9 18 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			S/T	69.0	0.58	0.40	,	0.72	09.0	0.42	1	0.74	0.61	0.43	-	92.0	0.63	0.44	,	0.79	99.0	0.46	,		99.0	0.46	ı
254         -         259         265         266         3.05         -         2.96         3.05         -         4.06         1.07         1.10         1.11         1.17         1.18         1.17         1.18	2.73         -         2.75         2.81         2.90         -         2.89         2.96         3.05         -         3.01         3.08         3.18           9.5         -         9.5         -         9.7         10.0         10.3         -         10.4         10.6         11.0         11.0         11.1         11.2         11.1         11.1         11.1         11.1         1			ΔT	19	16	12	1	19	16	12	1	19	16	12	1	19	16	12	,	19	16	12	1	18	15	12	ı
8.8         -         9.0         9.2         9.5         -         9.7         1.0         1.0         1.0         1.0         1.1	1.1.   1.1.		1050	≥	2.41	2.46	2.54	1	2.59	2.65	2.73	1	2.75	2.81	2.90	,	2.89	2.96	3.05	,	3.01	3.08	3.18	,	3.12	3.19	3.29	1
388         41.2         35.6         27.6         27.6         31.4         31.1         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4         31.2         31.4	291         -         292         314         331         -         132         357         377         -         402         4402         425           126         -         113         120         131         -         119         126         138         -         124         402         425           8         3.9.97         40.75         33.26         34.24         37.06         39.78         32.45         33.41         36.16         38.81         30.82         31.74         402         0.94           0.60         0.39         0.91         0.81         0.62         0.40         0.94         0.84         0.64         0.41         0.97         0.87         0.69           16         11         21         19         16         11         21         19         16         11         20         19         15         15         15         17         18         17         18         17         18         12         14         18         18         18         18         18         18         18         18         18         18         18         18         18         18         18         18         18			Amps	8.3	8.5	89.	,	9.0	9.2	9.5	-	9.7	10.0	10.3	1	10.4	10.6	11.0	1	11.0	11.3	11.7	,	11.7	12.0	12.4	1
100         110 <th>8         3.7.9         4.0.7         3.8.2         3.4.2         3.7.0         3.9.7         3.2.4         3.6.1         3.8.8         3.8.8         3.8.8         3.7.4         3.4.3           8         3.7.9         4.0.75         3.8.2         3.4.2         3.7.0         3.9.78         3.2.4         3.6.1         3.8.81         3.0.82         3.1.74         3.4.3           9         0.60         0.39         0.91         0.81         0.62         0.40         0.94         0.84         0.64         0.41         0.97         0.87         0.66           1.6         1.1         2.1         1.9         1.6         1.1         2.1         1.9         1.6         1.1         2.0         1.9         0.69         0.84         0.64         0.41         0.97         0.87         0.66         0.99         0.89         0.89         0.81         0.91         0.81         0.92         0.89         0.99         0.99         0.91         0.91         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1</th> <th></th> <th></th> <th>Hi Pr</th> <th>228</th> <th>246</th> <th>260</th> <th>1</th> <th>256</th> <th>276</th> <th>291</th> <th>1</th> <th>292</th> <th>314</th> <th>331</th> <th>1</th> <th>332</th> <th>357</th> <th>377</th> <th>1</th> <th>374</th> <th>402</th> <th>425</th> <th>1</th> <th>413</th> <th>444</th> <th>469</th> <th>1</th>	8         3.7.9         4.0.7         3.8.2         3.4.2         3.7.0         3.9.7         3.2.4         3.6.1         3.8.8         3.8.8         3.8.8         3.7.4         3.4.3           8         3.7.9         4.0.75         3.8.2         3.4.2         3.7.0         3.9.78         3.2.4         3.6.1         3.8.81         3.0.82         3.1.74         3.4.3           9         0.60         0.39         0.91         0.81         0.62         0.40         0.94         0.84         0.64         0.41         0.97         0.87         0.66           1.6         1.1         2.1         1.9         1.6         1.1         2.1         1.9         1.6         1.1         2.0         1.9         0.69         0.84         0.64         0.41         0.97         0.87         0.66         0.99         0.89         0.89         0.81         0.91         0.81         0.92         0.89         0.99         0.99         0.91         0.91         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1			Hi Pr	228	246	260	1	256	276	291	1	292	314	331	1	332	357	377	1	374	402	425	1	413	444	469	1
38.87         41.72         34.07         35.08         37.97         40.75         33.26         34.24         37.06         39.78         32.45         33.41         36.16         38.81         30.82         31.74         34.95         36.87         36.87         36.85         36.87         36.85         36.87         36.85         36.87         36.87         36.87         36.87         36.87         36.87         36.87         36.87         36.87         36.87         37.06         37.0         37.6         28.4         29.4         29.4         29.4         20.8         20.2         30.2         31.2         30.2         30.8         31.8         3.29         31.4         32.0         31.1         11.5         11.9         16.         11.2         10.3         10.2         10.4         10.8         11.2         10.9         11.1         11.9         16.         11.2	8 37.97 40.75 33.26 34.24 37.06 39.78 32.45 33.41 36.16 38.81 30.82 31.74 34.3 30.60 0.39 0.91 0.81 0.62 0.40 0.94 0.84 0.64 0.41 0.97 0.87 0.66 0.99 0.91 0.81 0.62 0.40 0.94 0.84 0.64 0.41 0.97 0.87 0.66 0.99 0.91 0.81 0.62 0.40 0.94 0.84 0.64 0.41 0.97 0.87 0.66 0.99 0.91 0.81 1.02 1.04 10.8 11.2 1.0 11.1 11.5 11.9 11.6 11.8 12.2 3.20 3.02 3.03 3.03 3.03 3.03 3.03 3			Lo Pr	103	109	120	1	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	ı
38.87         41.72         34.07         35.08         37.97         40.75         33.26         42.72         34.07         35.08         37.97         40.75         33.26         42.04         39.78         32.45         34.04         36.40         39.78         32.45         34.04         30.00         39.78         32.70         30.04         0.04	8         37.97         40.75         33.26         33.24         33.45         34.24         37.06         39.78         32.45         34.41         36.16         38.81         30.82         31.74         34.33           9         0.60         0.39         0.91         0.81         0.62         0.40         0.94         0.84         0.64         0.41         0.97         0.87         0.66         0.99         0.91         0.81         0.62         0.40         0.84         0.84         0.94         0.84         0.84         0.94         0.84         0.84         0.94         0.89         3.18         3.29         3.18         3.29         3.18         3.29         3.18         3.29         3.18         3.20         3.08         3.18         3.29         3.18         3.29         3.18         3.29																											
0.58         0.37         0.89         0.79         0.89         0.79         0.89         0.79         0.89         0.79         0.89         0.79         0.89         0.79         0.89         0.79         0.89 <th< th=""><th>0.60         0.39         0.81         0.62         0.40         0.84         2.87         2.83         3.02         3.08         3.08         3.18         3.29         3.14         2.81         3.29         3.14         2.81         3.29         3.14         2.81         3.29         3.14         1.15         1.15         1.15         1.15         1.16         1.17         1.15         1.19         1.16         1.11         1.15         1.19         1.16         1.15         1.19         1.16         1.15         1.19         1.16         1.13         1.14         1.18         1.25         447         320         3.04         3.04         3.04         3.04         3.04         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05</th><th></th><th></th><th>_</th><th>34.88</th><th>35.91</th><th>38.87</th><th>41.72</th><th>34.07</th><th>35.08</th><th>37.97</th><th>40.75</th><th>33.26</th><th>34.24</th><th>37.06</th><th>39.78</th><th>32.45</th><th>33.41</th><th>36.16</th><th>38.81</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th></th><th>34.15</th></th<>	0.60         0.39         0.81         0.62         0.40         0.84         2.87         2.83         3.02         3.08         3.08         3.18         3.29         3.14         2.81         3.29         3.14         2.81         3.29         3.14         2.81         3.29         3.14         1.15         1.15         1.15         1.15         1.16         1.17         1.15         1.19         1.16         1.11         1.15         1.19         1.16         1.15         1.19         1.16         1.15         1.19         1.16         1.13         1.14         1.18         1.25         447         320         3.04         3.04         3.04         3.04         3.04         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05         3.05			_	34.88	35.91	38.87	41.72	34.07	35.08	37.97	40.75	33.26	34.24	37.06	39.78	32.45	33.41	36.16	38.81				_				34.15
15         11         21         19         16         11         21         19         16         11         21         19         16         11         21         19         16         11         21         19         16         11         21         19         16         11         21         11         20         19         19         16         11         21         21         20         19         20         206         206         206         206         206         206         300	146 11 21 121 19 16 11 21 19 16 11 21 19 16 11 19 10 10 19 15 19 15 19 15 19 15 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 19 19 19 19 19 19 19 19 19 19 19 19			S/T	98.0	0.77	0.58	0.37	0.89	0.79	09.0	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	99.0	0.42		0.88	79.0	0.43
2.64         2.73         2.70         2.76         2.84         2.94         2.89         3.02         3.02         3.02         3.08         3.18         3.29         3.14         3.13         3.44         3.45         3.43         3.44         3.45         3.43         3.44         3.45         3.43         3.44         3.45 <th< th=""><th>5.84         2.94         2.87         2.93         3.02         3.12         3.08         3.18         3.29         3.14         3.21         3.32           9.9         10.3         10.2         10.4         10.8         11.2         10.9         11.1         11.5         11.9         11.6         11.8         12.3           1 306         320         320         330         349         364         349         376         397         414         393         423         447           1 33         141         119         126         138         147         125         133         145         154         131         139         423         447           1 33         141         119         126         138         147         125         133         145         154         131         149         142         144         143         143         143         143         143         143         143         143         143         143         144         143         144         143         144         144           1 4 5         1.1         1.1         1.2         1.2         1.0         1.1         1.1         1.1</th><th></th><th></th><th>ΔT</th><th>20</th><th>19</th><th>15</th><th>11</th><th>21</th><th>19</th><th>16</th><th>11</th><th>21</th><th>19</th><th>16</th><th>11</th><th>21</th><th>19</th><th>16</th><th>11</th><th>20</th><th>19</th><th>15</th><th>11</th><th>19</th><th>18</th><th>14</th><th>10</th></th<>	5.84         2.94         2.87         2.93         3.02         3.12         3.08         3.18         3.29         3.14         3.21         3.32           9.9         10.3         10.2         10.4         10.8         11.2         10.9         11.1         11.5         11.9         11.6         11.8         12.3           1 306         320         320         330         349         364         349         376         397         414         393         423         447           1 33         141         119         126         138         147         125         133         145         154         131         139         423         447           1 33         141         119         126         138         147         125         133         145         154         131         149         142         144         143         143         143         143         143         143         143         143         143         143         144         143         144         143         144         144           1 4 5         1.1         1.1         1.2         1.2         1.0         1.1         1.1         1.1			ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
9.2         9.4         9.6         9.9         10.3         10.2         10.4         11.5         11.1         11.5         11.9         11.6         11.2         11.9         11.6         11.2         11.9         11.6         11.2         11.9         11.6         11.2         11.9         11.6         11.6         11.5         11.9         11.6         11.6         11.8         11.9         12.2         13.9         34.9         36.9         37.6         37.7         40.4         39.9         41.4         39.9         42.3         47.7         40.6         43.4           37.7         40.5         33.1         34.1         12.6         13.8         14.7         12.5         13.4         13.9         14.7         13.9         44.7         49.6         43.4         46.6         43.4           37.7         40.5         33.1         36.0         37.6         38.6         36.0         30.0	99 10.3 10.2 10.4 10.8 11.2 11.0 11.1 11.5 11.9 11.6 11.8 12.2 30.6 320 30.7 330 349 364 349 376 376 377 414 393 423 447 447 326 320 320 32.3 33.2 36.0 38.6 31.5 32.4 35.1 37.7 29.9 30.8 33.3 141 119 12.6 13.8 147 12.5 13. 145 154 131 139 152 156 0.57 0.37 0.87 0.78 0.59 0.38 0.90 0.80 0.61 0.39 0.83 0.63 0.63 0.63 0.83 0.64 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.8			≥	2.51	2.56	2.64	2.73	2.70	2.76	2.84	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55
273         285         270         290         306         320         370         380         349         364         349         376         370         491         370         492         440         440         480         472         475         480         481         480         370         390         410         120         380         307         380         31.5         37.4         380         42.3         480         380         31.5         37.4         380         38.1         31.5         37.7         39.0         30.8         38.6         31.5         37.7         39.0         30.8         30.9	366 320 307 330 349 364 349 376 376 397 414 393 423 447   133 141 119 126 138 147 125 133 145 154 131 139 152   133 141 119 126 138 147 125 133 145 154 131 139 152   133 141 119 126 138 147 125 133 145 154 131 139 152   135 135 33.2 36.0 38.6 31.5 32.4 35.1 37.7 29.9 30.8 33.3 31.6 0.57 0.37 0.87 0.78 0.59 0.38 0.90 0.80 0.61 0.39 0.83 0.63 0.63 0.63 0.63 0.63 0.63 0.63 0.6			Amps	8.7	8.9	9.2	9.2	9.4	9.6	6.6	10.3	10.2	10.4	10.8	11.2	10.9	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	13.0	13.4
126         134         114         122         133         141         125         133         141         125         133         141         125         133         141         125         133         141         125         133         141         125         133         141         125         134         142         155         142 <th>133         141         119         126         138         147         125         133         145         154         131         139         152           1 36.9         39.6         32.3         33.2         36.0         38.6         31.5         32.4         35.1         37.7         29.9         30.8         33.3           0 0.57         0.37         0.87         0.78         0.59         0.38         0.90         0.80         0.61         0.39         0.83         0.63           1 6         11         21         20         16         11         22         20         16         11         20         16         11         22         20         16         11         20         3.06         3.06         3.06         3.06         3.06         3.16         3.15         3.20         3.06         3.06         3.06         3.06         3.16         3.17         3.19         3.29         4.19         442           1 2 2 2.91         3.02         3.02         3.06         3.06         3.06         3.16         11.4         11.8         11.7         12.1         12.1         12.1         12.1         12.1         12.1         12.1<!--</th--><th></th><th></th><th>Hi Pr</th><th>240</th><th>259</th><th>273</th><th>285</th><th>270</th><th>290</th><th>306</th><th>320</th><th>307</th><th>330</th><th>349</th><th>364</th><th>349</th><th>376</th><th>397</th><th>414</th><th>393</th><th>423</th><th>447</th><th>466</th><th>434</th><th>467</th><th>493</th><th>515</th></th>	133         141         119         126         138         147         125         133         145         154         131         139         152           1 36.9         39.6         32.3         33.2         36.0         38.6         31.5         32.4         35.1         37.7         29.9         30.8         33.3           0 0.57         0.37         0.87         0.78         0.59         0.38         0.90         0.80         0.61         0.39         0.83         0.63           1 6         11         21         20         16         11         22         20         16         11         20         16         11         22         20         16         11         20         3.06         3.06         3.06         3.06         3.06         3.16         3.15         3.20         3.06         3.06         3.06         3.06         3.16         3.17         3.19         3.29         4.19         442           1 2 2 2.91         3.02         3.02         3.06         3.06         3.06         3.16         11.4         11.8         11.7         12.1         12.1         12.1         12.1         12.1         12.1         12.1 </th <th></th> <th></th> <th>Hi Pr</th> <th>240</th> <th>259</th> <th>273</th> <th>285</th> <th>270</th> <th>290</th> <th>306</th> <th>320</th> <th>307</th> <th>330</th> <th>349</th> <th>364</th> <th>349</th> <th>376</th> <th>397</th> <th>414</th> <th>393</th> <th>423</th> <th>447</th> <th>466</th> <th>434</th> <th>467</th> <th>493</th> <th>515</th>			Hi Pr	240	259	273	285	270	290	306	320	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515
37.7         40.5         33.1         34.1         36.9         39.6         32.3         35.2         36.0         38.6         31.2         36.7         36.7         36.9         39.8         33.3         35.1         37.7         40.5         33.1         34.1         36.9         39.6         32.3         35.2         36.0         38.6         31.5         36.7         37.7         36.9         38.7         37.0 <th< th=""><th>36.9         39.6         32.3         36.0         38.6         31.5         32.4         35.1         37.7         29.9         30.8         33.3           6         0.57         0.37         0.37         0.86         0.50         0.89         0.61         0.39         0.83         0.63         0.60         0.80         0.61         0.39         0.83         0.63         0.61         0.99         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.79         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79</th><th>!</th><th></th><th>Lo Pr</th><th>108</th><th>115</th><th>126</th><th>134</th><th>114</th><th>122</th><th>133</th><th>141</th><th>119</th><th>126</th><th>138</th><th>147</th><th>125</th><th>133</th><th>145</th><th>154</th><th>131</th><th>139</th><th></th><th>162</th><th></th><th>144</th><th>157</th><th>167</th></th<>	36.9         39.6         32.3         36.0         38.6         31.5         32.4         35.1         37.7         29.9         30.8         33.3           6         0.57         0.37         0.37         0.86         0.50         0.89         0.61         0.39         0.83         0.63         0.60         0.80         0.61         0.39         0.83         0.63         0.61         0.99         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.39         0.83         0.62         0.61         0.79         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.63         0.62         0.61         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79         0.79	!		Lo Pr	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139		162		144	157	167
0.55         0.36         0.83         0.84         0.80         0.61         0.39         0.83         0.63         0.84         0.61         0.39         0.83         0.63         0.64         0.84         0.61         0.39         0.83         0.63         0.84         0.64         0.84           16         11         21         20         16         11         21         20         16         11         21         20         16         11         21         20         16         11         21         20         16         11         21         20         3.06 </th <th>6         0.57         0.37         0.87         0.78         0.59         0.38         0.90         0.80         0.61         0.39         0.83         0.83         0.69         0.80         0.61         0.39         0.83         0.83         0.65         0.61         0.39         0.83         0.83         0.65         0.61         0.39         0.83         0.83         0.63         0.83         0.63         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.63         0.62         0.61         0.39         0.83         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.64         442           131         140         118         125         137         144         153         134         144         127         117         127         127         127         127         127         127         127         12</th> <th></th> <th></th> <th>MBh</th> <th>33.9</th> <th>34.9</th> <th>37.7</th> <th>40.5</th> <th>33.1</th> <th>34.1</th> <th>36.9</th> <th>39.6</th> <th>32.3</th> <th>33.2</th> <th>36.0</th> <th>38.6</th> <th>31.5</th> <th>32.4</th> <th>35.1</th> <th>37.7</th> <th>29.9</th> <th>30.8</th> <th></th> <th>35.8</th> <th></th> <th>28.5</th> <th>30.9</th> <th>33.2</th>	6         0.57         0.37         0.87         0.78         0.59         0.38         0.90         0.80         0.61         0.39         0.83         0.83         0.69         0.80         0.61         0.39         0.83         0.83         0.65         0.61         0.39         0.83         0.83         0.65         0.61         0.39         0.83         0.83         0.63         0.83         0.63         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.83         0.62         0.61         0.39         0.83         0.63         0.62         0.61         0.39         0.83         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.63         0.64         442           131         140         118         125         137         144         153         134         144         127         117         127         127         127         127         127         127         127         12			MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8		35.8		28.5	30.9	33.2
16         11         21         20         16         11         21         20         16         11         22         20         16         11         21         20         16         11         21         20         16         11         21         20         16         11         22         20         3.06         3.16         3.26         3.10         3.29         3.06         3.16         3.26         3.10         3.29         3.16         3.12         3.19         3.29         3.40         3.22           2.0         2.0         2.0         2.0         3.0         3.10         3.26         3.16         3.16         3.15         3.19         3.29         3.40         3.22           2.0         2.0         2.0         3.0         3.10         3.10         3.14         3.16         1.14         11.8         11.5         11.1         12.0         12.0         3.20	16 11 21 20 16 11 22 20 1 30 3.10 3.06 3.16 3.16 3.16 3.26 3.12 3.19 3.25 3.3 3.16 3.2 3.9 3.06 3.16 3.16 3.2 3.10 3.2 3.19 3.2 3.9 3.0 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.10 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2			L/S	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	06.0	0.80	0.61	0.39	0.93	0.83		0.40		0.84	0.63	0.41
2.62         2.70         2.68         2.74         2.82         2.91         3.00         3.10 <th< th=""><th>2.82         2.91         2.85         2.91         3.00         3.11         1.11         1.13         1.14         1.18         1.15         1.17         <th< th=""><th></th><th></th><th>ΔT</th><th>21</th><th>20</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th>22</th><th>50</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th></th><th>18</th><th>15</th><th>10</th></th<></th></th<>	2.82         2.91         2.85         2.91         3.00         3.11         1.11         1.13         1.14         1.18         1.15         1.17 <th< th=""><th></th><th></th><th>ΔT</th><th>21</th><th>20</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th>22</th><th>50</th><th>16</th><th>11</th><th>21</th><th>20</th><th>16</th><th>11</th><th></th><th>18</th><th>15</th><th>10</th></th<>			ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	50	16	11	21	20	16	11		18	15	10
9.1         9.4         9.3         9.5         9.8         10.2         10.1         10.3         11.1         10.8         11.0         11.4         11.8         11.5         11.7         12.1         12.6         12.1           270         282         267         287         303         316         327         345         360         346         372         393         410         389         419         442         461         430           124         133         113         120         131         140         118         125         137         144         153         130         138         150         160         134           34.8         37.4         30.5         31.4         34.0         36.5         29.8         30.7         33.2         35.6         29.9         32.4         34.8         27.6         28.4         30.8         33.0         25.6           0.53         0.34         36.5         0.36         0.35         0.36         0.36         0.37         0.58         0.38         0.30         0.39         0.30         0.30         0.39         0.30         0.30         0.39         0.30         0.31         0.31 </th <th>9.8 10.2 10.1 10.3 10.7 11.1 10.8 11.0 11.4 11.8 11.5 11.7 12.1 13.3 31.6 30.4 327 345 360 346 372 393 410 389 419 442 13.1 140 11.8 125 137 146 12.4 131 144 153 130 138 150 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6</th> <th></th> <th></th> <th><u></u></th> <th>2.49</th> <th>2.54</th> <th>2.62</th> <th>2.70</th> <th>2.68</th> <th>2.74</th> <th>2.82</th> <th>2.91</th> <th>2.85</th> <th>2.91</th> <th>3.00</th> <th>3.10</th> <th>2.99</th> <th>3.06</th> <th>3.16</th> <th>3.26</th> <th>3.12</th> <th>3.19</th> <th>3.29</th> <th>3.40</th> <th></th> <th>3.30</th> <th>3.40</th> <th>3.52</th>	9.8 10.2 10.1 10.3 10.7 11.1 10.8 11.0 11.4 11.8 11.5 11.7 12.1 13.3 31.6 30.4 327 345 360 346 372 393 410 389 419 442 13.1 140 11.8 125 137 146 12.4 131 144 153 130 138 150 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6			<u></u>	2.49	2.54	2.62	2.70	2.68	2.74	2.82	2.91	2.85	2.91	3.00	3.10	2.99	3.06	3.16	3.26	3.12	3.19	3.29	3.40		3.30	3.40	3.52
2/0         282         267         287         303         316         327         345         346         347         345         410         489         419         442         461         430         442         440         430         440         430         310         331         320         317         340         346         327         345         340         346         327         340         346         327         340         356         247         131         144         153         130         138         150         160         134         430         360         360         367         35.2         29.2         29.2         37.4         37.8         37.6         37.0         37.8         37.9         37.0 </th <th>3/3         31b         304         32/         34b         34b         34c         3ac         3ac<th></th><th></th><th>Amps</th><th>8.6</th><th>ω . ω . ι</th><th>9.1</th><th>9.4</th><th>9.3</th><th>9.5</th><th>8.6</th><th>10.2</th><th>10.1</th><th>10.3</th><th>10.7</th><th>11.1</th><th>10.8</th><th>11.0</th><th>11.4</th><th>11.8</th><th>11.5</th><th>11.7</th><th>12.1</th><th>12.6</th><th>12.1</th><th>12.4</th><th>12.8</th><th>13.3</th></th>	3/3         31b         304         32/         34b         34b         34c         3ac         3ac <th></th> <th></th> <th>Amps</th> <th>8.6</th> <th>ω . ω . ι</th> <th>9.1</th> <th>9.4</th> <th>9.3</th> <th>9.5</th> <th>8.6</th> <th>10.2</th> <th>10.1</th> <th>10.3</th> <th>10.7</th> <th>11.1</th> <th>10.8</th> <th>11.0</th> <th>11.4</th> <th>11.8</th> <th>11.5</th> <th>11.7</th> <th>12.1</th> <th>12.6</th> <th>12.1</th> <th>12.4</th> <th>12.8</th> <th>13.3</th>			Amps	8.6	ω . ω . ι	9.1	9.4	9.3	9.5	8.6	10.2	10.1	10.3	10.7	11.1	10.8	11.0	11.4	11.8	11.5	11.7	12.1	12.6	12.1	12.4	12.8	13.3
124         135         113         120         131         120         134         123         130         138         130         138         130         134         134         135         130         138         130         134         134         135         130         138         130         134         134         134         135         136         134         134         135         136         136         134         134         134         135         136         136         134 <th>131 140 118 125 137 146 124 134 153 130 138 150 138 150 138 130 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 150 150 150 150 150 150 150 150 150</th> <th></th> <th></th> <th>Ξ.</th> <th>738</th> <th>256</th> <th>770</th> <th>787</th> <th>797</th> <th>/87</th> <th>303</th> <th>316</th> <th>304</th> <th>327</th> <th>345</th> <th>360</th> <th>346</th> <th>372</th> <th>393</th> <th>410</th> <th>389</th> <th>419</th> <th>447</th> <th>461</th> <th>430</th> <th>463</th> <th>489</th> <th>510</th>	131 140 118 125 137 146 124 134 153 130 138 150 138 150 138 130 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 138 150 150 150 150 150 150 150 150 150 150			Ξ.	738	256	770	787	797	/87	303	316	304	327	345	360	346	372	393	410	389	419	447	461	430	463	489	510
34.6         37.4         37.5         35.0         35.0         25.1         25.9         37.4         37.6         27.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.6         28.4         37.7         28.6         37.6         28.7         37.7         37.0 <th< th=""><th>3.0.55         0.36.         2.5.6         30.7         35.2         35.0         25.1         25.9         32.4         34.0         26.4         30.8           1 0.55         0.36         0.38         0.7         0.56         0.7         0.58         0.38         0.90         0.80         0.60           1 0.55         0.36         0.7         0.26         0.7         0.58         0.38         0.90         0.80         0.61           2 0.75         0.36         0.7         0.36         0.7         0.7         0.7         0.5         0.90         0.80         0.61           2 0.75         0.38         2.92         2.9         3.08         3.18         3.04         3.11         3.2         2.0         16         11         11.1         11.2         11.1</th><th></th><th></th><th>Lo Pr</th><th>10/</th><th>TII4</th><th>124</th><th>133</th><th>113</th><th>170</th><th>131</th><th>140</th><th>II8</th><th>125</th><th>13/</th><th>146</th><th>124</th><th>131</th><th>144</th><th>153</th><th>130</th><th>138</th><th>150</th><th>160 250</th><th>134</th><th>143</th><th>156</th><th>166</th></th<>	3.0.55         0.36.         2.5.6         30.7         35.2         35.0         25.1         25.9         32.4         34.0         26.4         30.8           1 0.55         0.36         0.38         0.7         0.56         0.7         0.58         0.38         0.90         0.80         0.60           1 0.55         0.36         0.7         0.26         0.7         0.58         0.38         0.90         0.80         0.61           2 0.75         0.36         0.7         0.36         0.7         0.7         0.7         0.5         0.90         0.80         0.61           2 0.75         0.38         2.92         2.9         3.08         3.18         3.04         3.11         3.2         2.0         16         11         11.1         11.2         11.1			Lo Pr	10/	TII4	124	133	113	170	131	140	II8	125	13/	146	124	131	144	153	130	138	150	160 250	134	143	156	166
0.53         0.34         0.63         0.53         0.73         0.53 <th< th=""><th>16 11 22 20 16 11 22 20 17 11 22 20 17 11 22 20 16 17 17 22 20 16 17 22 20 16 17 11 22 20 17 17 22 20 16 17 22 20 17 22 20 16 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 18 20 18</th><th></th><th></th><th>MBN F</th><th>31.3</th><th>32.7</th><th>34.x</th><th>4.75</th><th>30.5</th><th>31.4</th><th>34.0</th><th>36.5</th><th>29.8</th><th>30.7</th><th>33.2</th><th>35.6</th><th>1.67 I</th><th>29.9</th><th>32.4</th><th>34.8</th><th>9.77</th><th>78.4</th><th>30.8</th><th>33.0</th><th>45.6</th><th>26.3</th><th>28.5</th><th>30.6</th></th<>	16 11 22 20 16 11 22 20 17 11 22 20 17 11 22 20 16 17 17 22 20 16 17 22 20 16 17 11 22 20 17 17 22 20 16 17 22 20 17 22 20 16 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 17 22 20 18 20 18			MBN F	31.3	32.7	34.x	4.75	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	1.67 I	29.9	32.4	34.8	9.77	78.4	30.8	33.0	45.6	26.3	28.5	30.6
15 11 22 20 16 11 22 20 16 11 22 20 17 11 22 20 17 11 22 20 16 11 20 2.56 2.64 2.61 2.67 2.75 2.84 2.98 2.98 3.02 2.98 3.08 3.18 3.04 3.11 3.21 3.31 3.14 8.9 9.2 9.0 9.3 9.6 9.9 9.8 10.0 10.4 10.8 10.5 10.7 11.1 11.5 11.1 11.4 11.8 12.2 11.8 12.1 121 129 110 117 128 136 136 131 131 141 120 120 139 148 126 134 146 155 130	15 11 22 20 15 11 22 20 15 11 22 20 17 11 22 20 15 15 15 2.55 2.84 2.93 3.02 2.98 3.08 3.18 3.04 3.11 3.21 3.21 3.21 3.21 3.21 3.21 3.21			1/S	0.79	0.70	0.53	4.5.0	0.82	0.73	0.00	0.30	0.84 5.04	0.75	0.57	0.30	0.85	0.77	0.08	0.38	0.30	0.80	0.0 10.0	0.39	0.30 20	0.81	J.0.L	0.39
2.56     2.64     2.76     2.78     2.84     2.93     3.02     2.92     3.08     3.16     3.11     3.21     3.21     3.21     3.31     3.31       8.9     9.2     9.0     9.3     9.6     9.9     9.8     10.0     10.4     10.8     10.7     11.1     11.1     11.4     11.8     12.2     11.8       262     2.74     2.59     2.94     307     295     317     335     349     335     361     381     398     377     406     429     447     417       121     129     110     117     128     139     148     126     134     146     155     130	2.79     2.84     2.95     3.02     2.92     2.98     3.08     3.18     3.04     3.11     3.12       9.6     9.9     9.8     10.0     10.4     10.8     10.5     10.7     11.1     11.5     11.1     11.4     11.8       1     2.94     307     295     317     335     349     335     361     381     398     377     406     429       1     1.28     1.36     1.21     1.31     1.41     120     128     139     148     126     134     146       Shaded area reflects ACCA (TVA) Rating Conditions				777	7,48	TP	11	77	707	16	11	77	767	Ib	11	77	07	T/	11	77	777			777	I9	T.	II
8.9 9.2 9.0 9.3 9.6 9.9 9.8 10.0 10.4 10.8 10.5 10.7 11.1 11.5 11.1 11.4 11.8 12.2 11.8 12.1 11.8 12.1 11.8 12.1 11.8 12.1 11.8 12.1 12.1	9.5 9.9 9.8 10.0 10.4 10.8 10.5 10.7 11.1 11.5 11.1 11.4 11.8 12.8 30.7 295 317 335 349 335 361 381 398 377 406 429 128 136 114 121 133 141 120 128 139 148 126 134 146 Shaded area reflects ACCA (TVA) Rating Conditions			^ .	2.43	2.40	2.50	7.04	7.0T	70.7	67.7	7.04	7.70	4.04	2.33	3.02	2.32	2.30	0.00	0.To	40.0	3.11 2.21		5.51	5.14	3.2T	5.52	0.40
262 2/4 259 2/9 294 30/ 295 31/ 335 349 335 361 381 398 37/ 406 429 44/ 41/ 121 129 110 117 128 136 114 121 133 141 120 128 139 148 126 134 146 155 130	294 307 295 317 335 349 335 361 381 398 377 406 429 128 136 114 121 133 141 120 128 139 148 126 134 146 Shaded area reflects ACCA (TVA) Rating Conditions			Amps	4. %	9.6	y 2. %	9.7	0.6 0.1	9.3	9.6	9.9	9. °	10.0	10.4	IO.8	10.5	10.7	11.1	11.5	11.1	11.4	11.8	12.2	11.8	17.1	12.5	13.0
001 001 011 120 031 041 120 031 031 141 001 031 141 011 031 171	Shaded area reflects ACCA (TVA) Rating Conditions			Ξ <u>.</u>	104	1111	797	120	110	117	120	307	295	31/	335	349	120	36I	38I	398	3//	124	116	155	120	100	4/4	161
	Shaded area reflects ACCA (TVA) Rating Conditions		1		104	111	171	173	OTT	/ T T	170	130	114	ı	CCT	141	120	170	133	140	170	T34	T40	TOO	130	T20	TCT	TOT

