

DP3GM/DP3UM-3PH



R-32 3PH PACKAGED GAS / ELECTRIC UNITS UP TO 13.4 SEER2 / 81% AFUE 3 TO 5 TONS

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R32

Standard Features

- Heavy-duty stainless-steel heat exchanger
- Energy-efficient compressor
- All-aluminum evaporator coil
- Flowrater expansion device on 2- to 3-ton units TXV expansion device on 5-ton units
- Multi-speed ECM blower motor
- Redundant gas valve with easy conversion to propane
- Power-assisted combustion
- Direct spark ignition system includes a microprocessor-based control for the entire ignition sequence, all blower operation, and all safety circuits complete with self-diagnostics
- DP3GM models comply with California Low NOx standards (40ng/J NOx), but are not eligible for installation in California's South Coast Air Quality Management District (SCAQMD), San Joaquin Valley Air Pollution Control District (SJVAPCD), or Bay Area Air Quality Management District (BAAQMD).
- DP3UM models comply with the SCAQMD Rule 1111, the SJVAPCD Rule 4905, and the BAAQMD Rule 9-4 14 ng/J NOx emission limit.
- AHRI Certified; UL Listed

Cabinet Features

- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Horizontal or downflow application
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Compressor sound blanket
- Convenient access panels
- One roof curb fits all units
- One foot print: two heights
- Bottom, 2" high base rails for easier handling
- One footprint; two heights
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)







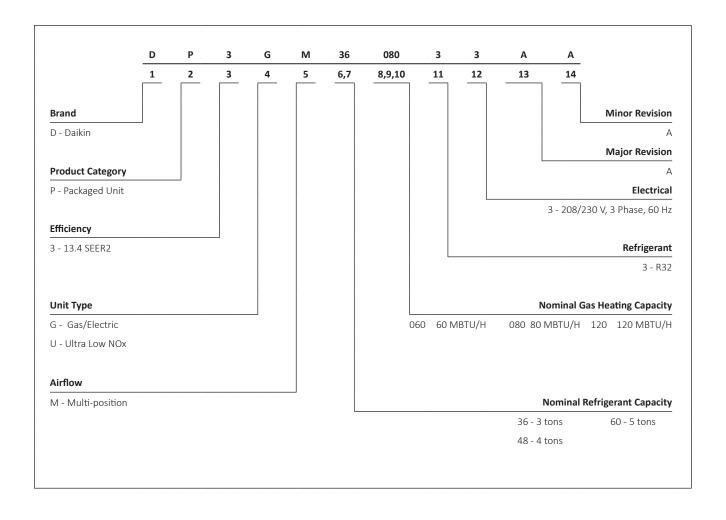








* Complete Warranty details available from your local dealer or at www.daikincomfort.com. To receive the Lifetime Heat Exchanger Warranty (good for as long as you own your home), and 12-year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in Florida, California, or Québec. The duration of warranty coverage in Texas and Florida differs in some cases. Other limitations and exclusions apply; refer to complete warranty details for a full list of limitations and exclusions.



2 www.daikincomfort.com SS-DP3GM/DP3UM-3PH-R32

	DP3GM 3608033	DP3GM 4808033	DP3GM 6008033	DP3GM 6012033
COOLING CAPACITY				
Total BTU/h	33,800	46,000	56,000	56,000
Sensible BTU/h	26,347	35,696	41,944	41,944
SEER2	13.4	13.4	13.4	13.4
EER2	10.6	10.6	10.6	10.6
Decibels	76	79	81	81
HEATING CAPACITY				
Input BTU/h	80,000	80,000	80,000 / 64,800	120,000 / 97,200
Output BTU/h	64,800	64,800	60,000 / 48,600	90,000 / 72,900
AFUE	81	81	81	81
Temperature Rise Range	30-60	30-60	30-60	35-65
No. of Burners	4	4	4	6
EVAPORATOR MOTOR				
Туре	ECN	ECN	ECM	ECM
Wheel (D x W)	10" x 9"	11" x 10"	11" x 10"	11" x 10"
Indoor Nominal CFM	1150	1525	1,700	1,700
No. of Speeds	5	5	5	5
Indoor Blower FLA	3.8	5.4	7.0	7.0
Horsepower	1/2	3/4	1.0	1.0
EVAPORATOR COIL				
Face Area (ft²)	4.35	5.68	5.68	5.68
Rows Deep/Fins per Inch	4/14	4/14	4/14	4/14
Piston Size (Cooling)	0.055	0.065	TXV	TXV
Drain Size (NPT)	3/4"	3/4"	3/″	3/″
Refrigerant Charge (oz.)	75	89	78	78
CONDENSER FAN / COIL				
Outdoor Fan FLA	1.4	2.0	2	2
Horsepower	1/4	1/3	1/3	1/3
Blade Diameter	22"	22"	22"	22"
Outdoor Nominal CFM	2,617	3,005	2,975	2,975
Face Area (ft²)	11.13	8.81	8.81	8.81
Rows Deep/Fins per Inch	2/27	2/27	2/27	2/27
COMPRESSOR	,	,	,	,
Туре	Scroll	Scroll	Scroll	Scroll
Stage	1	1	2	2
RLA	10.8	12.2	15.2	15.2
LRA	97.5	120	140	140
ELECTRICAL DATA	1			
Voltage (Frequency 60Hz)	208/230	208/230	208/230	208/230
Phase	3	3	3	3
Min. Circuit Ampacity	18.7	22.6	28	28
Max. Overcurrent Protection	25	30	40	40
OPERATING / SHIP WEIGHTS (LBS)	400 / 410	450 / 460	500 / 510	500 / 510

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Notes

 $^{^{\,2}\,\,}$ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[•] Always check the S&R plate for electrical data on the unit being installed.