												Ō	<b>OUTDOOR AMBIENT TEMPERATURE</b>	AMBIENT	r Tempe	RATURE										
		_		9	65ºF			75	75ºF			85ºF	ξF			95≗F		_		105ºF	L			115ºF		
												ENTER	ENTERING INDOOR WET BULB TEMPERATURE	OR WET	BULB TE	MPERAT	URE									
IDB	AIRF	AIRFLOW	29	63	29	11	29	63	29	71	29	63	29	71	- 23	63	29	71	29	63		71	29 (	) 	29	71
		MBh	35.50	36.27	38.75	41.43	34.67	35.43	37.85	40.46	33.85	34.59		0	~	<+		38.54 3	_		34.25 36		.0		31.72 3	33.91
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57		_	_	65.0	_	_	01	0.61	_			0.62
		ΔT	23	22	19	15	24	22	19	15	23	22	19		22											14
	1350	×	2.53	2.58	2.66	2.75	2.72	2.78	2.87	2.96	2.89	2.95	3.05		3.04			_	~			3.46				3.58
		Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9		11.0	11.2	11.6	12.0	11.7	12.0			12.4 13	12.7 1	13.1	13.6
_		Hi Pr	243	261	276	288	272	293	310	323	310	333	352	_	353	380	401	418	397	427		_	439 4	472 4		520
		Lo Pr	109	116	127	135	116	123	134	143	120	128	139	_	126	134	146	156		141				145 1		169
		MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	H				H	30.5	31.1		_		28.8 3		32.9
		S/T	06.0	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73			0.92	0.75	0.56								0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20					16								15
80	1200	×	2.51	2.56	2.64	2.73	2.70	2.76	2.85	2.94	2.87	2.93	3.02		3.02	3.08			_	_	-			0.1	~	3.55
		Amps	8.7	8.9	9.5	9.5	9.4	9.6	6.6	10.3	10.2	10.4	10.8				11.5					12.7				13.4
		Hi Pr	240	259	273	285	270	290	306	320	307	330	349	364	349	376		414	393	423	447 4			467 4		515
		Lo Pr	108	115	126	134	114	122	133	141	119	126	138	147	125	133		154	131	139	152	162 1	135 1	144 1	157	167
		MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	_				34.5		28.7		32.8   20			28.4	30.4
		S/T	0.86	0.81	99.0	0.49	0.89	0.84	0.68	0.51	0.92	98.0	0.70		0.95	0.89	0.72 (		0.98	0.92	0.75 0				0.76 (	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16		24	20		24	23	20				19	15
-	1050	<u>&gt;</u>	2.45	2.50	2.58	2.66	2.64	2.69	2.78	2.87	2.80	2.86	2.95	_	2.94	3.01	3.10	_	.0	3.13	3.23 3		3.17 3.	3.24 3	3.35	3.46
		Amps	8.5	8.7	8.9	9.3	9.1	9.3	9.6	10.0	6.6	10.1	10.5		10.6	10.8			11.2	11.5			11.9	12.2 1		13.1
		Hi Pr	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402		410					•	499
		Lo Pr	105	112	122	130	111	118	129	137	115	123	134	143	121	129		150								162
		MBh	36.12	36.82	38.56	41.14	_	35.96	37.66	40.18	34.44	35.11	_	39.22 3	_	10	35.87 3	38.27 3	~ .	32.54 3	34.08 30	36.35 29		30.14 3.	_	33.68
		S/T	0.98	0.95	0.86	0.70	_	0.98	0.89	0.72	1.00	1.00	0.91						1.00				1.00 1.		0.98	0.80
		ΔT	24	24	23	19		24	23	20	23	24	23	20	23	23	23	20				20				18
	1350	<u>&gt;</u>	2.55	2.60	2.68	2.77	_	2.80	2.89	2.99	2.91	2.98	3.07	_				_		3.27	3.37 3	_		3.38 3	,	3.61
		Amps	8.8	9.1	9.3	9.7	_	8.6	10.1	10.5	10.4	10.6	11.0	_				12.2					12.5	12.8 1		13.7
		Hi Pr	245	264	279	291		296	313	326	313	337	356	371	356			422	401	431			443 4	477 5		525
		Lo Pr	110	117	128	137	$\dashv$	124	135	144	121	129	141	$\dashv$	l		l	$\dashv$		-	-	$\dashv$				171
		MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1 3	35.3 2	28.7 2	29.3 3	30.6	32.7
		S/T	0.94	0.91	0.82	0.66	_	0.94	0.85	0.69	1.00	96.0	0.87		_		_									92.0
		ΔT	25	25	23	20		25	24	21	56	25	24	21	25		24				24		22 2	22	22	19
82	1200	×	2.53	2.58	2.66	2.75	_	2.78	2.87	2.96	2.89	2.95	3.05	_					,							3.58
		Amps	8.	9.0	9.3	9.6		9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0			12.0		_			12.4 1.			13.6
		Hi Pr	243	261	276	288		293	310	323	310	333	352		353			418	397	427				472 4	498	520
		Lo Pr	109	116	127	135	$\dashv$	123	134	143	120	128	139	$\dashv$				$\dashv$				$\dashv$				169
		MBh	32.4	33.0	34.6	36.9		32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1		32.1	34.3			30.5		26.5 2		28.3	30.2
		S/T	0.91	0.87	0.79	0.64	_	0.91	0.82	0.66	96.0	0.93	0.84					02.0	1.00 (	•				1.00 0		0.73
		ΔT	26	25	24	21	_	26	24	21	56	56	24	21	26	26		21								19
	1050	<u>&gt;</u>	2.47	2.52	2.60	2.68	_	2.71	2.80	2.89	2.82	2.88	2.97	_		3.03	3.13	3.23	3.09	3.16	,		3.20	3.27 3	3.38	3.49
		Amps	8.5	8.7	9.0	9.3	_	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	_		_	12.3 1	_	13.2
		Hi Pr	235	253	268	279		284	300	313	301	323	341	356	342	368	389	406	385	414	•	_	•			504
		Lo Pr	106	113	123	131	$\dashv$	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159 1	133 1	141 1	154	164
		í	:										-													

IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.

kW = Total system power Amps = Outdoor unit amps (compressor + fan)

Shaded area reflects AHRI (TVA) Rating Conditions

SS-GSZ13

												ō	TDOOR,	AMBIEN	<b>OUTDOOR AMBIENT TEMPERATURE</b>	RATURE		1								
				65ºF		П		75ºF	<u>ب</u>			85ºF	L	_		95ºF				105ºF	<u>.</u>	_		115ºF		
												ENTERI	VG INDO	OR WET	ENTERING INDOOR WET BULB TEMPERATURE	MPERAT	URE									
IDB	AIRFLOW		29	— 63	29	71		63	29	71	29	<b>–</b>	<u> </u> 29	71	—	_	<b>67</b>	71	_	—	29	71	_	_	29	71
	_	_			45.1	,	38.8	40.2	44.0	,	37.8	39.2	43.0	1			41.9	1			39.8	,			36.9	1
	- '	S/T 0.	0.74 (	0.62 (	0.43	,	0.77	0.64	0.45	,	0.79	99.0	0.46	1	0.82 0	0.68	0.47	-	0.85 0	0.71 C	0.49	<u> </u>	0.85	0.71 (	0.49	_
		ΔT	18	15	12	1	18	16	12	1	18	16	12	1	18	16	12	-	18	16	12	1	17	15	11	-
	1519	kW 2.	2.89	2.95	3.04	,	3.10	3.17	3.27	,	3.29	3.36	3.47	,	3.46 3	3.54 3	3.65	1	3.60 3	3.68 3	3.80	,	3.73 3	3.81	3.93	,
		Amps 10	10.3	10.5	10.9	,	11.1	11.4	11.8	,	12.1	12.4	12.8	,	13.0 1	13.3	13.8	-		14.2 1	14.7	-		15.1	15.6	-
		Hi PR 2	218	234	247	-	244	263	277	,	278	299	315	1	316 3	340	359	1	356	383 4	404	-	393	423	447	1
	<u> </u>	Lo PR 1	107	114	124	-	113	120	131	1	118	125	137	1	124 1	131	144	1		138	150	1			156	1
	_	MBh 3	38.5	39.9	43.8	-	37.6	39.0	42.7	,	36.7	38.1	41.7	1		37.1	40.7	(1)		35.3 3	38.7	1		32.7	35.8	,
		S/T 0	0.71 (	0.59	0.41	-	0.73	0.61	0.43	,	0.75	0.63	0.44	1	0.78 0	0.65 (	0.45		0.81 C	0.67	0.47			0.68	0.47	1
					12	,	19	16	12	,	19	16	12	,			12	,			12	-			11	-
70	1350		_		3.02	,	3.08	3.14	3.24	,	3.27	3.34	3.44	-			3.62	(1)	_		3.77	(1)			3.90	,
					10.8	-	11.0	11.3	11.7	1	12.0	12.3	12.7	1			13.6				14.5	-			15.4	1
					245	-	242	260	275	,	275	296	312	-			356	,			400	-			442	-
					123	,	112	119	130	,	116	124	135	1			142				149	,			154	,
_		MBh 3			40.4	١.	34.7	36.0	39.4	,	33.9	35.1	38.5		33.1 3	34.3	37.6	(1)			35.7	,		30.2	33.1	,
					0.40		0.71	0.59	0.41	,	0.73	0.61	0.42	1			0.43		0.78 0		0.45		0.78		0.45	-
					12	-	19	17	13	-	19	17	13	1			13				13				12	- 1
	1181		_		2.94	,	3.01	3.07	3.17	,	3.19	3.26	3.36	-		^	3.53	(1)	_		3 68	- 1			3.80	,
		·			10.5		10.7	11.0	11.3	,	11.7	12.0	12.4	,			13.7	, (			14.1	,			15.0	-
					237		234	252	266		267	287	303	1			345				388				429	
					120	-	109	116	176	-	113	120	131	-			1 4 C	. `			144				149	
	-	4			120		TOD	TTO	T70		CTT	120	TCT		ł		170				++-				7	
		ARK AC	70.36	11 55 1	// 00 //	70 27	20.42	40 50	12 02	17 15	20 40	30.62	/ 08 CV	76.03	37 5/1 38	7 39 82	1181	10 11	35 67 31	26 77 35	30 75 //	77 66 3	22 0/1 3	27.07.2	26.87.2	30 57
	-									2 6																7
		1/c				1.1	0.88	10	0.59 16	1.1	0.90	0.80														10
						17.	7.13	CT (	OT C	11.	17															2 ,
	1519					3.16	3.13	3.19	3.29	3.40	3.32															4. IO
	< -					11.4	11.2	11.5	11.9	12.4	12.2	12.5	13.0	13.5												16.4
					250	260	247	265	280	292	280	302	319	332												471
	-1	+				134	114	177	133	141	TIB	971	138	147	ŀ			+	- [			+			1.	16/
						46.9	38.3	39.4	42.7	45.8	37.4	38.5														38.4
						0.35	0.84	0.75	0.57	0.36	0.86	0.77	~		n		_	<u></u>						~	~	0.40
ļ						11	77	707	T6	11	77	707	. T6	11												11 .
75	1320					3.13	3.10	3.17	3.27	3.37	3.29	3.36	3.47	3.58												4.06
	⋖				10.9	11.3	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3											_	16.2
	<u> </u>				247	258	244	263	277	289	278	299	316	329												466
	<u> </u>	-				133	113	120	131	140	118	125		$\dashv$				$\dashv$				$\dashv$		-		166
	_	_				43.3	35.3	36.4	39.4	42.3	34.5	35.5						_								35.4
	-		~	0.69		0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	′.0			~	_	~	_		_	•	_	_	0.39
						11	22	20	17	12	22	20	17	12												11
	1181	kW 2		2.88		3.06	3.03	3.09	3.19	3.29	3.22	3.28	3.39	3.50										3.71		3.96
	<u>≺</u>				10.6	11.0	10.8	11.1	11.5	11.9	11.8	12.1	12.5	13.0								_				15.7
	<u> </u>				240	250	237	255	269	281	269	290	306	319												452
	_	Lo PR 1	104	111	121	129	110	117	128	136	114	121	133	141	120 1	128	139	148	126	134	146	155	130	138	151	161
IDB: Ente	IDB: Entering Indoor Dry Bulb Temperature	· Dry Bulb	Temper	ature								Š	haded are	a reflect	Shaded area reflects ACCA (TVA) Rating Conditions	VA) Ratir.	g Condit	ions					Ā	kW = Total system powe	Isystem	power
High and	High and low pressures are measured at the liquid and suction service valves.	res are m	easured	at the lic	quid and	suction	service \	alves.													Amp	Amps = Outdoor unit amps (compressor + fan)	or unit a	mps (cor	npressor	. + fan)

				65ºF	¥ <sub>0</sub>	_		75ºF	Jō.			2	-			95º F		_		105ºF		_		115ºF	
												FNTER	ENTERING INDOOR WET	JR WET	RIIB	TEMPERATILE	181	-							
- BGI	AIRFLOW	LOW	29	63	29	71	23	63	29	11	29	63		71	59			71	9 69	63	2 29	1   59	63	<u> </u>	71
		MBh	41.08	41.97	44.84	47.94	40.12	41.00	43.80	46.82	39.17	40.02	,					_	0	6	23	42.36 33.63	53 34.36	6 36.71	1 39.24
		S/T	0.93	0.87	0.71	0.53	96.0	06.0	0.73	0.55	1.00	0.92							_					O	
		ΔT	23	22	19	15	23	22	19	16	24	22				23									
	1519	×	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42				,		3.83		,			,	•	•
		Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7		13.6			_				_	15.6   15.0			
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336				382 3				_			
		Lo PR	109	116	127	135	116	123	134	143	120	128	ı	$\dashv$				$\dashv$	ı		-	$\dashv$			
		MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3 3	35.2 36	36.0 38	38.5 41	1 32.6	6 33.4	4 35.6	38.1
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88													
		ΔT	24	23	20	16	24	23	20	16	24	23					20		24 2	23 2		_		19	15
80	1350	×	2.91	2.97	3.06	3.16	3.13	3.19	3.29	3.40	3.32	3.39										_			
		Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.9	12.4	12.2	12.5	13.0	13.5			13.9				14.8 15	15.4   14.8			
		Hi PR	220	237	250	760	247	265	280	292	280	302											7 427		
		Lo PR	108	115	126	134	114	122	133	141	119	126		_				_		139 1		_	5 144		
		MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9		_			37.4 4	_			35.5 38	_		3 32.9	
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	69.0		0.93	0.88 0		_	0.97 0.	0.91 0.		55 0.98	8 0.92		0.56
		ΔT	24	23	20	16	25	24	21	16	25	24	21				21			24 2					
	1181	××	2.84	2.90	2.99	3.08	3.06	3.12	3.22	3.32	3.24	3.31	_	3.52	3.41 3	3.48 3	3.59 3	3.71 3	3.55 3.	01	_	3.86 3.67		(,,	
		Amps	10.1	10.3	10.7	11.1	10.9	11.2	11.6	12.0	11.9	12.2	12.6				13.5 1	14.0 1	13.6 13	13.9 14	14.4 15	15.0   14.4	4 14.8	3 15.3	15.9
		Hi PR	213	229	242	253	239	257	272	284	272	293	309	322	310	333	352 3	367   3	349 3	375 3	396 42	413 385	5 414		456
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129 1	141 1		127 13			57   131	1 140		162
		MBh	41.79	42.60	44.62	47.60	40.82	41.61	43.58	46.50	39.85	0.1	-	6	~	~	_	44.28 36				(1)	(1)	8 36.53	3 38.97
		S/T	0.97	0.94	0.85	69.0	1.00	0.97	0.88	0.71	1.00	1.00	_						_	1.00 0.	0.96.0	0.78   1.00	0 1.00	0.97	0.7
		ΔT	25	24	23	20	25	24	23	20	24	24			24	24						_			
	1519	×	2.96	3.02	3.11	3.21	3.18	3.25	3.35	3.45	3.37	3.45						3.86 3	3.69 3.		3.90 4.	4.03 3.82		•	
		Amps	10.5	10.8	11.2	11.6	11.4	11.7	12.1	12.6	12.5	12.8										_			
		Hi PR	224	241	255	266	252	271	286	298	286	308	325	339		351 3						434 405			
!		Lo PR	110	117	128	137	117	124	135	144	121	129		-				$\dashv$				$\dashv$			
		MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5 4	40.3 4	43.0 3	35.9 36	36.6	38.3 40	40.8 33.2	2 33.9	9 35.5	37.8
		S/T	0.93	0.89	0.81	0.65	96.0	0.93	0.84	0.68	0.98	0.95								_					
		ΔT	56	25	24	21	26	25	24	21	56	56			56					25 2		1 23			
82	1350	≥	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42											,	·	
		Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6 1	14.0 1	14.6	14.1 14		15.0 15	15.6   15.0			16.5
		Hi PR	222	239	252	263	249	268	283	295	283	305													
		Lo PR	109	116	127	135	116	123	134	143	120	128		$\dashv$				$\dashv$				$\dashv$		159	
		MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5 3	37.2 3	39.7 3	33.1 33	33.7 35	35.3 37.7	.7 30.7	7 31.3	3 32.7	34.9
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92						_				_			
		ΔT	56	56	24	21	56	56	25	21	56	56	25	21	27							21 24	1 24		
	1181	≷	2.87	2.93	3.01	3.11	3.08	3.14	3.24	3.34	3.27	3.34						_	_					3.90	•
		Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.9	01		14.2   1	_			_			
		Hi PR	215	232	245	255	242	260	275	286	275	596	312	326			356 3	_							461
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130		151 1	128 1	136 1	149 15	159   133	3 141	154	164

		)		)	1	)	)	)	1	)	)	1			)	)	)	)	)	)	)	1	)	)	)	
	S/T	0.93	0.89	0.81	0.65	96.0	0.93	0.84	0.68	0.98	0.95	98.0	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	ΔT	56	25	24	21	56	25	24	21	26	56	24	21	56	56	24	21	24	25	24	21	23	23	22	19	
1350	××	2.93	3.00	3.09	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.59	3.71	3.83	3.66	3.74	3.87	3.99	3.79	3.87	4.00	4.13	
	Amps	10.4	10.7	11.1	11.5	11.3	11.6	12.0	12.5	12.3	12.7	13.1	13.6	13.2	13.6	14.0	14.6	14.1	14.5	15.0	15.6	15.0	15.4	15.9	16.5	
	Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	
	Lo PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9	
	S/T	0.89	98.0	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	69.0	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72	
	ΔT	26	56	24	21	56	26	25	21	26	26	25	21	27	56	25	21	26	26	24	21	24	24	23	20	
1181	×	2.87	2.93	3.01	3.11	3.08	3.14	3.24	3.34	3.27	3.34	3.44	3.55	3.43	3.51	3.62	3.74	3.57	3.65	3.77	3.89	3.70	3.78	3.90	4.03	
	Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.9	13.2	13.6	14.2	13.7	14.1	14.5	15.1	14.5	14.9	15.4	16.0	
	Hi PR	215	232	245	255	242	260	275	286	275	296	312	326	313	337	356	371	352	379	400	417	389	419	442	461	
	Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	
ering Ind	oor Dry B	ering Indoor Dry Bulb Temperature	erature								S	haded ar	ea reflec	Shaded area reflects AHRI (TVA) Rating Conditions	rva) Rati	ng Condi	tions						kW = Total system	al system	power	
low pre	ssures are	low pressures are measured at the liquid and suction service valves.	ed at the	liquid an	nd suction	service v	alves.													Amp	s = Outd	Amps = Outdoor unit amps (compressor + fan)	amps (co	mpresso	· + fan)	