	DP3UM 3606033	DP3UM 4808033	DP3UM 6008033
COOLING CAPACITY			
Total BTU/h	33,800	46,000	56,000
Sensible BTU/h	26,347	35,696	41,944
SEER2	13.4	13.4	13.4
EER2	10.6	10.6	10.6
Decibels	76	79	81
HEATING CAPACITY			
Input BTU/h	60,000	80,000	80,000 / 64,800
Output BTU/h	48,600	64,800	60,000 / 48,600
AFUE	81	81	81
Temperature Rise Range	30-60	30-60	30-60
No. of Burners	3	4	4
EVAPORATOR MOTOR			
Type	ECM	ECN	ECM
Wheel (D x W)	10" x 9"	11" x 10"	11" x 10"
Indoor Nominal CFM	1150	1525	1,700
No. of Speeds	5	5	5
Indoor Blower FLA	3.8	5.4	7.0
Horsepower	1/2	3/4	1.0
EVAPORATOR COIL			
Face Area (ft²)	4.35	5.68	5.68
Rows Deep/Fins per Inch	4/14	4/14	4/14
Piston Size (Cooling)	0.055	0.065	TXV
Drain Size (NPT)	3/"	3/4"	3/,"
Refrigerant Charge (oz.)	75	89	78
CONDENSER FAN / COIL			
Outdoor Fan FLA	1.4	2.0	2
Horsepower	1/4	1/3	1/3
Blade Diameter	22"	22"	22"
Outdoor Nominal CFM	2,617	3,005	2,975
Face Area (ft²)	11.13	8.81	8.81
Rows Deep/Fins per Inch	2/27	2/27	2/27
COMPRESSOR			
Type	Scroll	Scroll	Scroll
Stage	1	1	2
RLA	10.8	12.2	15.2
LRA	97.5	120	140
ELECTRICAL DATA			
Voltage (Frequency 60Hz)	208/230	208/230	208/230
Phase	3	3	3
Min. Circuit Ampacity	18.7	22.6	28
Max. Overcurrent Protection	25	30	40
OPERATING / SHIP WEIGHTS (LBS)	400 / 410	450 / 460	500 / 510

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Notes

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• Always check the S&R plate for electrical data on the unit being installed.