Mail			1				ſ		ŀ	١			, X	10			95	ļ			105	100			1159		
Column   C			_		65	ı,			2	7			3		1				1		777						
61         71         85         63         67         71         85         63         77         85         63         77         85         63         77         85         63         75         85         75         85         75         85         95         71         85         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         85         95         71         72         72         73         73         73         73         73         73         73         74<													ENTERI	ING IND	JOR WE	T BULB T	EMPER	TURE					٠			·	
51.2         4.4.0         4.5.0         4.3.0         4.3.4         4.8.4         4.19         4.3.4         4.6.5         9.0.9         9.0.8         4.13         4.3.5         4.6.2         9.0.9         9.0.8         9.1.5         9.2.5         9.2.8         4.3.4         4.2.5         9.8.9         9.3.5         9.3.5         3.2.5         3.0.2         3.	IDB	AIRFL	WO	29	83	29	71	59	63	29	71	59	63	29	71	59	63	29	71	- 29	63	29	17	_	<b>-</b> 63		71
0.44 - 0.79 0.66 0.46 - 0.81 0.67 0.47 - 0.83 0.70 0.48 - 0.70 0.48 0.70 0.49 - 0.79 0.66 0.46 - 0.81 0.81 0.50 0.44 - 0.79 0.66 0.46 - 0.81 0.85 0.45 - 0.81 0.83 0.39 0.41 0.41 0.42 0.42 0.42 0.42 0.42 0.42 0.42 0.42			MBh	45.1	46.7	51.2	1	44.0	45.6	20.0	ı	43.0	44.5	48.8	ı	41.9	43.5	47.6	,	39.8	41.3	45.2	1			41.9	,
11   18   18   18   18   18   19   19			S/T	0.76	0.63	0.44	1	0.79	99.0	0.46		0.81	0.67	0.47		0.83	0.70	0.48		0.86	0.72	0.50				0.50	,
1.25   1.25   1.25   1.26   1.25			ΔT	17	15	11	1	18	15	12	1	18	15	12	1	18	15	12	-	18	15	12	1			11	,
1.1.2   1.2.   1.2.   1.2.   1.2.   1.2.   1.4.   1.4.   1.4.   1.5.	_	1800	Ş	3.33	3.39	3.48		3.55	3.62	3.72		3.75	3.82	3.93	,	3.92	4.00	4.12	,	4.07	4.15	4.28	,			4.41	
1.   1.   1.   1.   1.   1.   1.   1.			Amps	11.8	12.1	12.5	1	12.7	13.0	13.5	,	13.8	14.2	14.6	1	14.8	15.2	15.7	-	15.7	16.1	16.7	-			17.7	,
1.50   1.10	_		Hi PR	234	252	266	1	797	282	298	1	298	321	339	1	340	366	386	,	382	411	434	1	422		480	,
483         4.43         48.5         4.4         4.2         4.4         4.8         4.4         4.8         4.4         4.8         4.4         4.8         4.4         4.8         4.4         4.8         4.4         4.8         4.4         4.1         4.6         4.2         4.6         4.2         4.6         4.2         4.0 </th <th></th> <th></th> <th>Lo PR</th> <th>111</th> <th>118</th> <th>129</th> <th>-</th> <th>117</th> <th>125</th> <th>136</th> <th>1</th> <th>122</th> <th>129</th> <th>141</th> <th>1</th> <th>128</th> <th>136</th> <th>148</th> <th></th> <th>134</th> <th>143</th> <th>156</th> <th>ı</th> <th>139</th> <th>147</th> <th>161</th> <th>-</th>			Lo PR	111	118	129	-	117	125	136	1	122	129	141	1	128	136	148		134	143	156	ı	139	147	161	-
10.2         6.0.5         0.6.5			MBh	43.8	45.4	49.7	1	42.7	44.3	48.5	1	41.7	43.2	47.4	1	40.7	42.2	46.2	,	38.7	40.1	43.9	1			40.7	-
12         18         16         12         -         18         16         12         -         18         16         12         -         18         16         12         -         18         16         12         -         18         16         12         -         18         16         12         -         18         16         12         19         19         19         10         18         19         19         16         12         19         16         12         19         16         12         19         16         12         19         16         12         19         16         15         16         12         19         16         15         16         12         19         16         15         16         12         19         16         15         16         12         19         16         16         13         14         15         16         12         19         16         12         19         16         12         19         16         12         19         18         18         18         18         18         18         18         18         18         18         18			S/T	0.72	0.60	0.42	1	0.75	0.63	0.43	1	0.77	0.64	0.45	1	0.79	99.0	0.46	,	0.82	69.0	0.48	1			0.48	
3.46          3.53         3.59         3.70          3.72         3.79         3.90          4.04         4.12         4.12         4.12         1.15         1.15         1.25         1.85         3.97         4.09         4.12         4.12         4.13         4.13         4.13         4.13         4.13         4.13         4.13         4.14         1.54         1.15         1.			ΔT	18	16	12	1	18	16	12	,	18	16	12	,	19	16	12	,	18	16	12	1	17	15	11	,
1.1.   1.1.		1600	×	3.31	3.37	3.46	1	3.53	3.59	3.70	,	3.72	3.79	3.90	,	3.89	3.97	4.09	,	4.04	4.12	4.24	-			4.38	
153         1 56         179         295         318         336	-		Amps	11.7	12.0	12.3	1	12.6	12.9	13.4	1	13.7	14.0	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	1			17.5	
1.5    1.5    1.5    1.5    1.5    1.5    1.5    1.4    1.5	-		Hi PR	231	249	263	1	260	279	295	,	295	318	336	,	336	362	382	,	378	407	430	1			475	,
459         49         448         8         48			Lo PR	110	117	127	1	116	123	135	,	120	128	140	1	127	135	147	,	133	141	154	1	137	146	159	,
0.40         -         0.72         0.66         0.42         -         1.9         1.6         1.2         1.9         1.6         1.2         1.9         1.6         1.2         1.9         1.6         1.2         1.9         1.6         1.2         1.9         1.6         1.2         1.6         1.2         1.6         1.2         1.6         1.2         1.6         1.2         1.6         1.2         1.6         1.2         1.6         1.2         1.9         1.6         1.2         1.8 <th></th> <th>Г</th> <th>MBh</th> <th>40.4</th> <th>41.9</th> <th>45.9</th> <th></th> <th>39.5</th> <th>40.9</th> <th>44.8</th> <th> </th> <th>38.5</th> <th>39.9</th> <th>43.7</th> <th>-</th> <th>37.6</th> <th>38.9</th> <th>42.7</th> <th>ļ .</th> <th>35.7</th> <th>37.0</th> <th>40.5</th> <th>'</th> <th></th> <th></th> <th>37.5</th> <th>,</th>		Г	MBh	40.4	41.9	45.9		39.5	40.9	44.8		38.5	39.9	43.7	-	37.6	38.9	42.7	ļ .	35.7	37.0	40.5	'			37.5	,
1.   1.   1.   1.   1.   1.   1.   1.			S/T	0.70	0.58	0.40	1	0.72	09.0	0.42	,	0.74	0.62	0.43	,	0.77	0.64	0.44	,	0.79	99.0	0.46	-			0.46	
3.39         -         3.45         3.62         -         3.64         3.71         3.82         -         3.84         4.00         -         3.95         4.01         -         3.84         4.00         -         3.95         4.01         -         3.64         3.71         4.01         1.72         1.87         3.61         3.83         3.61         3.61         3.71         3.84         3.60         3.61         3.83         3.61         3.71         3.62         3.62         1.87         3.61         3.62         3.64         3.71         3.62         1.85         1.61         3.62         3.64         3.71         3.62         1.84         3.64         3.71         3.62         3.72 <t< th=""><th>-</th><th></th><th>ΔT</th><th>19</th><th>16</th><th>12</th><th>1</th><th>19</th><th>16</th><th>12</th><th>1</th><th>19</th><th>16</th><th>12</th><th>1</th><th>19</th><th>16</th><th>12</th><th>-</th><th>19</th><th>16</th><th>12</th><th>1</th><th>17</th><th>15</th><th>11</th><th></th></t<>	-		ΔT	19	16	12	1	19	16	12	1	19	16	12	1	19	16	12	-	19	16	12	1	17	15	11	
12.0 123   12.6   13.0   13.1   13.1   13.1   14.1   1		1400	××	3.24	3.30	3.39	1	3.45	3.52	3.62	,	3.64	3.71	3.82	,	3.81	3.88	4.00	,	3.95	4.03	4.15	,			4.28	,
152         4.2         12.5         1	-		Amps	11.4	11.6	12.0	-	12.3	12.6	13.0	,	13.3	13.7	14.1	1	14.3	14.6	15.1	,	15.2	15.5	16.1	1			17.0	
1.54   1.15   1.20   1.31   1.17   1.24   1.36   1.35   1.31   1.43   1.44   1.43   1.44   1.43   1.44	-		Hi PR	224	242	255	1	252	271	286	1	286	308	326	1	326	351	371	-	367	395	417	1	406		461	
51.09 54.83			Lo PR	106	113	124	,	112	120	131		117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	
5.0.8         4.7.7         4.0.1         4.0.2         0.2.0         0.0.2 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>																											
1.5   1.1   2.0   1.9   1.5   1.1   2.0   1.9   1.5   1.1   2.0   1.9   1.5   1.9   1.5   1.9			├	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28		43.90	47.52	51.00				<u> </u>			41.82 4	44.88
15   11   20   19   15   11   20   19   15   11   20   19   15   11   10   10   11   11   10   11			S/T	98.0	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	99.0				0.67	0.43
3.51 3.61 3.58 3.65 3.75 3.86 3.78 3.85 3.96 4.08 3.95 4.03 4.10 4.15 4.10 4.18 4.13 4.44 4.18 4.13 4.14 4.18 4.18 4.18 4.18 4.18 4.18 4.18			ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11		17	14	10
12.6   13.0   12.9   13.2   13.6   14.1   14.0   14.3   14.8   15.3   14.9   15.3   15.8   16.4   15.9   16.3   16.8   17.5   16.8   18.9		1800	<u>&gt;</u>	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.27	4.10	4.18	4.31	4.44			4.45	4.58
268         286         285         381         314         321         324         357         343         369         407         386         415         439         458         429         470           130         138         118         126         137         146         123         131         143         152         129         137         160         135         144         157         140         486         487         488         487         487         488         188         189         496         138         496			Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5			17.8	18.5
130         138         118         126         137         146         123         131         143         152         137         150         160         135         144         150         160         135         144         157         167         140           49.6         53.2         43.5         44.8         48.4         52.0         42.4         43.7         47.3         50.8         40.9         6.81         0.61         6.95         6.93         40.9         6.81         6.61         6.95         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.84         6.80         6.80         6.80         6.			Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	206
49.6 53.2 43.5 44.8 48.4 52.0 42.4 43.7 47.3 50.8 41.4 42.6 46.1 49.5 39.3 40.5 43.8 47.0 36.4 36.4 6.5 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3		$\dagger$	Lo PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	16/		-	-	1/3
1.   1.   1.   1.   2.   1.   2.   1.   2.   1.   2.   1.   2.   1.   2.   2			MBh Ĥ	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0				43.6
14. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			- /s	0.82	4 6	0.50	0.30	0.85	0.70	0.58	0.37	0.87	0.78	0.59	0.38	0.30	0.81	10.0	0.37	4.0	5.0 4.0	0.63	0.4 I			7.04	0.41
12.5 12.9 12.7 13.0 13.5 14.0 13.8 14.2 14.6 15.2 14.8 15.2 15.7 16.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15		1600	- ×	17	2 30	3.18	7 E S	2 5 5	2 67	3 7.7	11	2 7E	2.87	3 03	11	3 97	8 6	112	177	7.07	13 115	1 28	111				155
266         277         262         282         298         311         399         351         399         351         399         351         369         366         366         386         403         382         411         434         453         422           129         137         117         125         136         149         158         134         143         156         166         139           45.8         49.1         40.1         41.2         44.7         48.0         39.2         40.3         43.7         46.8         38.2         39.3         42.6         45.7         36.3         37.4         40.5         43.4         36.2         39.3         42.6         45.7         36.3         37.4         40.5         43.4         36.8         39.3         40.5         40.5         6.3         6.8         0.5         0.38         0.90         0.81         0.61         0.39         0.91 <t< th=""><th></th><th></th><th>Amps</th><th>11.8</th><th>12.1</th><th>12.5</th><th>12.9</th><th>12.7</th><th>13.0</th><th>13.5</th><th>14.0</th><th>13.8</th><th>14.2</th><th>14.6</th><th>15.2</th><th>14.8</th><th>15.2</th><th>15.7</th><th>16.3</th><th>15.7</th><th>16.1</th><th>16.7</th><th>17.3</th><th></th><th></th><th></th><th>18.4</th></t<>			Amps	11.8	12.1	12.5	12.9	12.7	13.0	13.5	14.0	13.8	14.2	14.6	15.2	14.8	15.2	15.7	16.3	15.7	16.1	16.7	17.3				18.4
129         137         117         125         136         141         151         128         136         149         158         134         143         156         166         139           45.8         49.1         40.1         41.3         44.7         48.0         39.2         40.3         45.7         45.8         38.2         39.4         42.6         45.7         36.3         37.4         40.5         40.4         43.7         46.8         38.2         39.4         42.6         45.7         36.3         37.4         40.5         40.5         6.8         7.8         7.			H: BB	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453			480	501
45.8 49.1 40.1 41.3 44.7 48.0 39.2 40.3 43.7 46.8 38.2 39.34 42.6 45.7 36.3 37.4 40.5 43.4 33.6 0.54 0.55 0.38 0.39 0.31 40.5 43.4 40.5 43.4 33.6 0.54 0.38 0.39 0.39 0.81 0.61 0.39 0.91 16 11 22 20 16 11 20 20 16 11 20 12.1 12.1 12.1 12.1 12.1 12.1 12.			Lo PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139		161	171
0.54 0.35 0.82 0.74 0.56 0.36 0.84 0.75 0.57 0.37 0.87 0.78 0.59 0.38 0.90 0.81 0.61 0.39 0.91  16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 20 20 16 11 20 20 16 11 20 11			MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8		39.34	42.6	45.7	36.3	37.4	40.5	43.4			37.5	40.2
16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 11 22 20 16 10 20 3.84 3.91 4.03 4.15 3.48 3.54 3.64 3.75 3.74 3.85 3.96 3.84 3.91 4.03 4.15 3.98 4.06 4.18 4.31 4.10 12.1 12.6 12.4 12.7 13.1 13.6 13.8 14.2 14.8 14.7 15.2 15.8 15.3 15.7 16.2 16.8 16.2 16.2 16.8 16.2 16.8 17.3 18.1 13.2 14.1 13.2 13.2 13.1 13.2 14.1 13.2 13.2 14.1 13.1 14.1 13.1 14.			S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	06.0	0.81	0.61	0.39			0.62	0.40
3.41 3.51 3.48 3.54 3.64 3.75 3.67 3.74 3.85 3.96 3.84 3.91 4.03 4.15 3.98 4.06 4.18 4.31 4.10 4.10 12.1 12.6 12.4 12.7 13.1 13.6 13.5 13.8 14.2 14.8 14.7 15.2 15.8 15.3 15.7 16.2 16.8 16.2 258 269 254 274 289 302 289 311 329 343 330 355 375 391 371 399 421 439 410 125 133 114 121 132 141 118 126 137 146 124 132 144 153 130 138 151 161 134 134 135	-		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20		15	10
12.1 12.6 12.4 12.7 13.1 13.6 13.5 13.8 14.2 14.8 14.7 15.2 15.8 15.3 15.7 16.2 16.8 16.2 16.8 16.2 258 269 254 274 289 302 289 311 329 343 330 355 375 391 371 399 421 439 410 125 133 114 121 132 141 118 126 137 146 124 132 144 153 130 138 151 161 134 134 135 134 136 138 151 161 134		1400	<u>&gt;</u>	3.26	3.32	3.41	3.51	3.48	3.54	3.64	3.75	3.67	3.74	3.85	3.96	3.84	3.91	4.03	4.15	3.98	4.06	4.18	4.31			4.31	4.44
258 269 254 274 289 302 289 311 329 343 330 355 375 391 371 399 421 439 410 125 133 114 121 132 141 118 126 137 146 124 132 144 153 130 138 151 161 134 134 135 130 138 151 161 134			Amps	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8			17.2	17.8
125 133   114 121 132 141   118 126 137 146   124 132 144 153   130 138 151 161   134   134   135   130 138 151 161   134   13			Hi PR	227	244	258	569	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486
Shaded area reflects ACCA (TVA) Rating Conditions	$\dashv$		Lo PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	յ <u>B</u> ։ Enteri	ing Indoo	or Dry Bu.	lb Temp	erature								J1	Shaded a	rea reflec	sts ACCA (	(TVA) Rat	ing Conc	litions					_	kW = Total system power	system	power