 $^{^{\}rm 2}$ $\,$ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

35.0 36.0 37.6 34.2 34.7 35.7 37.3 33.3 34.8 36.4 31.8 32.3 33.3 34.9 29.9 0.70 0.56 0.4 0.78 0.79 0.53 0.4 1.00 0.75 0.61 0.5 0.0 21.91 18.45 14.9 23.72 21.86 18.40 14.8 23.98 22.12 18.66 15.0 0.75 0.61 0.5 10.0 0.75 0.61 0.5 10.0 0.75 0.61 0.5 10.0 0.75 0.61 0.5 10.0 0.75 0.61 0.5 10.0 0.75 0.61 0.75 0.61 0.85 10.0 10.13 10.12 10.10 10.12 11.51 11.50 11.48 11.6 13.01 13.01 14.5 14.8 14.8 14.9 14.8 14.9 14.8 14.9 14.8 14.9 14.8 14.9 14.8 14.9 14.8 14.9 <	35.0 36.0 37.6 34.2 34.7 35.7 37.3 33.3 34.8 36.4 31.8 32.3 33.3 34.9 36.0 37.0 36.0 37.0 37.2 37.3 33.3 33.8 34.8 36.4 31.0 0.75 0.61 0.5 0.61 0.5 0.61 0.5 0.61 0.5 0.61 0.75 0.61 0.5 0.70 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.61 0.75 0.71 0.77 0.72 0.78 0.78 0.78 0.78 0.78 0.79 0.78 0.79 0.75 3.74 3.75 3.74 3.74 3.74 3.74 3.74 3.75 3.74 3.75 3.74 3.75 3.74 3.75 3.74 3.75 3.74 3.75 3.74	35.0 36.0 37.6 34.2 34.7 34.7 34.7 35.7 33.3 33.8 34.9 31.8 31.3 34.9 34.0 <th< th=""><th>MBh</th><th></th><th>Z</th><th></th><th>Amps</th><th>Hi PR</th><th></th><th>⊢</th><th>T/S</th><th></th><th>75 1150 kW</th><th>Amps</th><th>Hi PR</th><th>Lo PR</th><th>MBh</th><th></th><th></th><th>1350 kW</th><th>Amps</th><th>Hi PR</th><th>I D PR</th></th<>	MBh		Z		Amps	Hi PR		⊢	T/S		75 1150 kW	Amps	Hi PR	Lo PR	MBh			1350 kW	Amps	Hi PR	I D PR
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31.8 32.3 34.9 29.9 1.00 0.75 0.61 0.5 1.00 23.70 21.85 18.38 14.8 23.45 3.21 3.20 3.2 3.57 13.01 13.00 12.97 13.1 14.68 386 387 389 393.6 435 143 145 148 153.3 149 32.1 32.6 35.2 30.2 1.00 22.94 21.09 0.65 0.5 1.00 22.92 21.09 17.63 14.0 22.70 3.22 3.21 3.2 3.58 3.5 13.05 13.02 13.01 14.72 3.58 388 389 391 395.1 437 145 146 149 15.4 150 1.00 0.83 0.69 0.5 1.00 21.6 19.81 16.35 13.6 14.79 3	31.8 32.3 33.3 34.9 29.9 30.4 1.00 0.75 0.61 0.5 1.00 0.77 23.70 21.85 14.8 23.45 21.60 3.21 3.20 3.2 3.57 3.57 386 387 389 393.6 435 437 443 145 148 153.3 149 150 32.1 32.6 33.6 35.2 30.7 30.7 100 0.79 0.65 0.5 1.00 0.81 22.94 21.09 17.63 14.0 22.0 20.84 3.22 3.21 3.2 3.58 3.58 3.58 13.0 17.63 14.0 14.71 14.71 14.71 3.22 3.21 3.2 3.58 3.58 3.58 13.0 13.0 14.72 14.71 14.71 3.88 389 391 395.1 436 436 <td>31.8 32.3 38.3 34.9 30.4 31.4 33.0 28.2 28.7 1.00 0.75 0.61 0.5 1.00 0.77 0.63 0.5 1.00 23.7 1.83 14.8 23.45 21.60 18.13 14.5 1.00 1.00 3.21 3.20 3.2 3.57 3.57 3.57 3.67 3.60 1.00 1.00 3.21 3.20 3.2 3.57 3.57 3.57 3.60 4.00 1.00 3.21 3.21 3.2 3.57 3.57 3.57 3.60 4.00 4.00 3.22 3.20 3.25 3.57 437 438 42.8 488 489 3.21 3.2<</td> <td>34.8</td> <td>0.59</td> <td>18.66</td> <td>2.88</td> <td>11.48</td> <td></td> <td></td> <td>35.2</td> <td></td> <td></td> <td>2.88</td> <td></td> <td></td> <td></td> <td></td> <td>0.67</td> <td>16.63</td> <td>2.90</td> <td>11.60</td> <td></td> <td>147</td>	31.8 32.3 38.3 34.9 30.4 31.4 33.0 28.2 28.7 1.00 0.75 0.61 0.5 1.00 0.77 0.63 0.5 1.00 23.7 1.83 14.8 23.45 21.60 18.13 14.5 1.00 1.00 3.21 3.20 3.2 3.57 3.57 3.57 3.67 3.60 1.00 1.00 3.21 3.20 3.2 3.57 3.57 3.57 3.60 4.00 1.00 3.21 3.21 3.2 3.57 3.57 3.57 3.60 4.00 4.00 3.22 3.20 3.25 3.57 437 438 42.8 488 489 3.21 3.2<	34.8	0.59	18.66	2.88	11.48			35.2			2.88					0.67	16.63	2.90	11.60		147
32.3 33.3 34.9 29.9 0.75 0.61 0.5 1.00 21.85 18.38 14.8 23.45 3.21 3.20 3.2 3.57 13.00 12.97 13.1 14.68 387 389 393.6 435 145 148 153.3 149 0.79 0.65 0.5 1.00 21.09 17.63 14.0 22.70 32.2 3.21 3.2 3.58 389 391 395.1 437 389 391 395.1 14.72 389 39.6 0.5 1.00 0.83 0.69 0.5 1.00 19.81 16.35 12.8 21.42 32.3 3.2 3.60 1.00 19.81 16.35 12.8 21.42 38.23 3.2 3.60 1.00 13.11 13.09 13.2 14.79 <tr< td=""><td>32.3 33.3 34.9 29.9 30.4 0.75 0.61 0.5 1.00 0.77 21.85 18.38 14.8 23.45 21.60 3.21 3.20 3.2 3.57 3.57 13.00 12.97 13.1 14.68 14.67 387 389 393.6 435 437 448 153.3 149 150 6.79 0.65 0.5 1.00 0.81 21.09 0.76 0.5 1.00 0.81 3.21 3.2 3.58 3.58 3.58 13.04 13.0 14.71 14.71 14.71 3.22 3.21 3.2 3.58 3.58 13.04 13.0 13.7 14.71 14.71 389 391 395.1 437 438 440 149 15.46 15.6 15.6 13.8 3.4 36.0 3.60 3.60</td><td>32.3 33.3 34.9 30.4 31.4 33.0 28.2 28.7 0.75 0.61 0.5 1.00 0.77 0.63 0.5 1.00 1.00 21.85 18.38 14.8 23.45 21.60 18.13 14.5 24.61 22.76 3.21 3.20 3.2 3.57 3.57 3.57 3.6 4.00 4.00 13.0 12.97 13.1 14.68 14.67 14.64 14.7 16.64 16.63 387 389 393.6 435 437 438 442.8 488 489 4145 148 153.3 149 150 154 156 15.0 10.0 40.79 0.65 0.5 1.00 0.81 0.67 0.65 150 1.00 41.09 1.63 1.05 1.03 1.04 1.04 1.00 1.00 41.09 1.63 1.64 1.24 1.28 1.2</td><td>36.4</td><td>0.4</td><td></td><td></td><td></td><td>347.9</td><td>147.8</td><td>H</td><td></td><td></td><td></td><td></td><td>349.4</td><td>149.1</td><td>_</td><td>0.5</td><td>_</td><td>2.9</td><td></td><td>352.4</td><td>151.9</td></tr<>	32.3 33.3 34.9 29.9 30.4 0.75 0.61 0.5 1.00 0.77 21.85 18.38 14.8 23.45 21.60 3.21 3.20 3.2 3.57 3.57 13.00 12.97 13.1 14.68 14.67 387 389 393.6 435 437 448 153.3 149 150 6.79 0.65 0.5 1.00 0.81 21.09 0.76 0.5 1.00 0.81 3.21 3.2 3.58 3.58 3.58 13.04 13.0 14.71 14.71 14.71 3.22 3.21 3.2 3.58 3.58 13.04 13.0 13.7 14.71 14.71 389 391 395.1 437 438 440 149 15.46 15.6 15.6 13.8 3.4 36.0 3.60 3.60	32.3 33.3 34.9 30.4 31.4 33.0 28.2 28.7 0.75 0.61 0.5 1.00 0.77 0.63 0.5 1.00 1.00 21.85 18.38 14.8 23.45 21.60 18.13 14.5 24.61 22.76 3.21 3.20 3.2 3.57 3.57 3.57 3.6 4.00 4.00 13.0 12.97 13.1 14.68 14.67 14.64 14.7 16.64 16.63 387 389 393.6 435 437 438 442.8 488 489 4145 148 153.3 149 150 154 156 15.0 10.0 40.79 0.65 0.5 1.00 0.81 0.67 0.65 150 1.00 41.09 1.63 1.05 1.03 1.04 1.04 1.00 1.00 41.09 1.63 1.64 1.24 1.28 1.2	36.4	0.4				347.9	147.8	H					349.4	149.1	_	0.5	_	2.9		352.4	151.9
33.3 34.9 29.9 0.61 0.5 1.00 18.38 14.8 23.45 3.20 3.2 3.57 12.97 13.1 14.68 389 393.6 435 148 153.3 149 33.6 35.2 30.2 0.65 0.5 1.00 17.63 14.0 22.70 3.21 3.2 3.58 13.02 13.1 14.72 39.1 395.1 437 149 154.6 150 34.4 36.0 31.0 0.69 0.5 1.00 16.35 12.8 21.42 3.23 3.60 13.0 13.09 13.2 14.79 394 398.0 440 152 15.7 153 157.5 153 153	33.3 34.9 29.9 30.4 0.61 0.5 1.00 0.77 18.38 14.8 23.45 21.60 3.20 3.2 3.57 3.57 12.97 13.1 14.68 14.67 389 393.6 435 437 148 153.3 149 150 33.6 35.2 30.7 30.7 0.65 0.5 1.00 0.81 17.63 14.0 22.70 20.84 3.21 3.2 3.58 3.58 13.0 13.1 14.72 14.71 13.0 13.1 14.72 14.71 39.1 395.1 437 438 14.4 36.0 31.0 0.85 16.3 1.0 0.85 16.3 1.0 0.85 16.3 1.0 0.85 16.3 3.60 3.60 3.2 3.60 3.60	33.3 34.9 29.9 30.4 31.4 33.0 28.2 28.7 0.61 0.5 1.00 0.77 0.63 0.5 1.00 1.00 18.38 14.8 23.45 21.60 18.13 14.5 24.61 22.76 3.20 3.2 3.57 3.57 3.6 4.00 4.00 12.97 13.1 14.68 14.67 14.64 14.7 16.64 16.63 389 393.6 435 437 438 442.8 488 489 148 153.3 149 150 154 158.8 156 157 0.65 0.5 0.6 0.81 0.67 0.5 1.00 1.00 17.63 14.0 2.70 20.84 17.38 13.8 23.6 22.00 3.21 3.2 3.58 3.58 3.6 4.01 4.01 13.00 13.1 14.72 14.71 14.69 14.8	31.8	1.00	23.70	3.21	13.01	386	143	32.1			3.22		388	145	32.9	1.00		3.23	13.12	391	148
34.9 29.9 0.5 1.00 14.8 23.45 3.2 3.57 13.1 14.68 393.6 435 153.3 149 35.2 30.2 0.5 1.00 14.0 22.70 3.2 3.58 13.1 14.72 395.1 437 154.6 150 36.0 31.0 0.5 1.00 12.8 21.42 3.2 3.60 13.2 440 157.5 153	34.9 29.9 30.4 0.5 1.00 0.77 14.8 23.45 21.60 3.2 3.57 3.57 13.1 14.68 14.67 393.6 435 437 153.3 149 150 35.2 30.2 30.7 0.5 1.00 0.81 14.0 22.70 20.84 3.2 3.58 3.58 13.1 14.72 14.71 395.1 437 438 154.6 150 155 30.5 31.0 31.5 12.8 21.42 19.56 3.2 3.60 3.60 13.2 14.79 14.78 398.0 440 441 157.5 153 155 157.5 153 155	34.9 29.9 30.4 31.4 33.0 28.2 28.7 0.5 1.00 0.77 0.63 0.5 1.00 1.00 14.8 23.45 21.60 18.13 14.5 24.61 22.76 3.27 3.57 3.57 3.5 3.6 4.00 4.00 13.1 14.68 14.67 14.64 14.7 16.64 16.63 393.6 435 437 438 442.8 489 489 153.3 149 150 154 156.4 16.63 157 35.2 30.2 30.7 31.7 33.3 28.5 29.0 14.0 22.70 20.84 17.38 13.8 23.86 22.00 3.2 3.58 3.58 3.58 3.6 4.01 4.01 14.0 12.71 14.69 14.8 14.01 4.01 13.1 14.72 14.71 14.69 14.8 4.01	32.3	0.75	21.85	3.21	13.00	387	145	32.6	0.79	21.09	3.22	13.04	389	146	33.4	0.83		3.23	13.11	392	149
29.9 1.00 23.45 3.57 14.68 435 149 30.2 1.00 22.70 3.58 14.72 437 150 21.42 3.60 14.79 440 14.79 440	29.9 30.4 1.00 0.77 23.45 21.60 3.57 3.57 14.68 14.67 435 437 149 150 30.2 30.7 1.00 0.81 22.70 20.84 3.58 3.58 14.72 14.71 437 438 150 152 21.40 0.85 21.42 19.56 3.60 3.60 440 441 150 155 160 0.85 174 160 0.85 175 106 0.85 176 186 187 187 187 187	29.9 30.4 31.4 33.0 28.2 28.7 1.00 0.77 0.63 0.5 1.00 1.00 23.45 21.60 18.13 14.5 24.61 22.76 3.57 3.57 3.6 4.00 4.00 14.68 14.67 14.64 14.7 16.64 16.63 435 438 442.8 488 489 149 150 154 158 156 157 30.2 30.7 31.7 33.3 28.5 29.0 1.00 0.81 0.67 0.5 1.00 1.00 22.70 20.84 17.38 13.8 23.86 22.00 3.58 3.58 3.6 4.01 4.01 43.7 438 440 444.3 490 491 43.7 438 440 444.3 490 491 43.0 31.5 32.5 34.0 20.2 1	33.3	0.61	18.38	3.20	12.97	389	148	33.6	0.65	17.63	3.21				34.4	0.69	16.35	3.23	13.09	394	152
	30.4 0.77 21.60 3.57 14.67 43.7 150 30.7 0.81 14.71 438 14.71 438 15.5 0.85 19.56 3.60 14.78	30.4 31.4 33.0 28.2 28.7 0.77 0.63 0.5 1.00 1.00 21.60 18.13 14.5 24.61 22.76 3.57 3.5 3.6 4.00 4.00 14.67 14.64 14.7 16.64 16.63 437 438 442.8 489 489 150 154 158.8 156 157 30.7 31.7 33.3 28.5 29.0 0.81 0.67 0.5 1.00 1.00 20.84 17.38 13.8 23.86 22.00 3.58 3.58 3.6 4.01 4.01 44.71 14.69 14.8 16.68 16.67 438 440 444.3 490 491 438 440 444.3 490 491 152 150.1 157 158 0.85 0.72 0.6 1.00 1.00 <t< td=""><td>34.9</td><td>0.5</td><td>14.8</td><td>3.2</td><td>13.1</td><td>393.6</td><td>153.3</td><td>35.2</td><td>0.5</td><td>14.0</td><td>3.2</td><td>13.1</td><td>395.1</td><td>154.6</td><td>36.0</td><td>0.5</td><td>12.8</td><td>3.2</td><td>13.2</td><td>398.0</td><td>157.5</td></t<>	34.9	0.5	14.8	3.2	13.1	393.6	153.3	35.2	0.5	14.0	3.2	13.1	395.1	154.6	36.0	0.5	12.8	3.2	13.2	398.0	157.5
30.4 0.77 21.60 3.57 14.67 43.7 150 30.7 0.81 14.71 438 15.2 3.58 3.58 3.58 3.58 3.58 3.58 3.58 14.71 14.71 438 15.2 3.60 3.60 3.60 3.60 3.60 3.60 3.60 3.60		31.4 33.0 28.2 28.7 0.63 0.5 1.00 1.00 18.13 14.5 24.61 22.76 3.57 3.6 4.00 4.00 14.64 14.7 16.64 16.3 438 42.8 488 489 154 158.8 156 157 31.7 33.3 28.5 29.0 0.67 0.5 1.00 1.00 17.38 13.8 23.86 22.00 3.58 3.6 4.01 4.01 440 444.3 490 491 440 444.3 490 491 3.5. 36.1 1.00 1.00 16.10 1.2 2.58 20.72 3.5. 3.6 4.03 4.03 443 447.3 492 494 443 447.3 492 494 443 447.3 492 494 4	29.9	1.00	23.45	3.57	14.68	435	149	30.2	1.00	22.70	3.58	14.72	437	150	31.0	1.00	21.42	3.60	14.79	440	153
	31.4 0.63 18.13 3.57 14.64 438 154 31.7 0.67 17.38 3.58 3.58 3.58 3.58 14.69 440 16.10 3.59 16.72 17.73 440 17.8 3.58 3.58 3.58 440 440 440 440 440 440 440 440 440 44	33.0 28.2 28.7 0.5 1.00 1.00 14.5 24.61 22.76 3.6 4.00 4.00 14.7 16.64 16.63 442.8 489 489 158.8 156 157 33.3 28.5 29.0 0.5 1.00 1.00 13.8 23.86 22.00 3.6 4.01 4.01 144.3 490 491 160.1 157 158 34.1 29.3 29.8 0.6 1.00 1.00 12.5 22.58 20.72 3.6 4.03 4.03 447.3 492 494 447.3 492 494 447.3 492 494 447.3 492 494 462 494 494 462 494 494 462 494 494 <t< td=""><td>30.4</td><td>0.77</td><td>21.60</td><td>3.57</td><td>14.67</td><td>437</td><td>150</td><td>30.7</td><td>0.81</td><td>20.84</td><td>3.58</td><td>14.71</td><td>438</td><td>152</td><td>31.5</td><td>0.85</td><td>19.56</td><td>3.60</td><td>14.78</td><td>441</td><td>155</td></t<>	30.4	0.77	21.60	3.57	14.67	437	150	30.7	0.81	20.84	3.58	14.71	438	152	31.5	0.85	19.56	3.60	14.78	441	155
33.0 0.5 3.6 14.7 442.8 1158.8 33.3 0.5 13.8 3.6 14.8 160.1 160.1 34.1 0.6 12.5 3.6 12.5 3.6 12.5 3.6 14.9 160.1 17.5 3.6 160.1 160.1 17.5 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6			28.2	1.00	24.61	4.00	16.64	488	156	28.5	1.00	23.86	4.01	16.68	490	157	29.3	1.00	22.58	4.03	16.75	492	160
	28.2 1.00 24.61 4.00 16.64 488 156 28.5 1.00 23.86 4.01 16.68 490 157 29.3 1.00 22.58 4.03 1.67 492 1.00 22.58 4.03 1.67 22.58 4.03	29.7 0.69 19.30 4.00 16.60 491 16.7 30.0 0.73 118.54 4.00 116.65 492 162 30.8 0.77 17.26 4.02 167 2495 167 17.26 4.03	28.7	1.00	22.76	4.00	16.63	489	157	29.0	1.00	22.00	4.01	16.67	491	158	29.8	1.00	20.72	4.03	16.74	494	161
28.2 1.00 24.61 4.00 16.64 488 156 28.5 1.00 23.86 4.01 16.68 490 157 29.3 1.00 22.58 4.03 1.00 22.58 4.03			29.7	0.69	19.30	4.00	16.60	491	160	30.0	0.73	18.54	4.00	16.65	492	162	30.8	0.77	17.26	4.02	16.72	495	164