Marie   Mari														'	1		COLEGOR SIMPLEM LEIGHT EIGHT											
Column   C	Column   C					65	ᆲ			75	J <sub>O</sub> E			82	占			95	<b>.</b>			105	占			115º		
60.0         51.0         61.0 <th< th=""><th>67         71         85         68         95         17         85         68         95         96         97         97         98         40         07         07         10&lt;</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>ENTER</th><th>ING IND</th><th>JOR WE</th><th>T BULB 1</th><th>TEMPER</th><th><b>ATURE</b></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	67         71         85         68         95         17         85         68         95         96         97         97         98         40         07         07         10<													ENTER	ING IND	JOR WE	T BULB 1	TEMPER	<b>ATURE</b>									
25.2 5.45 1.05 0.25 0.25 0.15 0.10 0.94 0.77 0.57 1.01 0.10 0.79 0.05 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.29 0.10 1.10 0.10 0.20 0.10 0.10 0.10 0.10	50.03         54.04 <t< th=""><th>IDB</th><th>AIRF</th><th></th><th>59</th><th>63</th><th>29</th><th>71</th><th>29</th><th>63</th><th><b>29</b></th><th>71</th><th>59</th><th>63</th><th><b>29</b></th><th>71</th><th>59</th><th>63</th><th>29</th><th>7.1</th><th>29</th><th>63</th><th>_</th><th>_</th><th>_</th><th>_</th><th></th><th>71</th></t<>	IDB	AIRF		59	63	29	71	29	63	<b>29</b>	71	59	63	<b>29</b>	71	59	63	29	7.1	29	63	_	_	_	_		71
0.7. 0.54   1.00   0.2   0.75   0.55   1.00   1.00   0.82   0.05   0.55   0.05   0.05   0.25   0.05	97.7         67.8         67.9         77.0 <th< th=""><th></th><th></th><th></th><th>46.66</th><th>47.67</th><th>50.93</th><th>54.45</th><th>45.57</th><th>46.57</th><th>49.75</th><th>53.18</th><th>44.49</th><th>45.46</th><th>48.56</th><th>51.92</th><th>43.40</th><th>44.35</th><th>47.38</th><th>50.65</th><th>41.23</th><th>42.13</th><th></th><th></th><th></th><th></th><th>•</th><th>14.57</th></th<>				46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13					•	14.57
19   19   24   24   24   25   25   25   25   25	13. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3			L/S	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61				0.62
3.3 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	127         383         380         380         380         380         480 <th></th> <th></th> <th>T∆</th> <th>23</th> <th>22</th> <th>19</th> <th>12</th> <th>23</th> <th>22</th> <th>19</th> <th>12</th> <th>23</th> <th>22</th> <th>19</th> <th>15</th> <th>22</th> <th>23</th> <th>19</th> <th>15</th> <th>21</th> <th>22</th> <th>19</th> <th>15</th> <th></th> <th></th> <th>18</th> <th>14</th>			T∆	23	22	19	12	23	22	19	12	23	22	19	15	22	23	19	15	21	22	19	15			18	14
127   128	127   128   288   288   349   341   344   345   455   454   474		1800	<u>×</u>	3.38	3.44	3.53	3.63	3.60	3.67	3.78	3.89	3.80	3.88	3.99	4.11	3.98	4.06	4.18	4.31	4.13	4.22	4.34	4.48			1.48	4.62
131   140   119   119   127   139   148   124   124   125   149   124   139   135   149   127   139   135   148   124   124   125   148   124   124   125   148   124   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125   148   124   125	131 283 88 88 88 88 94 317 349 413 747 359 458 341 347 373 349 411 370 490 443  495 52.9 44.2 45.2 48.3 51.6 43.2 44.1 47.2 50.4 42.1 43.1 46.0 49.0 40.9 45.2  496 0.51 0.94 0.88 0.71 0.95 0.96 0.90 0.97 0.73 0.56 0.99 0.93 0.76 0.96 0.79  351 361 3.58 3.65 3.75 3.86 3.78 3.85 3.96 4.08 3.55 4.03 4.13 4.00 0.96 0.79  352 0.51 2.9 42.2 45.2 48.3 51.6 41.1 41.0 14.3 14.8 15.3 14.9 15.3 15.8 16.0 13.9 15.0 10.0 0.96 0.79  352 0.51 3.61 3.82 3.01 3.1 4.0 14.3 14.8 15.3 14.9 15.3 15.8 16.0 13.5 14.9 15.3 16.8 16.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.3 16.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.8 16.0 13.5 14.9 15.9 14.9 14.9 14.5 14.9 14.9 14.9 14.9 14.9 14.9 14.9 14.9			Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.0	16.6	16.0	16.4	17.0	17.6			18.0	18.7
14   15   17   18   18   18   13   14   15   14   15   14   15   15   15	49.5 3.9 4.4 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7			Hi PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462			490	511
4.65 6.25 4.42 4.2 4.2 4.3 4.3 4.4 4.4 4.2 4.4 4.2 4.4 4.4 4.4 4.4 4.1 4.1 4.1 4.1 4.2 4.3 4.4 4.2 4.3 4.4 4.4	49.5         52.9         44.2         45.2         48.3         51.6         48.2         44.1         47.2         50.4         47.1         48.1         48.5         52.9         48.2         49.1         43.2         49.1         43.2         49.1         43.2         49.1         43.2         49.2         20.2         10.2         10.2         10.2         10.2         10.2         10.2         12.2         13.2 <th< th=""><th></th><th></th><th>Lo PR</th><th>113</th><th>120</th><th>131</th><th>140</th><th>119</th><th>127</th><th>139</th><th>148</th><th>124</th><th>132</th><th>144</th><th>154</th><th>130</th><th>139</th><th>152</th><th>161</th><th>137</th><th>145</th><th>159</th><th>169</th><th></th><th></th><th>164</th><th>175</th></th<>			Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169			164	175
0.05         0.04 <th< th=""><th>0.05 0.51 0.94 0.88 0.71 0.53 0.96 0.90 0.73 0.75 0.99 0.93 0.76 0.56 0.90 0.75 0.75 0.85 0.90 0.85 0.75 0.86 0.90 0.85 0.75 0.86 0.90 0.85 0.90 0.85 0.75 0.86 0.90 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.8</th><th></th><th></th><th>MBh</th><th>45.3</th><th>46.3</th><th>49.5</th><th>52.9</th><th>44.2</th><th>45.2</th><th>48.3</th><th>51.6</th><th>43.2</th><th>44.1</th><th>47.2</th><th>50.4</th><th>42.1</th><th>43.1</th><th>46.0</th><th>49.2</th><th>40.0</th><th>40.9</th><th>43.7</th><th>46.7</th><th></th><th></th><th>10.5</th><th>43.3</th></th<>	0.05 0.51 0.94 0.88 0.71 0.53 0.96 0.90 0.73 0.75 0.99 0.93 0.76 0.56 0.90 0.75 0.75 0.85 0.90 0.85 0.75 0.86 0.90 0.85 0.75 0.86 0.90 0.85 0.90 0.85 0.75 0.86 0.90 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.8			MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7			10.5	43.3
15. 1 15. 1	26         24         23         20         16         24         23         20         16         24         23         4         25         16         24         23         4         25         16         24         23         20         16         24         23         20         16         24         23         4         25         14         14 <th></th> <th></th> <th>S/T</th> <th>0.90</th> <th>0.85</th> <th>69.0</th> <th>0.51</th> <th>0.94</th> <th>0.88</th> <th>0.71</th> <th>0.53</th> <th>96.0</th> <th>0.90</th> <th>0.73</th> <th>0.55</th> <th>0.99</th> <th>0.93</th> <th>92.0</th> <th>0.56</th> <th>1.00</th> <th>96.0</th> <th>0.78</th> <th>0.59</th> <th></th> <th></th> <th>0.79</th> <th>0.59</th>			S/T	0.90	0.85	69.0	0.51	0.94	0.88	0.71	0.53	96.0	0.90	0.73	0.55	0.99	0.93	92.0	0.56	1.00	96.0	0.78	0.59			0.79	0.59
3.   3.   3.   3.   3.   3.   3.   3.	3.5.         3.5.         3.5.         3.5.         4.0.         3.9.         4.0.         4.1.         4.0.         4.1.         4.0. <th< th=""><th></th><th></th><th>TΔ</th><th>23</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>23</th><th>23</th><th>20</th><th>16</th><th>21</th><th>21</th><th>18</th><th>15</th></th<>			TΔ	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
15.   15.	126 130 129 132 131 131 141 141 141 141 141 151 151 141 151 141 151 15	80	1600	××	3.35	3.41	3.51	3.61	3.58	3.65	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.28	4.10	4.18	4.31	4.44			1.45	4.58
26         36         105         36         314         31         32         3	266         286         286         286         386         387         343         389         399         407         386         415         418 <th></th> <th></th> <th>Amps</th> <th>11.9</th> <th>12.2</th> <th>12.6</th> <th>13.0</th> <th>12.9</th> <th>13.2</th> <th>13.6</th> <th>14.1</th> <th>14.0</th> <th>14.3</th> <th>14.8</th> <th>15.3</th> <th>14.9</th> <th>15.3</th> <th>15.8</th> <th>16.4</th> <th>15.9</th> <th>16.3</th> <th>16.8</th> <th>17.5</th> <th></th> <th></th> <th>17.8</th> <th>18.5</th>			Amps	11.9	12.2	12.6	13.0	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.5			17.8	18.5
145 138 138 138 138 14.4 14.6 14.3 14.4 14.5 14.5 14.5 14.5 14.5 14.5 14.5	150   139   118   126   137   146   123   131   143   152   150   137   150			Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458			485	909
456 488 408 417 446 477 399 407 435 465 389 397 425 454 969 378 403 378 403 170 470 470 470 470 470 470 470 470 470 4	4.5.         4.8.         4.0.         4.1.         4.4.         4.7.         39.         40.7         43.5         46.5         38.9         39.7         42.5         46.5         38.9         39.7         42.5         46.5         39.0         40.3         40.3         40.9         40.3			Lo PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167			163	173
0.66         0.87         0.89         0.81         0.87         0.87         0.87         0.89 <th< th=""><th>0.06         0.50         0.90         0.88         0.51         0.92         0.88         0.71         0.53         0.90         0.88         0.69         0.81         0.82         0.81         0.82         0.81         0.92         0.89         0.90         <th< th=""><th></th><th></th><th>MBh</th><th>41.8</th><th>42.7</th><th>45.6</th><th>48.8</th><th>40.8</th><th>41.7</th><th>44.6</th><th>47.7</th><th>39.9</th><th>40.7</th><th>43.5</th><th>46.5</th><th>38.9</th><th>39.7</th><th>42.5</th><th>45.4</th><th>36.9</th><th>37.8</th><th>40.3</th><th>43.1</th><th></th><th></th><th></th><th>39.9</th></th<></th></th<>	0.06         0.50         0.90         0.88         0.51         0.92         0.88         0.71         0.53         0.90         0.88         0.69         0.81         0.82         0.81         0.82         0.81         0.92         0.89         0.90 <th< th=""><th></th><th></th><th>MBh</th><th>41.8</th><th>42.7</th><th>45.6</th><th>48.8</th><th>40.8</th><th>41.7</th><th>44.6</th><th>47.7</th><th>39.9</th><th>40.7</th><th>43.5</th><th>46.5</th><th>38.9</th><th>39.7</th><th>42.5</th><th>45.4</th><th>36.9</th><th>37.8</th><th>40.3</th><th>43.1</th><th></th><th></th><th></th><th>39.9</th></th<>			MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1				39.9
Name	20         16         24         23         20         16         24         23         20         16         24         23         20         16         24         23         20         16         24         23         36         377         369         377         389         387         394         406         418         40         421         40         421         40         421         40         40         421         40         421         40         421         40         418         40         40         418         40         40         418         40         40         418         40         40         418         40 </th <th></th> <th></th> <th>T/S</th> <th>0.87</th> <th>0.82</th> <th>99.0</th> <th>0.50</th> <th>06.0</th> <th>0.85</th> <th>0.69</th> <th>0.51</th> <th>0.92</th> <th>0.87</th> <th>0.71</th> <th>0.53</th> <th>0.95</th> <th>06.0</th> <th>0.73</th> <th>0.54</th> <th>0.99</th> <th>0.93</th> <th>9.70</th> <th>0.57</th> <th></th> <th></th> <th></th> <th>0.57</th>			T/S	0.87	0.82	99.0	0.50	06.0	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	06.0	0.73	0.54	0.99	0.93	9.70	0.57				0.57
3.43         3.54         3.57         3.67         3.87         3.89         3.99         3.99         4.06         4.06         4.01         4.01         4.02         4.01 <th< th=""><th>3.43         3.53         3.50         3.57         3.67         3.87         3.89         3.87         4.99         4.76         4.18         4.06         4.18         4.01         4.05         <th< th=""><th></th><th></th><th>ΔT</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th></th><th>22</th><th>19</th><th>15</th></th<></th></th<>	3.43         3.53         3.50         3.57         3.67         3.87         3.89         3.87         4.99         4.76         4.18         4.06         4.18         4.01         4.05 <th< th=""><th></th><th></th><th>ΔT</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th>24</th><th>23</th><th>20</th><th>16</th><th></th><th>22</th><th>19</th><th>15</th></th<>			ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16		22	19	15
1.   1.   1.   1.   1.   1.   1.   1.	12.2         12.2 <th< th=""><th></th><th>1400</th><th>×</th><th>3.28</th><th>3.34</th><th>3.43</th><th>3.53</th><th>3.50</th><th>3.57</th><th>3.67</th><th>3.77</th><th>3.69</th><th>3.77</th><th>3.87</th><th>3.99</th><th>3.87</th><th>3.94</th><th>4.06</th><th>4.18</th><th>4.01</th><th>4.09</th><th>4.21</th><th>4.34</th><th></th><th></th><th></th><th>4.48</th></th<>		1400	×	3.28	3.34	3.43	3.53	3.50	3.57	3.67	3.77	3.69	3.77	3.87	3.99	3.87	3.94	4.06	4.18	4.01	4.09	4.21	4.34				4.48
500         711         257         277         292         395         346         333         358         379         378         478         478         478         478 <th>260         271         257         277         292         305         292         315         324         334         358         378         378         395         375         470           126         134         115         122         133         142         115         127         139         148         125         133         146         155         131         140         150           5086         5.70         100         0.99         0.90         0.73         100         0.99         0.77         100         100         0.99         0.77         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         0.90         0.70         100         0.90         0.70</th> <th></th> <th></th> <th>Amps</th> <th>11.6</th> <th>11.8</th> <th>12.2</th> <th>12.7</th> <th>12.5</th> <th>12.8</th> <th>13.2</th> <th>13.7</th> <th>13.6</th> <th>13.9</th> <th>14.4</th> <th>14.9</th> <th>14.5</th> <th>14.9</th> <th>15.4</th> <th>16.0</th> <th>15.5</th> <th>15.8</th> <th>16.4</th> <th>17.0</th> <th></th> <th></th> <th></th> <th>18.0</th>	260         271         257         277         292         305         292         315         324         334         358         378         378         395         375         470           126         134         115         122         133         142         115         127         139         148         125         133         146         155         131         140         150           5086         5.70         100         0.99         0.90         0.73         100         0.99         0.77         100         100         0.99         0.77         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         100         0.90         0.70         100         0.90         0.70         100         0.90         0.70			Amps	11.6	11.8	12.2	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	15.4	16.0	15.5	15.8	16.4	17.0				18.0
1.	156         134         115 <th></th> <th></th> <th>Hi PR</th> <th>229</th> <th>246</th> <th>260</th> <th>271</th> <th>257</th> <th>277</th> <th>292</th> <th>305</th> <th>292</th> <th>315</th> <th>332</th> <th>346</th> <th>333</th> <th>358</th> <th>378</th> <th>395</th> <th>375</th> <th>403</th> <th>426</th> <th>444</th> <th></th> <th></th> <th>470</th> <th>490</th>			Hi PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444			470	490
5.068         5.4.07         46.37         47.26         49.50         52.81         45.26         46.17         47.14         50.29         41.90         42.1         47.14         50.29         41.90         42.1         47.14         50.29         41.90         42.1         47.14         50.29         41.90         42.1         47.14         50.29         41.90         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         41.9         42.1         42.4         42.9         42.1         42.4         42.9         42.1         42.4         42.9         42.1         42.4         42.1	5068         54,07         46,37         47,26         49,50         52,81         45,26         46,14         48,32         51,55         44,16         45,01         47,14         50.29         41,95         40,97			Lo PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162			158	168
5.6.6.         5.0.7.         4.6.7.         4.7.2.         4.9.5.         5.2.8.         4.6.7.         4.8.2.         5.1.5.         4.1.6         4.5.0.         4.7.1         4.0.0         1.0.0	50.68         54.07         46.37         47.26         49.50         52.81         46.34         48.32         51.55         44.16         45.01         47.14         50.29         47.17         40.01         47.17         50.20         47.17         40.01         47.17         40.01         47.17 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>!</th><th></th><th></th><th>!</th><th></th><th></th><th></th><th></th><th></th><th></th></th<>																		!			!						
0.04         0.100         0.04         0.04         0.04         0.04         0.04         0.04         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05         0.04         0.05 <t< th=""><th>0.86         0.70         1.00         0.99         0.73         1.00         0.99         0.79         0.73         1.00         0.99         0.70         0.90         0.73         1.00         0.99         0.70         1.00         0.99         0.77         1.00         0.99         0.70         0.73         24         23         20         23         23         23         23         23         23         23         23         23         23         23         24         23         20         23         20         21         23         20         21         23         20         21         23         23         23         23         23         23         23         23         24         23         20         23         23         24         23         20         23         23         24         23         24         23         24         23         24         23         24         23         24         23         24         23         24         24         448         449         444         448         443         443         444         448         443         443         443         443         444         448         4</th><th></th><th></th><th><math>\vdash</math></th><th>47.47</th><th>48.39</th><th>50.68</th><th>54.07</th><th>46.37</th><th>47.26</th><th>49.50</th><th>1</th><th>45.26</th><th>46.14</th><th>48.32</th><th>51.55</th><th>44.16</th><th>45.01</th><th>47.14</th><th>50.29</th><th>41.95</th><th>42.76</th><th>44.79</th><th></th><th>1</th><th></th><th></th><th>14.26</th></t<>	0.86         0.70         1.00         0.99         0.73         1.00         0.99         0.79         0.73         1.00         0.99         0.70         0.90         0.73         1.00         0.99         0.70         1.00         0.99         0.77         1.00         0.99         0.70         0.73         24         23         20         23         23         23         23         23         23         23         23         23         23         23         24         23         20         23         20         21         23         20         21         23         20         21         23         23         23         23         23         23         23         23         24         23         20         23         23         24         23         20         23         23         24         23         24         23         24         23         24         23         24         23         24         23         24         23         24         24         448         449         444         448         443         443         444         448         443         443         443         443         444         448         4			$\vdash$	47.47	48.39	50.68	54.07	46.37	47.26	49.50	1	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79		1			14.26
24         3.66         3.64         4.16         4.16         4.17         4.04         4.18         4.16         4.16         4.17         4.04         4.18         4.16         4.16         4.16         4.17         4.18         4.16         4.16         4.16         4.17         4.18         4.16         4	22         19         24         24         23         20         23         20         23         24         23         24         23         24         24         43         43         43         43         43         43         43         43         43         43         43         43         43         43         43<			S/T	0.99	96.0	98.0	0.70	1.00	0.99	06.0		1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	08.0				0.80
356         366         365         3.67         3.88         3.91         4.02         4.14         4.01         4.02         4.21         4.34         4.15         4.14         4.02         4.14         4.01         4.02         4.01         4.03         4.01         4.02         4.14         4.02         4.15         4.15         15.2         15	3.56         3.63         3.70         3.80         3.91         4.02         4.14         4.01         4.02         4.21         4.34         4.15         4.14         4.02         4.14         4.01         4.02         4.14         4.01         4.02         4.14         4.01         4.02         4.14         4.02         4.14         4.01         4.02         4.01         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.01         4.02         4.01         4.02         4.02         4.01         4.02 <th< th=""><th></th><th></th><th>ΔT</th><th>24</th><th>24</th><th>22</th><th>19</th><th>24</th><th>24</th><th>23</th><th>20</th><th>23</th><th>24</th><th>23</th><th>20</th><th>23</th><th>23</th><th>23</th><th>20</th><th>21</th><th>22</th><th>22</th><th>19</th><th>20</th><th>20</th><th>21</th><th>18</th></th<>			ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18
13.3 13.1 13.4 13.4 13.9 14.4 14.2 14.6 15.1 15.6 15.5 15.6 15.1 16.7 16.7 16.7 16.7 17.8 17.8 17.2 13.6 13.7 13.8 13.9 13.9 13.2 13.2 13.2 13.2 13.2 14.0 15.3 13.3 14.0 15.3 13.3 14.0 15.3 14.0 14.1 14.1 14.1 14.1 14.1 14.1 14.1	12.8 13.3 13.1 13.4 13.9 14.4 14.2 14.6 15.1 15.6 15.6 15.1 16.7 16.7 16.7 16.7 16.7 17.   274 285 270 291 307 320 307 331 349 364 350 377 398 415 16.3 16.4 14.9 16.   275 25.5 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 10.0 10.0 10.0 10.0 10.0 10.0 10.0		1800	××	3.40	3.46	3.56	3.66	3.63	3.70	3.80	3.92	3.83	3.91	4.02	4.14	4.01	4.09	4.21	4.34	4.16	4.25	4.38	4.51			1.52	4.66
247         285         270         281         340         354         364         350         377         386         415         394         416         417         418         469         470         418         416         153         140         153         410         153         416         155         133         146         155         140         153         418         419         153         440         450         307         480         307         480         407         418         460         501         420         450         480         407         418         460         501         400         609 <th>274         285         270         291         307         331         349         364         350         377         398         415         394         448         469         364         350         377         398         415         394         448         469         501         429         149         149         149         149         149         148         46.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         100         100         0.99         0.89         0.99         0.99         0.99         0.99         0.90         0.99         0.99         0.99         0.91         100         0.99</th> <th></th> <th></th> <th>Amps</th> <th>12.1</th> <th>12.4</th> <th>12.8</th> <th>13.3</th> <th>13.1</th> <th>13.4</th> <th>13.9</th> <th>14.4</th> <th>14.2</th> <th>14.6</th> <th>15.1</th> <th>15.6</th> <th>15.2</th> <th>15.6</th> <th>16.1</th> <th>16.7</th> <th>16.2</th> <th>16.6</th> <th>17.1</th> <th>17.8</th> <th></th> <th></th> <th>18.2</th> <th>18.9</th>	274         285         270         291         307         331         349         364         350         377         398         415         394         448         469         364         350         377         398         415         394         448         469         501         429         149         149         149         149         149         148         46.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         42.9         43.7         45.8         48.8         40.9         50.1         100         100         0.99         0.89         0.99         0.99         0.99         0.99         0.90         0.99         0.99         0.99         0.91         100         0.99			Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.6	15.2	15.6	16.1	16.7	16.2	16.6	17.1	17.8			18.2	18.9
49.2 52.5 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 42.9 43.7 45.8 48.8 40.7 41.5 140 171 143  49.2 52.5 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 1.00 1.00 0.90 0.73 1.00 1.00 0.94 0.75 1.00  23. 20 6.5 6.9 0.95 0.85 0.69 1.00 0.97 0.88 0.71 1.00 1.00 0.90 0.73 1.00 1.00 0.94 0.75 1.00  23. 20 6.5 25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	49.2 52.5 45.0 45.9 48.1 51.3 44.8 46.9 50.1 42.9 13.7 140 153 163 163 138 147 160 69.2 69.2 52.5 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 42.9 43.7 45.8 48.8 40.7 41.5 43.5 6.8 6.6 9 1.00 0.97 0.88 0.71 1.00 1.00 0.90 0.73 1.00 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.90 0.70 1.00 0.70 0.70 0.70 0.70 0.70 0.7			Hi PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467			495	516
49.5 5.5. 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 42.9 43.7 45.8 48.8 40.7 41.5 43.5 46.4 37.7 40.8 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2 6.2	49.5 52.5 45.0 45.9 48.1 51.3 43.9 44.8 46.9 50.1 42.9 43.7 45.8 48.8 40.7 41.5 43.5 0.89 0.95 0.85 0.69 0.90 0.90 0.90 0.90 0.90 0.90 0.90			Lo PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171			166	177
0.82 0.67 0.98 0.95 0.85 0.69 1.00 0.97 0.88 0.71 1.00 1.00 0.90 0.73 1.00 1.00 0.94 0.76 1.00 1.00 0.94 0.76 1.00 1.31 0.35 0.85 0.69 1.00 0.95 0.85 0.69 1.00 0.97 0.88 0.71 1.00 1.00 0.90 0.79 1.00 1.00 0.94 0.76 1.00 1.20 0.35 0.83 0.83 0.83 0.83 0.83 0.83 0.83 0.83	0.82         0.64         0.98         0.95         0.88         0.71         1.00         0.90         0.73         1.00         1.00         0.99           23         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         21         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         20         25         24         23         4         21         26         25         24         23         4         4         4         4         4 <th></th> <th></th> <th>MBh</th> <th>46.1</th> <th>47.0</th> <th>49.2</th> <th>52.5</th> <th>45.0</th> <th>45.9</th> <th>48.1</th> <th>51.3</th> <th>43.9</th> <th>44.8</th> <th>46.9</th> <th>50.1</th> <th>42.9</th> <th>43.7</th> <th>45.8</th> <th>48.8</th> <th>40.7</th> <th>41.5</th> <th>43.5</th> <th>46.4</th> <th></th> <th></th> <th>40.3</th> <th>43.0</th>			MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4			40.3	43.0
23 2.0 2.5 2.5 2.4 2.0 2.5 2.5 2.4 2.0 2.5 2.5 2.4 2.0 2.5 2.5 2.4 2.1 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.4 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3	23 26 25 25 25 24 20 25 25 24 20 25 25 24 20 25 25 24 20 25 25 24 21 23 24 23 3.53 3.63 3.60 3.67 3.78 3.89 3.89 3.89 4.11 3.98 4.06 4.18 4.31 4.13 4.22 4.32 12.7 13.2 13.2 13.3 13.7 14.2 14.1 14.4 14.9 15.5 15.1 15.4 16.0 16.6 16.0 16.4 17.0 17.1 14.4 14.9 15.5 15.1 15.4 16.0 16.0 16.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17			S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	69.0	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	92.0			0.95	0.77
12.7 13.2 13.0 3.67 3.78 3.89 3.80 3.88 3.99 4.11 3.98 4.10 4.18 4.31 4.13 4.22 4.34 4.48 4.20 4.10 1.10 1.20 1.3.3 13.7 14.2 14.1 14.4 14.9 15.5 15.1 15.4 16.0 16.0 16.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	5.53         3.60         3.60         3.60         3.80         3.80         4.80         4.11         4.12         4.13         4.13         4.22         4.32           12.7         13.2         13.6         3.60         3.80         3.88         3.99         4.11         1.60         1.70         1.	i	0		7.55	25	23	7 50	7.5	25	24	707	7.55	7.65	24	77	25	75,	7,70	7.7	23	733	73	707				. T.9
12.7 13.2 13.0 13.3 13.7 14.2 14.1 14.4 14.9 15.5 15.1 15.4 16.0 15.0 15.0 15.0 15.0 15.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17	12.7 13.2 13.0 13.3 13.7 14.2 14.1 14.4 14.9 15.5 15.1 15.4 16.0 16.6 16.0 16.4 17.1 12.1 13.2 13.3 268 288 30.4 317 30.4 328 34.6 36.1 34.7 373 39.4 411 390 420 443 45.1 13.1 14.0 11.0 11.0 12.2 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	Ç O	TPOO	^^ .	5.50	5.44	5.03	5.03	3.00	3.07	0.70	5.89 0.89	3.8U	0.00	5.99	4.LT	5.75 5.75	4.05	4.TØ	4.3.I	4.13	4.22	4.04	φ. t. t. α				4.02
271 283 288 288 288 394 317 304 328 340 351 341 352 394 411 350 420 420 443 402 431 401 411 411 411 411 411 411 411 411 41	2/1         283         294         31/1         304         328         340         351         347         343         347         347         343         347         347         343         441         441         444         473         444         473         466         41.3         41.3         46.2         340         347         343         46.2         347         343         46.2         340         347         343         46.2         346         46.3         46.2         47.3         46.2         34.2         45.1         37.6         38.3         40.1           0.79         0.64         0.95         0.91         0.94         0.84         0.68         1.00         0.97         0.87         0.71         1.00         1.00         0.97           24         21         26         25         24         21         26         26         24         27         25         25         24           346         3.56         3.59         3.69         3.90         4.02         3.89         3.97         4.09         4.12         4.04         4.12         4.0         4.12         4.0         4.12         4.0         4.12         4.0			Amps	12.U	12.3	12.7	13.2	13.0	13.3	13./	14.2	14.1	14.4	14.9	15.5	15.1	15.4	16.U	16.6	16.0	16.4	17.0	17.6			0.87	T8./
131 140 119 127 139 148 124 132 144 154 130 139 152 161 137 145 159 169 141  45.4 48.5 41.5 42.4 44.4 47.3 40.6 41.3 43.3 46.2 39.6 40.3 42.2 45.1 37.6 38.3 40.1 42.8 34.8 40.0 57.9 0.79 0.74 0.79 0.64 0.95 0.91 0.82 0.67 0.79 0.84 0.84 0.84 0.89 1.00 0.97 0.87 0.71 1.00 1.00 0.90 0.73 1.00 1.00 0.39 0.73 1.00 1.34 2.5 24 21 2.5 24 21 2.5 24 21 2.5 24 2.1 2.5 2.5 24 2.1 2.3 3.40 1.31 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 17.1 16.5 12.1 12.1 13.1 13.1 13.2 13.2 13.2 13.2	131         140         119         127         139         148         124         132         144         154         132         144         154         132         144         154         132         144         154         132         148         154         130         139         152         161         137         145         156           45.4         48.5         41.5         42.4         44.4         47.3         40.6         41.3         43.2         39.6         40.3         42.2         45.1         37.6         38.3         40.1           24         21         26         25         24         21         26         26         24         21         20         3.89         3.97         40.9         42.1         40.4         41.2         42.2           3.46         3.56         3.59         3.69         3.80         3.70         4.02         3.89         3.97         4.09         4.21         4.04         4.12         4.22           12.3         1.28         13.3         13.3         13.3         13.3         13.3         13.3         13.3         13.3         13.3         13.3         13.3         13.3			Ξ Ξ	738	797	7/7	783	798	788	304	31/	304	278	346	36I	34/	3/3	394	411	390	470	443	794			490	PITS
45.4 48.5 41.5 42.4 44.4 47.3 40.6 41.3 43.3 46.2 39.6 40.3 42.2 45.1 37.6 38.3 40.1 42.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34	45.4 48.5 41.5 42.4 44.4 47.3 40.6 41.3 43.3 46.2 39.6 40.3 42.2 45.1 37.6 38.3 40.1 0.79 0.64 0.95 0.91 0.82 0.67 0.97 0.94 0.84 0.68 1.00 0.97 0.87 0.71 1.00 1.00 0.99 0.94 0.84 0.68 1.00 0.97 0.87 0.71 1.00 1.00 0.99 0.94 0.94 0.84 0.68 1.00 0.97 0.87 0.71 1.00 1.00 0.99 0.94 0.95 3.53 3.59 3.59 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 2.5 25 24 2.1 12.3 12.8 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 16.3 12.7 13.8 13.8 13.8 13.8 13.8 13.8 13.8 13.8			Lo PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169			164	175
0.79 0.64 0.95 0.91 0.82 0.67 0.97 0.94 0.84 0.68 1.00 0.97 0.87 0.71 1.00 1.00 0.90 0.73 1.00 1.00 0.90 0.73 1.00 24 21 26 25 24 21 26 25 24 21 22 22 24 21 23 23.59 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 4.37 4.17 12.0 12.8 12.8 12.8 12.8 12.8 12.8 13.8 13.8 13.8 13.8 13.8 13.8 13.8 13	0.79 0.64 0.95 0.91 0.82 0.67 0.97 0.94 0.84 0.68 1.00 0.97 0.87 0.71 1.00 1.00 0.99 0.99 0.87 0.71 1.00 1.00 0.99 24 21 26 25 24 21 26 26 24 21 25 24 21 26 25 24 21 26 26 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 25 24 21 25 24 21 25 24 21 25 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 24 21 25 25 24 21			MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8			37.2	39.7
24 21 26 25 24 21 26 25 24 21 2 6 25 24 21 2 6 26 24 21 2 6 25 24 21 2 33 3.46 3.56 3.53 3.59 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 4.37 4.17 12.3 12.8 12.6 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 17.1 16.5 26.3 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 430 448 418 27.3 12.4 13.5 13.5 14.3 12.0 12.8 14.0 14.9 12.7 13.5 14.7 15.7 13.3 14.1 15.4 16.4 13.7  Shaded area reflects AHRI (TVA) Rating Conditions	24 21 26 25 24 21 26 25 24 21 2 6 25 24 21 2 6 26 24 21 2 5 24 21 3 69 3.69 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 21.2 3.29 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 2.2 25 24 2.2 25 24 2.2 25 2.2			S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73			0.91	0.74
3.46 3.56 3.53 3.59 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 4.37 4.17 4.17 12.0 13.2 12.8 12.6 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 17.1 16.5 16.5 17.1 16.5 16.5 17.1 16.5 16.5 17.1 16.5 16.5 17.1 16.5 16.5 17.1 16.5 17.1 16.5 12.1 12.1 13.5 14.3 13.5 14.0 14.9 14.0 14.9 12.7 13.5 14.7 15.7 13.3 14.1 15.4 16.4 13.7 13.7 14.0 13.5 14.1 15.4 16.4 13.7 13.7 13.5 14.5 15.5 16.5 17.1 15.5 16.5 17.1 15.5 16.5 17.1 16.5 17.1 15.5 17.1 16.5 17.1 15.5 17.1 16.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 15.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.5 17.1 17.1	3.46 3.56 3.53 3.59 3.69 3.80 3.72 3.79 3.90 4.02 3.89 3.97 4.09 4.21 4.04 4.12 4.24 12.12 12.3 12.8 12.6 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 263 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 430 127 136 116 123 135 143 120 128 140 149 127 135 147 157 135 147 157 139 141 154 shaded area reflects AHRI (TVA) Rating Conditions			ΔT	25	25	24	21	56	25	24	21	56	25	24	21	56	56	24	21	25	25	24	21			22	19
12.3 12.8 12.6 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 17.1 16.5 263 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 430 448 418 127 136 116 123 135 143 120 128 140 149 127 135 147 157 133 141 154 164 137 shaded area reflects AHRI (TVA) Rating Conditions	12.3 12.8 12.6 12.9 13.3 13.8 13.7 14.0 14.5 15.1 14.7 15.0 15.5 16.1 15.6 16.0 16.5 263 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 43C 127 136 116 123 135 143 120 128 140 149 127 135 147 157 133 141 154 Shaded area reflects AHRI (TVA) Rating Conditions		1400	××	3.31	3.37	3.46	3.56	3.53	3.59	3.69	3.80	3.72	3.79	3.90	4.02	3.89	3.97	4.09	4.21	4.04	4.12	4.24	4.37			1.38	4.51
263 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 430 448 418 127 136 116 123 135 143 120 128 140 149 127 135 147 157 133 141 154 164 137 shaded area reflects AHRI (TVA) Rating Conditions	263 274 260 279 295 308 295 318 335 350 336 362 382 399 378 407 436			Amps	11.7	12.0	12.3	12.8	12.6	12.9	13.3	13.8	13.7	14.0	14.5	15.1	14.7	15.0	15.5	16.1	15.6	16.0	16.5	17.1			17.5	18.2
127 136   116 123 135 143   120 128 140 149   127 135 147 157   133 141 154 164   137   137   138 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   137   139 141 154 164   139 141 164   139 141 164   139 144	127   136   116   123   135   143   120   128   149   127   135   141   154   154   154   154   154   154   154   154   154   154   154   154   154   154   154   155			Hi PR	231	249	263	274	260	279	295	308	295	318	332	350	336	362	382	399	378	407	430	448			475	495
Shaded area reflects AHRI (TVA) Rating Conditions	Shaded area reflects AHRI (TVA) Rating Conditions			Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164			159	170
		IDB: Ente	ring Indo	or Dry Bu	lb Temp	erature								•	Shaded a	rea reflec	cts AHRI (	'TVA) Rai	ing Cond	itions					Ā	W = Tota	l system	power