												Outdoo	or Amb	Outdoor Ambient Temperature	nperatu	ıre									
				65				75				85				95			1(105			115	2	
											Ent	Entering Indoor Wet Bulb Temperature	door M	/et Bulb	Tempe	rature									
IDB	Airflow	- 29	63 63	<u> </u>	71	59	63	29	71	59	63	29	71	29	63	67	71	- 29	63	29	71	29	63	29	71
	<u>N</u>	Bh 34.5	.5 35.0	36.0	1	34.		7 35.7	1	33.3	33.8	34.8	1	31.8	32.3	33.3	1	29.9	30.4	31.4	-	28.2	28.6	29.7	-
	/S				1	0.6		7 0.43	1	0.68	09.0	0.46	1	1.00	0.62	0.48	1	1.00	0.64	0.50	-	1.00	69.0	0.55	,
			٠.			19.0		79 14.32	1	19.90) 18.05	5 14.58	1	19.62	2 17.77	7 14.30	-	19.37	17.52	14.06	-	20.54	18.68	15.22	-
11	1050 KV	kW 2.31	1 2.31	1 2.31	1	2.58	8 2.58	8 2.58	1	2.88	2.88	2.88	1	3.21	3.21	3.20	1	3.58	3.57	3.57	,	4.00	4.00	4.00	
	Am				1	10		.3 10.11	1	11.52	2 11.51	11.49	-	13.01	1 13.00	0 12.98	· ~	14.68	14.67	14.65	-	16.64	16.63	16.61	,
	豆				1	29		301	1	340	341	343	ı	386	387	389	ı	435	436	438	-	488	489	491	
	Lo	_			1	13		3 136	1	138	139	143	1	143	145	148	1	149	150	154	-	156	157	160	-
	M	_				34.		0.36.0		33.6	34.1	35.1		32.1	32.6	33.6	1	30.2	30.7	31.7		28.5	29.0	30.0	-
	S				1	9.0		1 0.47	1	0.72	0.64	0.50	1	1.00	99.0 (0.52	1	1.00	0.68	0.54	-	1.00	0.73	0.59	_
					1	18.8		13.57	- '	19.15	5 17.29	9 13.83	1	18.87	7 17.01	1 13.55	1	18.62	16.76	13.30	1	19.78	17.93	14.46	1
70 11	1150 KV				1	2.5		9 2.58	1	2.89	2.89	2.89	1	3.22	3.22	3.21	1	3.59	3.58	3.58	,	4.01	4.01	4.01	
	Am		8.93		1	10.		.7 10.15	1	11.56	5 11.55	5 11.53	1	13.06	6 13.05	5 13.03	1	14.73	14.72	14.70	,	16.69	16.68	16.66	
	Ξ				1	29		302	1	342	343	345	1	387	389	390	1	437	438	440	,	489	490	492	-
	- P	_		- 1		13		1 137	'	139	141	144		145	146	149		150	152	155	'	157	158	162	-
	Ξ		.6 36.1	1 37.1	1	35.		8 36.8	1	34.4	34.9	35.9	1	32.9	33.4	34.4	1	31.0	31.5	32.5	,	29.3	29.7	30.8	-
	/S				1	0.7		5 0.51	ı	0.76	0.68	0.54	ı	1.00	0.70	0.56	1	1.00	0.72	0.58	,	1.00	0.78	0.64	1
	□				-	17.1		75 12.29	1	17.87	7 16.01	12.55		17.59	9 15.73	3 12.27		17.34	15.48	12.02	1	18.50	16.64	13.18	1
13	1350 KV				1	2.6		1 2.60	1	2.91	2.91	2.90	1	3.24	3.23	3.23	1	3.60	3.60	3.59	,	4.03	4.03	4.02	,
	Am	Amps 9.0			1	10.		10.22	1	11.63	3 11.62	2 11.60	-	13.13	3 13.12	2 13.10	-	14.80	14.79	14.77	,	16.76	16.75	16.73	
	Ē				1	30		305	1	345	346	348	1	390	392	393	1	440	441	443	-	492	493	495	_
	Lo PR	PR 128	8 129		1	13	. !	7 140	1	142	144	147	1	148	149	152	1	153	155	158	1	160	161	164	1