												ō	TDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	RATURE						ŀ				
				65ºF	۳ <sub>ا</sub>			75º	<u>ا</u>			85ºF	_	$\dashv$		95ºF		1		105ºF		1		115ºF		
		Ī	j						ĺ			ENTERII	ENTERING INDOOR WET	OR WET		MPERA	rure	-	-				ł	ŀ		
IDB	AIRFLOW	wo	- 65	63	29	71	- 29	63	29	71	29	63		7.1	_	— 83		71	_	_	29	71	_	_		71
		MBh	55.9	57.9	63.4		54.6	56.5	62.0	,	53.3	55.2	60.5	1		53.9	29.0	1			56.1	- 4			51.9	,
		S/T	0.75	0.63	0.44	,	0.78	0.65	0.45	,	0.80	0.67	0.46	1		69.0	0.48	1		0.72 (	0.50	-		0.72 0.	0.50	_
		ΔT	19	17	13	,	19	17	13	ı	19	17	13	1		17	13	ı			13	1			12	1
	2025	≥	4.11	4.19	4.31	,	4.40	4.49	4.62	,	4.66	4.75	4.90	,		4.99	5.14	,		5.18	5.34	- 2	5.24 5	5.35 5.	5.52	_
		Amps	14.5	14.8	15.3	-	15.7	16.1	16.6	-	17.1	17.5	18.1	-	18.3	18.7	19.3	-	19.4	19.9	20.6	- 2	20.6 21	21.1 21	21.9	_
		Hi PR	225	242	255	-	252	271	287	1	287	309	326	1	327	352	371	1	367	395	418	7	406 43	437 46	461	
		Lo PR	102	108	118	1	108	115	125	1	112	119	130	1		125	137	ı		131	143		127 13	136 14	148	-
		MBh	54.2	56.2	61.6	1	53.0	54.9	60.1	,	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	- 4	44.4 46	46.0 50	50.4	
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	1	0.76	0.64	0.44	-		99.0	0.46	-			0.47				0.48	
		Ϋ́	20	17	13	ı	20	17	13	1	20	17	13	'		18	13	-			13	-			12	-
70	1800	<b>≥</b>	4.08	4.16	4.78		4.37	4.46	4.59	,	4.67	4.72	4.86	,		4.95	5.10	,		_	5.30	- 1			5.48	,
2	8	Ampe	5 7	1/17	15.7		С. Т.	0 0 0	7. T.	-	16.0	17.3	17.9			. α . π	10.7				20.00	-			7 1 7	
		2 2 3	14:4 222	730	753		250	269	787		287	2./I	373			278	368				413				ZI./ A57	
		D DR	101	107	117	-	107	113	124	1	111	118	129	,		124	135				142				147	
	T	492	101	110	11,	T	1001	507	177	T	777	10 0	EA 2	t		10.0	0 0	t			27.7				75.	
		IMBN 6	J.00	9.TC	50.00		4 6 7 6	50.7	0.00		7.7	49.0	24.2			46.3	57.3				20.7	1			U.0	
		//	0.69	0.58	0.40		0.72	0.60	0.42		0.74	0.61	0.43		0	0.63	0.44	1	_	_	0.46	- -		_	0.46	,
		ΔT	20	18	13		20	18	13	ı	21	18	13	1		18	14	ı			13	1			12	,
	1575	≷	3.99	4.07	4.18	,	4.27	4.35	4.48	,	4.52	4.61	4.75	,	Ì	4.83	4.98	-		5.02	5.18	- 2	5.08 5.	5.19 5.	5.35	
		Amps	14.0	14.3	14.8	,	15.1	15.5	16.0	,	16.4	16.8	17.4	-	17.6	18.0	18.6	,	18.7	19.2	19.8	-	19.9 20	20.4 21	21.0	,
		Hi PR	216	232	245	1	242	261	275	,	275	296	313	-	314	338	356	1	353	380	401	- 1	390 47	420 4	443	
		Lo PR	86	104	114	-	103	110	120	-	108	114	125	_	113	120	131	-		126	137	-	122 13		142	-
																		,				,				
		MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	98.99	54.16	, ,	60.36			_	_	_		~		_	_		51.82 55	55.62
		S/T	98.0	0.77	0.58	0.37	0.89	0.79	09.0	0.39	0.91	0.81	0.62	0.40	0.94 (	0.84	0.64	0.41	0.97	0.87 (	0.66	0.42 C	0.98 0.	0.88 0.	0.67 0.	0.43
	_	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21 1	19 1	16	11
	2025	Ş	4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.02	5.18	5.34	5.12	5.22	5.39	5.56 5	5.29 5.	5.40 5.	5.57 5.	5.75
		Amps	14.6	15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1	20.8	21.6 2	20.8 21	21.3 22	22.1 2	22.9
		Hi PR	227	244	258	269	255	274	289	302	290	312	329	343		355	375	391								486
		Lo PR	103	110	120	127	109	116	126	135	113	120	131	140		126	138	147				$\dashv$				159
		MBh	55.1	56.8	61.5	0.99	53.9	55.5	0.09	64.4	52.6	54.1	58.6	67.9		52.8	57.2	61.4								54.0
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	_	0.80	0.61	0.39			~	_	_			0.41
		ΔT	23	21	17	12	23	21	18	12	23	21	18	12		22	18	12				_				11
75	1800	≥	4.11	4.19	4.31	4.44	4.40	4.49	4.62	4.76	4.66	4.75	4.90	5.05	4.89	4.99	5.14	5.30				_				5.70
		Amps	14.5	14.8	15.3	15.9	15.7	16.1	16.6	17.2	17.1	17.5	18.1	18.8		18.7	19.3	20.1								22.7
		Hi PR	225	242	255	766	252	271	287	299	287	309	326	340		352	371	387				_				481
		Lo PR	102	108	118	126	108	115	125	133	112	119	130	139		125	137	146				-				158
		MBh	50.9	52.4	26.7	6.09	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3 4	48.75	52.8			46.3		53.8 4			46.4 49	49.8
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36		0.77	0.58		_		0.61		0.90 0.		0.61 0.	0.39
		ΔT	23	22	18	12	24	22	18	12	24	22	18	12		22	18	12				_				11
	1575	×	4.02	4.10	4.22	4.34	4.30	4.39	4.52	4.65	4.55	4.64	4.78	4.93	4.77	4.87	5.02	5.17			5.22					5.56
		Amps	14.1	14.4	14.9	15.5	15.3	15.6	16.1	16.8	16.6	17.0	17.6	18.2		18.2	18.8	19.5	_							22.1
		Hi PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376							448 4	467
		Lo PR	66	105	115	122	105	111	121	129	109	116	126	134	114	121	133	141	120	127	139	148	124 13	132 1	144 1	153
IDB: Ente	ring Indo	IDB: Entering Indoor Dry Bulb Temperature	ılb Temp€	rature								S	haded are	a reflect	shaded area reflects ACCA (TVA) Rating Conditions	VA) Rati	ng Condi	ions					Ϋ́	kW = Total system power	system p	ower
High and	low press	sures are	measure	d at the	liquid an	d suctior	High and low pressures are measured at the liquid and suction service valves.	/alves.													Amps	s = Outdo	Amps = Outdoor unit amps (compressor + fan)	lmoo) sdu	pressor	+ fan)