High and low pressures are measured at the liquid and suction access fittings.

166.2

491 161

19.8 4.0 16.7 495.9

1.00 26.86 4.00 16.63 490 158

16.64

14.7

14.65

27.56 3.58 14.68

13.00

3.21

348.4

342

341

305.9

300

261 129

10.10

2.58

0.5 19.0 2.3 9.0 265.4

0.83 26.02 2.31 8.89 259 126

0.69 22.56 2.30 8.87

1.00 27.88 2.31 8.90

MBh S/T AT kW Amps Hi PR

1050

13.1

25.70 3.57 14.67

22.49 3.20 12.98

1.00

1.00

1.00

32.0 1.00 27.81

19.2

22.77

28.09 2.88 11.52

0.5 18.9 2.6 10.2

0.69 22.51 2.58

0.83 25.97 2.58 10.13

27.83

98.0

1.00

26.23 2.88 11.51

443.3

23.40 4.00 16.61

1.00 28.72 4.00

0.82

62

63

62

8

29

11

29

Entering Indoor Wet Bulb Temperature

29

63

29

71

29

63

29

29

63

72

9

Outdoor Ambient Temperature

115

105

_																				-						1
		MBh	35.0	35.5	36.6	38.1	34.7	35.2	36.2	37.8	33.8	34.3	35.3	36.9	32.3	32.8										1.8
_		S/T	1.00	0.87	0.73	9.0	1.00	0.87	0.73	9.0	1.00	06.0	0.76	9.0	1.00	1.00		—								0.7
		ΔT	27.12	25.27	21.80	18.2	27.07	25.22	21.75	18.2	27.33	25.48	22.01	18.4	27.05	25.20										9.1
80	1150	××	2.32	2.32	2.31	2.3	2.59	2.59	2.58	2.6	2.89	2.89	2.89	2.9	3.22	3.22										4.0
		Amps	8.94	8.93	8.91	9.0	10.18	10.17	10.15	10.2	11.56	11.55	11.53	11.6	13.06	13.05										6.7
		Hi PR	260	261	262	266.9	300	301	303	307.4	342	344	345	349.9	388	389										97.4
		Lo PR	126	127	130	135.5	133	135	138	143.0	140	141	144	149.6	145	147	150	155.2	151	152	155 1	160.6	158 1	159 1	162 10	167.4
		MBh	35.8	36.3	37.3	38.9	35.5	36.0	37.0	38.6	34.6	35.1	36.1	37.7	33.1	33.6		_				_				2.5
		S/T	1.00	0.91	0.77	9.0	1.00	0.92	0.78	9.0	1.00	0.94	0.80	0.7	1.00	1.00										0.8
		ΔT	25.84	23.99	20.52	16.9	25.79	23.93	20.47	16.9	26.05	24.20	20.73	17.1	25.77	23.92										7.8
	1350	××	2.34	2.33	2.33	2.4	2.61	2.61	2.60	2.6	2.91	2.91	2.90	2.9	3.24	3.23										4.0
		Amps	9.01	9.00	8.98	9.1	10.25	10.24	10.22	10.3	11.63	11.62	11.60	11.7	13.13	13.12										8.9
		Hi PR	262	264	265	269.9	303	304	306	310.4	345	347	348	352.8	391	392					•					20.3
		Lo PR	128	130	133	138.4	136	138	141	145.9	143	144	147	152.5	148	150		_	ł							70.3
		MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.6	35.6	37.2	32.5	33.0		_				_				2.0
		S/T	1.00	0.93	0.79	9.0	1.00	0.94	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00										9.0
		ΔT	31.52	29.66	26.20	22.6	31.47	29.61	26.15	22.6	31.73	29.87	26.41	22.8	31.45	29.59							,			3.5
	1050	××	2.32	2.31	2.31	2.3	2.59	2.58	2.58	2.6	2.89	2.89	2.88	2.9	3.22	3.21										0.4
		Amps	8.92	8.91	8.89	9.0	10.16	10.15	10.13	10.2	11.54	11.53	11.51	11.6	13.04	13.03	_									6.7
		Hi PR	259	260	262	266.6	300	301	303	307.1	342	343	345	349.6	388	389										97.1
		Lo PR	126	128	131	136.1	134	135	138	143.6	140	142	145	150.2	146	147		_				_				58.0
		MBh	35.6	36.1	37.1	38.7	35.3	35.8	36.8	38.4	34.4	34.9	35.9	37.5	32.9	33.4		⊢				_				2.3
		S/T	1.00	0.97	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	98.0	0.7	1.00	1.00										9.0
		ΔT	30.76	28.91	25.44	21.9	30.71	28.86	25.39	21.8	30.97	29.12	25.65	22.1	30.69	28.84							, ,			2.7
82	1150	Š	2.33	2.32	2.32	2.3	2.60	2.59	2.59	2.6	2.90	2.90	2.89	2.9	3.23	3.22										4.0
		Amps	96.8	8.95	8.93	9.0	10.20	10.19	10.17	10.3	11.58	11.57	11.55	11.6	13.08	13.07								_		8.9
		Hi PR	261	262	264	268.1	301	302	304	308.6	344	345	347	351.1	389	390										98.6
		Lo PR	127	129	132	137.4	135	136	140	144.9	142	143	146	151.4	147	149		—	- 1			_			- 1	59.3
		MBh	36.4	36.9	37.9	39.5	36.1	36.6	37.6	39.2	35.2	35.7	36.7	38.3	33.6	34.1		_				_				3.1
		S/T	1.00	1.00	0.87	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.8	1.00	1.00	0.93	8.0	1.00	1.00	1.00	0.8	1.00 1	1.00 1	1.00	6.0
		ΔT	29.48	27.63	24.16	20.6	29.43	27.58	24.11	20.5	29.69	27.84	24.37	20.8	29.41	27.56	_							_		1.4
	1350	××	2.34	2.34	2.34	2.4	2.61	2.61	2.61	2.6	2.91	2.91	2.91	2.9	3.24	3.24										4.0
		Amps	9.04	9.03	9.01	9.1	10.28	10.27	10.24	10.3	11.66	11.65	11.63	11.7	13.15	13.14								_		8.9
		Hi PR	264	265	267	271.1	304	305	307	311.6	347	348	350	354.0	392	393				443 ,					۵,	501.5
		Lo PR	130	132	135	140.2	138	139	142	147.7	144	146	149	154.3	150	151		-				_	-		` '	72.1
IDB: Ente	DB: Entering Indoor Dry Bulb Temperature	oor Dry Bi	ulb Temp	erature							Shadeda	shaded area reflects AHRI		(TVA) conditions	ditions.								\leq	<w =="" power<="" system="" th="" total=""><th>system p</th><th>ower</th></w>	system p	ower
High and	High and low pressures are measured at the liquid and suction access fittings	sures are	e measur	ed at the	liquid ar	nd suctior	n access f	fittings.											Amp	s: Unit a	ımps (cor	Amps: Unit amps (comp.+ evaporator + condenser fan motors)	oorator +	condens	er fan m	otors)