												ō	JTDOOR	OUTDOOR AMBIENT TEMPERATURE	T TEMPE	RATURE										
				65	65ºF			7.5	75ºF			85≗F	<u>ب</u>			95ºF	L			105ºF	L			115ºF		
												ENTERI	NG INDC	ENTERING INDOOR WET BULB TEMPERATURE	· BULB Te	MPERA	rure									
BQI	AIRF	AIRFLOW	29	63	29	71	29	63	<b>29</b>	71	29	63		71	- 65	— 83		71	 26	 63	-		29 (	<b>—</b>		71
		MBh	57.81	59.07	63.11	67.47	56.47	۵,		65.90	55.12	56.33	60.18	m		10			_		_	<u> </u>		. 0	7.	5.23
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59			01		_			0.62
	2025	- ×	4 17	4.25	4.38	4.51	447	4.56	4.69	4.84	4.73	4 8 3	4.97	5.13	24 4.96	5.06	5.22			5.27	5.43	77	533 5	22 5.44	7.61	LJ 79
		_		15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8							23.1
		Hi PR		247	261	272	257	277	292	305	293	315	333	347	333	359	379		375	404						491
		Lo PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	148	126	134		_	130 1	138	151	161
		MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	6.09			54.2	57.9 4				53.6
		S/T	06:0	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	_	.0			_			0.59
			56	25	21	17	26	25	22	17	56	25	22	17	56	25	22	17	25							16
8	1800	××	4.14	4.22	4.34	4.47	4.43	4.52	4.66	4.80	4.69	4.79	4.94	5.09	4.92	5.03	5.18	5.34	5.12							5.75
		Amps		15.0	15.5	16.1	15.8	16.2	16.8	17.4	17.2	17.7	18.2	18.9	18.4	18.9	19.5	20.3	19.6	20.1						22.9
		Hi PR		244	258	269	255	274	290	302	290	312	329	343	330	355	375	391	371	400	422	440			466	486
		LO PR	IU3	OTT	07T	127	TOP	110	12b	135	113	120 E0 E	131	140	TIB 10 7	126	138	14/				+	129	13/		LSS
		IIGINI L/S	0.1.0	0.25	0.00	0.00	0.00	0.1.7	0.68	0.51	49.4	0.86	0.50	0.75	46.7 0.95	43.7 0.89	0.25			0.04						0.57
		· -	2,50	7.0	20.00	5 - 5	2,5		22.0	2 2	26.0	С	2	10.0	7.0	26	27.5	5 0								15,
	1575		201	C7	22 7 7 7	137	7 23	C	7 Z Z	7 69	7 50	27	7.87	7 0 V	7 8 1	7 9 1	2.2 F. O.S	T 22		7 10			.,		~	- LO T
			5.5	4.LC	7.4	1.5.4 A 7.1	1.C	1. t	t. 7.	5.4	7.77	17.0	17.7	; ×	17.01	; t	0.00	7.52		7.TO						20.01
			27.7	737	13.T	761	2/17	266	781	203	781	20.71	210	10.4	5.71 220	277	26.7	370	13.1	288						C.22
				707	220	707	747	2007	107	253	740	302	0.1.0 4.0.1	000	020	1 6	100	0/0	200	000						7 1
		Lo PR	100	106	116	124	106	112	123	131	110	117	127	136	115	123	134	143	121	129	140	149 1	125 1	133	145	155
							-	- 1		-				_ <b> </b> _				⊢				-				
		MBh	58.82	29.96	62.80	_		_ ,		65.44	26.09	57.17	29.88	63.88						_		<u> </u>		~		54.84
		S/T	0.98	0.95	0.86	0.70	1.00	0	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00			_	_			0.80
			56	56	24	21	56	56	25	21	25	26	25	21	25	25	25	22	24	24						20
	2025			4.28	4.41	4.54	4.50	4.59	4.73	4.87	4.77	4.86	5.01	5.17	2.00	5.10	5.26	5.43	5.20	5.31						5.84
		Amps		15.3	15.8	16.4	16.1	16.5	17.1	17.7	17.5	18.0	18.6	19.3	18.8	19.2	19.9	20.7	20.0	20.5						23.4
		Hi PR		249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408						496
		Lo PR	_	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150		135	ı	$\dashv$				163
		MBh	57.1	58.2	61.0	65.0	55.8	56.9	9.69	63.5	54.5	55.5	58.1	62.0	53.1	54.2	26.7	60.5		51.4		57.5 4	•			53.2
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	69.0	1.00	96.0	0.87	0.71	1.00	66.0	06.0	0.73	1.00						_	0.76
			27	27	25	22	28	27	26	22	28	27	56	22	27	27	56	22			26					21
82	1800			4.25	4.38	4.51	4.47	4.56	4.69	4.84	4.73	4.83	4.97	5.13	4.96	2.06	5.22	5.39								5.79
		Amps		15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5		20.3						23.1
		Hi PR		247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404		444				491
		LO PR	104 52.7	1111 53.7	121	129 60.0	110	11/ 53 E	128 EE 0	136 506	114 E0 2	122	133	141	120	128 50.0	139 57.2	+		134 17 E	146	+	130	138	151	161
		NEW P	7.70	7.00	00.0	0.00	0.1.0	0.20	0.00	0.00	0.00	2.1.c	7.00	7.70	0.0	0.00	0.70		0.0							1.64 1.7
		1/S Tv	U.9.I	77	97.0	7.7	0.94	18.U	787 76	0.66	0.96	95	7.5 2.6	73	0.99 28	0.96 28	0.85			96.U	) J. J.	U./3 I	1.00 I	7.6 2.6		7.73
	1575		007	7 16	0,4	777	7 2 7	2 7 7	0 7	CZ /	27	27	707	2 2	707	2 7	27	20	/ 7	27					_	77
	C/CT	_		17.7	15.7	ή. 1 α	15.7 7 7 1	7.4 0 17 L	4.7.7 7.7.7	17.7	16.02	17.7	00.1	10.01		т. С. ч.	J.TO	19.20	10.0	7.T4						7. C
		Hi PR		239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391				•		476
		Lo PR		107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130						156
IDB: Ente	ring Indo	IDB: Entering Indoor Dry Bulb Temperature	ulb Temr	berature								8	haded ar	Shaded area reflects AHRI (TVA) Rating Conditions	S AHRI (T	VA) Ratir	Le Condit	ions					N	kW = Tota	Total system power	power
High and	llow pre	High and low pressures are measured at the liquid and suction service valves	e measur	red at the	liquid a	nd suctio	ın service	valves.					i i			!	0	!			Amp	Amps = Outdoor unit amps (compressor + fan)	or unit aı	mps (con	npressor	+ fan)

## GSZ130181A\* / AR\*F182416\*\*

							Oı	JTDOOR	АМВІЕ	NT TEM	IPERATU	RE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.4	20.2	19.0	17.8	17.0	16.5	15.3	14.1	13.3	12.3	11.3	10.7	10.3	9.2	8.2	7.2	6.1	5.0
ΔΤ	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	20.6	19.0	17.5	16.5	15.9	14.3	12.7	11.0	9.4	7.7
kW	1.68	1.64	1.61	1.58	1.6	1.54	1.51	1.48	1.46	1.42	1.39	1.37	1.36	1.32	1.29	1.26	1.23	1.19
Amps	7.3	6.7	6.3	5.9	5.7	5.6	5.3	5.0	4.8	4.6	4.3	4.2	4.2	4.0	3.7	3.5	3.2	2.9
COP	3.73	3.60	3.46	3.30	3.19	3.12	2.96	2.79	2.68	2.53	2.39	2.29	2.22	2.04	1.86	1.66	1.46	1.22
EER	12.8	12.3	11.8	11.3	10.9	10.7	10.1	9.5	9.2	8.7	8.2	7.8	7.6	7.0	6.3	5.7	5.0	4.2
Hi PR	392	375	361	345	337	331	318	305	292	279	268	262	257	247	238	228	220	212
Lo PR	145	134	126	115	109	105	96	86	77	69	61	57	55	46	40	34	29	23

# GSZ130241B\*/ AR\*F182416\*\*

							Ot	JTDOOR	Амвіє	NT TEM	PERATU	RE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.9	27.4	25.8	24.1	23.0	22.3	20.7	19.1	16.9	15.6	14.3	13.6	13.0	11.7	10.4	9.1	7.7	6.3
ΔΤ	33.5	31.7	29.8	27.9	26.6	25.8	24.0	22.1	19.5	18.0	16.6	15.7	15.1	13.6	12.0	10.5	8.9	7.3
kW	2.17	2.12	2.08	2.04	2.0	2.00	1.96	1.91	1.80	1.76	1.72	1.70	1.68	1.64	1.60	1.57	1.52	1.49
Amps	10.1	9.3	8.7	8.2	7.9	7.7	7.3	6.9	6.6	6.3	6.0	5.9	5.8	5.5	5.2	4.9	4.5	4.0
COP	3.91	3.77	3.62	3.46	3.34	3.27	3.10	2.92	2.74	2.59	2.44	2.33	2.27	2.08	1.89	1.69	1.48	1.25
EER	13.3	12.9	12.4	11.8	11.4	11.2	10.6	10.0	9.4	8.8	8.3	8.0	7.7	7.1	6.5	5.8	5.1	4.3
Hi PR	413	395	380	364	355	348	335	321	308	294	282	275	271	260	250	240	231	223
Lo PR	131	122	114	105	99	95	88	78	70	63	55	51	50	42	36	30	27	21

# GSZ130301A\* / AR\*F30301\*\*

							Οι	JTDOOR	Амвіє	NT TEM	PERATU	RE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	33.2	31.4	29.6	27.6	26.4	25.6	23.8	21.9	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔΤ	29.3	27.7	26.1	24.4	23.3	22.6	21.0	19.3	17.6	16.2	14.9	14.1	13.6	12.2	10.8	9.4	8.0	6.6
kW	2.52	2.47	2.42	2.37	2.3	2.32	2.28	2.23	2.37	2.32	2.26	2.23	2.21	2.16	2.11	2.05	2.00	1.95
Amps	9.7	9.0	8.5	8.0	7.7	7.6	7.2	6.9	6.6	6.3	6.0	5.9	5.8	5.6	5.2	5.0	4.6	4.2
COP	3.86	3.72	3.57	3.41	3.29	3.22	3.05	2.88	2.46	2.32	2.19	2.10	2.04	1.88	1.70	1.52	1.34	1.12
EER	13.2	12.7	12.2	11.6	11.3	11.0	10.4	9.8	8.4	7.9	7.5	7.2	7.0	6.4	5.8	5.2	4.6	3.8
Hi PR	366	351	337	323	315	309	297	285	273	261	250	244	240	231	222	213	205	198
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

# GSZ130361B\* / AR\*F364216\*\*

							Οι	JTDOOR	Амвіє	NT TEM	PERATU	RE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	42.0	39.7	37.4	35.0	33.4	32.4	30.1	27.7	24.8	22.9	21.1	19.9	19.2	17.2	15.3	13.3	11.4	9.3
ΔΤ	38.4	36.4	34.2	32.0	30.6	29.6	27.5	25.4	22.7	21.0	19.3	18.2	17.6	15.8	14.0	12.2	10.4	8.5
kW	2.72	2.68	2.63	2.58	2.55	2.53	2.48	2.43	2.31	2.26	2.21	2.19	2.17	2.12	2.08	2.03	1.98	1.94
Amps	14.7	13.7	12.8	12.1	11.7	11.5	10.8	10.3	9.9	9.5	9.0	8.8	8.7	8.3	7.8	7.3	6.8	6.2
COP	4.01	3.86	3.69	3.51	3.38	3.30	3.12	2.93	2.75	2.58	2.42	2.31	2.24	2.05	1.85	1.64	1.43	1.20
EER	13.64	13.12	12.55	11.93	11.51	11.23	10.60	9.95	9.34	8.78	8.23	7.85	7.62	6.97	6.29	5.59	4.87	4.07
Hi PR	413	396	381	364	355	349	335	322	308	294	283	276	271	261	251	240	232	224
Lo PR	135	125	118	108	102	98	90	80	72	65	57	53	51	43	37	31	27	22

High pressure is measured at the suction service valve ( the larger valve). Low pressure is measured at the gauge port connection. Calculations are based on nominal CFM and 70  $^{\circ}$ F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan) kW = Total system power

# GSZ130421A\* / AR\*F36421\*\*

							Οι	JTDOOR	Амвіє	NT TEM	PERATU	RE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	50.3	47.6	44.8	41.9	40.0	38.8	36.0	33.2	29.9	27.6	25.4	24.0	23.1	20.7	18.4	16.0	13.7	11.2
ΔΤ	34.5	32.6	30.7	28.7	27.4	26.6	24.7	22.8	20.5	18.9	17.4	16.5	15.9	14.2	12.6	11.0	9.4	7.7
kW	3.60	3.53	3.46	3.39	3.4	3.32	3.25	3.18	3.24	3.16	3.09	3.05	3.02	2.95	2.88	2.80	2.73	2.66
Amps	16.9	15.6	14.5	13.6	13.1	12.9	12.1	11.5	10.9	10.4	9.9	9.7	9.5	9.0	8.4	7.9	7.2	6.4
COP	4.09	3.95	3.79	3.62	3.49	3.42	3.24	3.05	2.70	2.55	2.40	2.30	2.24	2.06	1.87	1.67	1.47	1.23
EER	14.0	13.5	12.9	12.4	11.9	11.7	11.1	10.4	9.2	8.7	8.2	7.9	7.6	7.0	6.4	5.7	5.0	4.2
Hi PR	368	353	340	325	317	311	299	287	275	262	252	246	242	232	223	214	207	199
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

# GSZ130481A\* /AR\*F48601\*\*

							Oı	JTDOOF	к Амвіє	NT TEM	PERATU	IRE						
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔΤ	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.93	3.87	3.80	3.73	3.7	3.66	3.59	3.52	3.37	3.30	3.23	3.19	3.17	3.10	3.04	2.97	2.90	2.84
Amps	18.2	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.4	10.9	10.6	10.5	9.9	9.3	8.7	8.1	7.3
COP	4.11	3.96	3.80	3.62	3.49	3.41	3.23	3.03	2.93	2.76	2.59	2.47	2.40	2.20	1.99	1.78	1.55	1.30
EER	14.1	13.5	13.0	12.4	11.9	11.7	11.0	10.4	10.0	9.4	8.8	8.5	8.2	7.5	6.8	6.1	5.3	4.4
Hi PR	380	364	350	335	327	321	308	296	284	271	260	254	249	240	231	221	213	206
Lo PR	129	119	112	103	97	93	86	76	69	62	54	50	49	41	35	30	26	20

# GSZ130601A\* / AR\*F48601\*\*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	44.9	41.4	38.1	36.0	34.7	31.1	27.6	24.0	20.5	16.8
ΔΤ	37.5	35.5	33.4	31.2	29.8	28.9	26.9	24.8	23.1	21.3	19.6	18.5	17.8	16.0	14.2	12.4	10.6	8.6
kW	5.21	5.11	5.01	4.92	4.9	4.82	4.72	4.63	4.66	4.56	4.46	4.40	4.36	4.26	4.16	4.06	3.96	3.86
Amps	24.0	22.2	20.7	19.5	18.8	18.4	17.3	16.4	15.7	15.0	14.2	13.9	13.7	13.0	12.1	11.3	10.5	9.4
COP	4.10	3.95	3.79	3.62	3.49	3.41	3.23	3.05	2.82	2.66	2.50	2.40	2.33	2.14	1.94	1.73	1.52	1.28
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	9.6	9.1	8.6	8.2	8.0	7.3	6.6	5.9	5.2	4.4
Hi PR	416	399	383	367	358	351	338	324	310	296	285	278	273	262	252	242	233	225
Lo PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

High pressure is measured at the suction service valve ( the larger valve). Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70  $^{\circ}\text{F}$  indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan) kW = Total system power

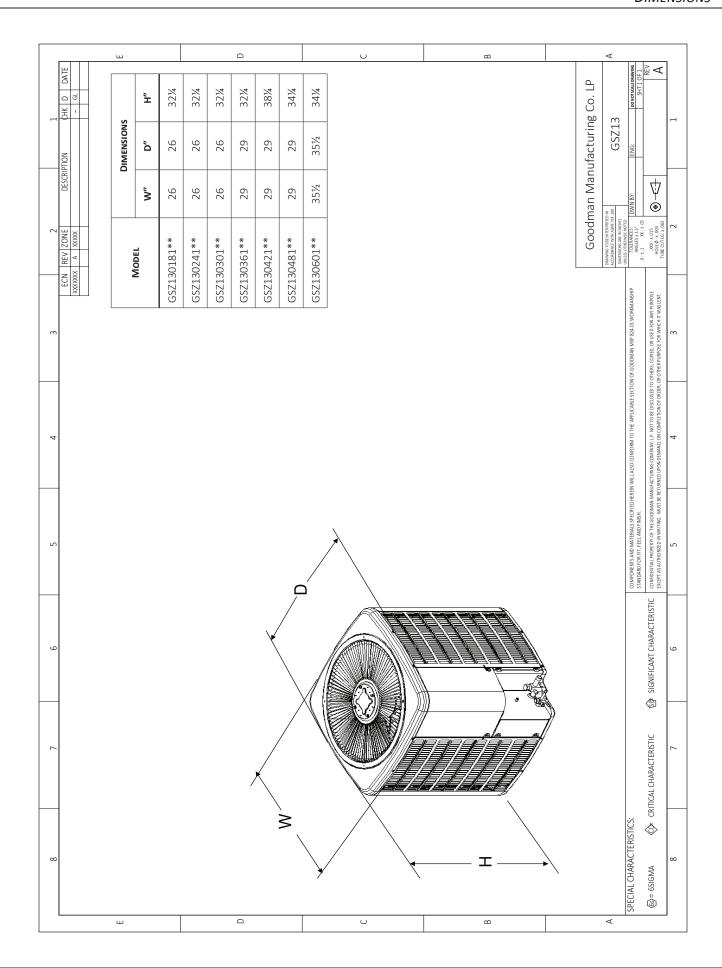
OUTDOOR	Indoor Units			COOLING RATINGS ^				TVA RATINGS <sup>3</sup>		HEATING RATINGS ^			
UNIT	COILS/AIR HANDLERS	FURNACES	TOTAL	SENS.	SEER 1	EER <sup>2</sup>	TOTAL	SENS.	Hı ⁴	HSPF ⁵	Low <sup>6</sup>	CFM	AHRI#
GSZ13 0181A*	AWUF31XX16A*		17,400	12,900	14.0	11.3	16,100	12,700	17,500	8.2	10,000	600	3629336
GSZ13 0241B*	AWUF31XX16A*		24,000	18,100	14.0	12.0	22,200	17,800	22,800	8.2	13,400	800	3842473
	AWUF32XX16A*		24,000	18,100	14.0	12.0	22,200	17,800	22,800	8.2	13,400	800	3842474
	CA*F1824*6D*+MBVC1200**-1A*		23,800	17,900	14.0	12.0	22,000	17,600	22,800	8.2	13,200	800	4150316
	CHPF2430B6C*+MBVC1200**-1A*		24,000	18,100	14.0	12.0	22,200	17,800	23,000	8.2	13,200	800	3842493
GSZ13 0301A*	CHPF2430B6C*+MBVC1200**-1A*		28,400	21,400	14.0	11.3	26,200	21,400	26,400	8.2	16,000	1,050	3610003
	ASPT42D14A*		35,200	26,800	14.0	12.0	32,600	26,000	33,000	8.2	21,200	1,280	6497875
	CA*F3642*6D*+MBVC1600**-1A*		35,200	26,800	14.0	11.5	32,600	26,000	32,000	8.2	20,000	1,200	3880695
GSZ13 0361B*	CA*F3743*6D*+MBVC1600**-1A*		35,000	26,600	14.0	11.3	32,400	26,000	34,000	8.2	20,000	1,200	6497888
	CHPF3642C6C*+MBVC1600**-1A*		34,800	26,400	14.0	11.5	32,200	25,800	32,600	8.2	20,000	1,200	3850501
	CHPF3642D6C*+MBVC2000**-1A*		35,200	26,800	14.0	12.0	32,600	26,000	32,000	8.5	20,000	1,150	3850543
	CA*F4860*6D*+TXV	G*E80805C*B*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	5038613
	CA*F4860*6D*+TXV	G*E81005C*B*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,420	5038685
	CA*F4860*6D*+TXV	A*EH800805C*A*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	6844561
	CA*F4860*6D*+TXV	A*EH801005C*A*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,420	6844623
GSZ13 0421A*	CHPF4860D6D*+MBVC1600**-1A*		41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	3610032
	CHPF4860D6D*+TXV	G*E80805C*B*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	5038639
	CHPF4860D6D*+TXV	G*E81005C*B*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,420	5038686
	CHPF4860D6D*+TXV	A*EH800805C*A*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,350	6844578
	CHPF4860D6D*+TXV	A*EH801005C*A*	41,000	29,000	14.0	11.3	38,000	30,000	40,500	8.2	24,000	1,420	6844625
	ASPT48D14A*		46,000	36,000	14.0	12.0	42,500	34,600	44,000	8.2	26,400	1,600	5796518
	ASPT60D14A*		46,000	36,000	14.0	12.0	42,500	34,600	44,000	8.2	26,400	1,600	5722661
GSZ13	AVPTC48D14A*		46,000	36,000	14.0	12.0	42,500	34,600	44,000	8.2	26,400	1,615	5924426
0481A*	CA*F4860*6D*+MBVC2000**-1A*+TXV		46,000	36,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3880758
	CAPT4961*4A*+MBVC2000**-1A*		45,500	35,600	14.0	12.0	42,000	34,200	41,500	8.5	26,200	1,550	5611343
	CHPF4860D6D*+MBVC2000**-1A*+TXV		46,000	36,000	14.0	11.3	42,500	34,600	44,000	8.2	27,000	1,600	3610053

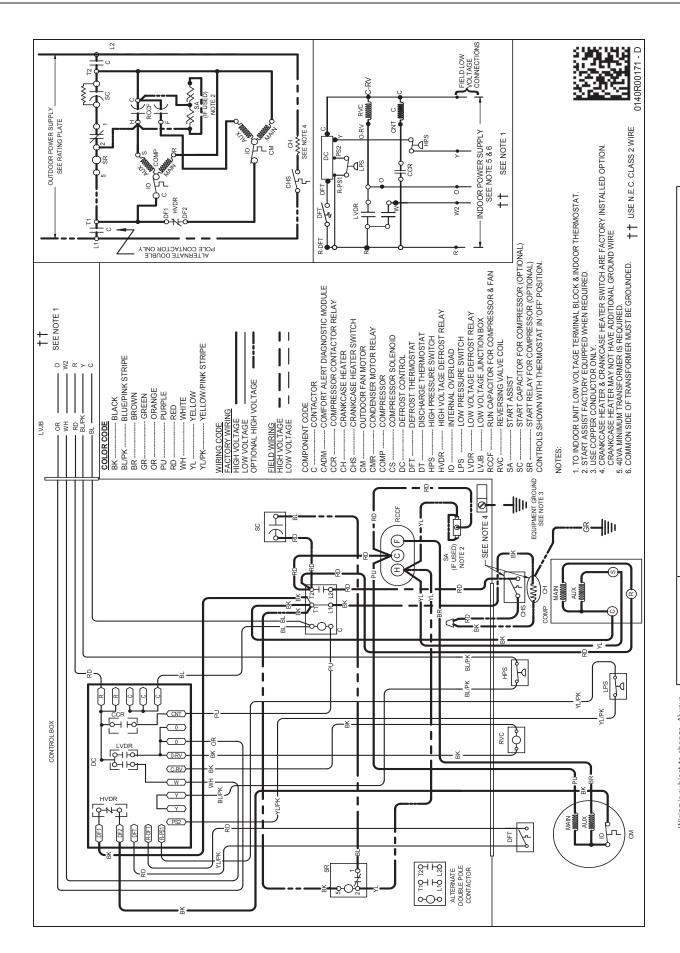
- ^ Rated in accordance with ANSI/AHRI Standard 210/240
- <sup>1</sup> Seasonal Energy Efficiency Ratio
- <sup>2</sup> Energy Efficiency Ratio @ 80°F/67°F/95°F
- <sup>3</sup> TVA Rating: BTU/h @ 75°F/ 63°F 95°F
- <sup>4</sup> Rated heating capacity at 47°F outdoor per AHRI 210/240

- <sup>5</sup> HSPF = Heating Seasonal Performance Factor
- <sup>6</sup> Heating capacity at 17°F outdoor
- 7 CFM at High stage
- <sup>8</sup> CFM at Intermediate and low stage

#### NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching outdoor unit to indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman brand gas furnace contains the EEP cooling time delay.





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**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death. WARNING

## **ACCESSORIES**

Model#	Description	GSZ13 018	GSZ13 024	GSZ13 030	GSZ13 036	GSZ13 042	GSZ13 048	GSZ13 060
0130R00000S	Low-pressure Switch Kit	Х	Х	Х	Х	Х	Х	Х
ABK-20	Anchor Bracket Kit <sup>◊</sup>	Х	Х	Х	Х	Х	Х	Х
ASC-01	Anti-Short Cycle Kit	Х	Х	Х	Х	Х	Х	Х
AFE18-60A	All-fuel Kit	Х	Х	Х	Х	Х	Х	Х
CSR-U-1	Hard-start Kit	Х	Х	Х	Х	Х	Х	Х
FSK01A <sup>1</sup>	Freeze Protection Kit	Х	Х	Х	Х	Х	Х	Х
OT18-60A <sup>2</sup>	Outdoor Thermostat	Х	Х	Х	Х	Х	Х	Х
OT/EHR18-60	Emergency Heat Relay kit	Х	Х	Х	Х	Х	Х	Х
TX2N4 <sup>3</sup>	TXV Kit	Х						
TX2N4A <sup>3</sup>	TXV Kit	Х	Х					
TX3N4 ³	TXV Kit			Х	Х			
TX5N4 <sup>3</sup>	TXV Kit					Х	Х	Х

Ontains 20 brackets; four brackets needed to anchor unit to pad

Installed on indoor coil

 $<sup>^2 \</sup>quad \text{Required for heat pump applications where ambient temperatures fall below 0°F with 50\% or higher relative humidity.} \\$ 

<sup>&</sup>lt;sup>3</sup> Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

NOTES	