		kW = Total system power	Amps: Unit amps (comp.+ evaporator + condenser fan motors)
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Shaded area reflects ACCA (TVA) conditions.

				ا								ة ار	Outdoor Amblent lemperature	Ambier	d lemb	erature				2,				, ,		Т
				6					0			Fnteri	Entering Indoor Wet		R H	Temperature	١			£				TIP		
IDB	Airflow	W	59	63	67	7.1	59	63	29	71	59	63	67	71	5	8	67	71	56	63	29	- 12	59	63	67 7	7
	٦	MBh	47.0	47.7	49.1		46.6	47.2	48.6		45.4	46.0	47.4		43.3	43.9	45.3				42.7	3 -		-	40.4	,
		S/T	0.64	0.57	0.43		0.65				1.00	09.0	0.46	,	1.00	0.62	0.48	-			0.50				0.55	
			19.89	18.01	14.51	,	19.84		14.45	ı	20.10	18.23	14.72	ı	19.82	17.94	14.44	1	19.57 1		14.18	- 20	20.75 18	_	15.36	1
	1400		3.19	3.I8	3.I8		3.54	3.54		1	3.94	3.94	3.93		4.3/	4.3/	4.36	,	,	•	4.84	ا 			5.41	
		Hi PR	268	269	271		310	311			354	355	357		40.02	403	405			454	10.30 456		•	5.09	511	
		Lo PR	130	131	135	1	138	139	142	1	144	146	149	1	150	152	155	1	156	158	161	-	163 1		168	
	_	MBh	47.4	48.1	49.5		47.0	47.7	49.1		45.8	46.4	47.8		ł	44.3	45.7	١.	ł		43.2	- 3		ł	8.0	Γ,
		—	0.68	09.0	0.46	,	0.69	0.61	0.47	ı	1.00	0.63	0.50	-	1.00	0.65	0.52	1	1.00	0.68	0.54				0.59	
			19.17	17.29	13.79	,	19.12			1	19.39	17.51	14.00			17.22	13.72	1			13.47	- 20			14.64	
70	1525		3.20	3.19	3.19		3.55			1	3.95	3.95	3.94	-		4.38	4.37	,			4.85	- 2			42	
	⋖	Amps	11.46	11.45	11.42	,	13.09	` '	13.05	1	14.91	14.90	14.87	1	16.88	16.87	16.84	1	٠.	_	19.04	- 2			21.62	
	_	Hi PR	269	271	272	1	312	313	315	1	356	357	359	1	403	404	406	,		456	458	1		510 5	512	
	_	_	131	133	136	٠	139	140	144	١	146	147	151	'	152	153	156	'	- 1		162	-		- 1	99	
		MBh	48.5	49.2	9.09	,	48.1	48.8	50.2	ı	46.9	47.5	48.9	1	44.8	45.4	46.8	,	42.2	42.9	44.3	<u>е</u>		40.5 41	41.9	
			0.72	0.65	0.51	,	0.73			ı	1.00	0.68	0.54	,	1.00	0.70	0.56	,			0.58	-			63	_
			17.83	15.95	12.45	1	17.78		12.40	i	18.05	16.17	12.66	1	17.76	15.88	12.38	1		~	12.13	- 18			13.30	
- '	1800	×	3.22	3.22	3.21	ı	3.57	3.57	3.57	1	3.97	3.97	3.96	1	4.40	4.40	4.39	1			4.87	- 2			5.44	_
	⋖	Amps	11.56	11.54	11.52	1	13.19	13.18		1	15.01	15.00	14.97	1	16.98	16.96	16.94	-			19.14	- 2:	, ,	10	21.72	_
	_	Hi PR	273	274	276	1	315	316	318	i	359	360	362	1	406	408	409	,	458	459	461	-		514 5	515	
	_	Lo PR	134	136	139	-	142	144	147	ı	149	150	154	ı	155	156	160	1		162	165	-			72	-
		ŀ								- 1								ŀ				ŀ				
	_	MBh	47.0	47.7	49.1	51.2	46.6	47.3	48.7	-,	45.4	46.0		9.64	43.3			_				44.9				42.6
			0.78	0.70	0.56	0.4	1.00	0.70			1.00	0.73		0.4	1.00											.5
			24.02	22.14	18.64	15.0	23.97	22.09		15.0	24.23	22.35	18.85	15.2				_					24.87 23	23.00 19		6.9
	1400		3.18	3.18	3.17	3.2		3.54				3.93		4.0				_								4.
	4	Amps	11.39	11.38	11.35	11.5	• •	13.01				14.83		14.9				_								1.7
		Hi PR	268	269	271	275.8	310	311	313			356		362.1	402		405	_						509 5	511 51	5.6
	_	Lo PR	130	131	135	140.1	-	139	142	- 1	\rightarrow	146	- 1	154.9	ŀ	- 1		\rightarrow	- 1		- 1	-		- 1	- 1	3.5
		MBh	47.4	48.1	49.5	51.6		47.7	49.1			46.5		50.0												3.0
			0.81	0.73	0.60	c.)			0.60			0.//		۲. U.S												٥. '
			23.30	21.42	17.92	14.3	23.25	21.37	17.87			21.64		14.5		21.35										J.C
C	CZCT		5.13 11 4E	5.19 11.42	5.19	11 5	12.00	•				0.70		0.4		16.05										4. L
			270	271	273	C.T.L	317					25.03		263.6		405										7.7
		Lo PR	131	133	136	141.4	139	140	144	149.2	146	147	151	156.1	152	153	156	161.9	157	159	162 1	167.7	164	166 10	169 17	174.8
	_	MBh	48.6	49.2	50.6	52.7	48.1	48.8	50.2		-	47.6		51.1		45.5		┈				-				4.1
	_	S/T	1.00	0.78	0.64	0.5	1.00	0.78	0.65			0.81		0.5		1.00		_								9.
		—	21.96	20.08	16.58	12.9	21.91	20.03			22.17	20.30	16.79	13.2		20.01		_						20.94 17		8.8
	1800		3.22	3.21	3.21	3.2	3.57	3.57	3.56		3.97	3.97	3.96	4.0	4.40	4.40	4.39									2.
	<	Amps	11.55	11.53	11.51	11.6	13.18	13.16			15.00	14.98	14.96	15.1	16.97	16.95					Ω					1.8
		Hi PR	273	274	276	280.5	315	316	318	322.6	359	360	362	366.8	407	408	410 4	414.3	458	459	461 4	465.6	513 5	514 5	516 52	0.3
	1	Lo PR	134	136	139	144.5	142	144	147	- 1	149	150	154	159.2	155	156		\dashv	ł							7.9

516.1

510 165

508 164

461.4 167.0

457

455

454 157

410.2 161.3 16.9

> 405 156

> 404 152

402

161

158 1.00

21.56

21.59

21.61

19.1

18.98

19.01

19.02

16.78

16.81

16.82

14.9 362.6 155.4

14.81 3.93

14.84

14.85

13.1

12.99

13.02

11.5 276.3 140.7

11.40 28.18

> Amps Hi PR Lo PR MBh

1400

269 130

3.54

3.54

22.79 3.18 11.36

26.30 11.39

S/T ΔT KW

0.83

1.00

3.94

356

355 145

318.5 148.6

4.37

4.37

4.0

5.41

5.41

4.9

4.84

4.85

4.85

174.1

169 41.1 1.00 511

> 39.0 1.00

45.6

43.4

41.4

48.1

46.0 0.78 22.00

44.6

151 1.00

150

147

46.0 1.00

49.3 0.73

47.9

47.3 1.00

0.87

143

140

270 132 48.3

312

311 138 1.00

1.00

0.7 43.2

22.93

26.44

28.31

1.00 39.7

0.7

0.80

21.62

21.65

21.66

19.2

19.04

19.06

19.08

16.84

16.86

16.88

15.0

14.87

13.05

13.07

13.09

11.44

Amps

1525

8

4.38

4.38

4.0

3.94

3.95 14.91

3.6 13.2

3.54

3.55

3.95

27.39

18.7

27.67

18.4

22.02

25.53

27.41 3.55

22.07 3.19 11.42

25.58

27.46 3.20 11.46

S/T AT KW

0.6

0.72 135

0.86

1.00

0.76

1.00

4.86

4.86

27.14

5.43

0.7 20.0 5.4 21.7

23.65 5.41

27.15

29.03

25.98

27.86

22.72

26.23

28.11

23.01

1.00 26.51 3.94

0.5 19.1 3.6

26.25

28.13 13.03

19.2

1.00

1.00

1.00

1.00

1.00

29

63

71

62

63

29

71

29

Entering Indoor Wet Bulb Temperature

29

63

29

71

62

63

29

62

63

75

9

8

Outdoor Ambient Temperature

115

105

	_		1			1	1)		!))							1				-
		Hi PR	270	271	273	277.8	312	313		319.9	356	358	,	364.1			ė	411.6 4			7	162.9 5		511 5	513 51	517.6
		Lo PR	132	133	136	142.0	139	141	144	149.8	146	148	151	156.7	152 1	154	157 1(162.5	158 1	159 1	163 16	168.2	165 1	167 1		75.4
		MBh	48.8	49.5	50.9	53.0	48.4		50.4	_			49.2					_				_				4.3
		S/T	1.00	0.91	0.77	9.0	1.00		0.77	_			0.80			1.00 0										7.0
		ΔT	26.12	24.24	20.73	17.1	26.07	_	20.68	17.1	26.33	24.45	20.95	17.3 2	26.05 24		20.66 1	17.0 25	. ,	23.92 20	20.41 16	16.8 26	26.97 25	25.10 21	21.59	18.0
	1800	Š	3.22	3.22	3.21	3.2	3.57		3.57	_												_				- 5.5
		Amps	11.56	11.54	11.51	11.6	13.19		13.15	13.3				15.1				_		9.16 19	_	_	, ,			1.8
		Hi PR	273	274	276	281.0	315		318	_	360		,		407 4	408 4	410 42		458 4		7	_			_,	8.03
		Lo PR	135	136	140	145.1	143	144	147	152.9			154	159.8						163 1	166 17		168 1		` '	78.5
		MBh	48.1	48.7	50.1	52.3	47.6		49.7	51.8	46.4	47.1	48.5	50.6	44.3 4	45.0 4	16.4 4	48.5 4	1.7 4.				`			3.6
		S/T	1.00	0.93	0.79	9.0	1.00		0.80	0.7	1.00	1.00		0.7	1.00 1	1.00 0	0.84 (1.00 1.	1.00 1.	1.00 0			_	1.00	9.8
		ΔT	31.86	29.99	26.48	22.8	31.81		26.43	22.8	32.08	30.20	0		6	29.92	26.41 2	,	-	. ,		,	32.72 30	4	Ω.	3.7
	1400	<u></u>	3.19	3.19	3.18	3.2	3.55		3.54	3.6	3.95	3.94				4.37 4				4.85 4.						5.4
		Amps	11.43	11.42	11.39	11.5	13.06		13.02	_							16.81									1.7
		Hi PR	270	271	273	277.6	312																			17.4
		Lo PR	132	134	137	142.6	140			150.5	147			_		154 1	158 16		159 10		163 16					0.97
		MBh	48.5	49.1	50.5	52.7	48.1											_				_				4.0
		S/T	1.00	0.97	0.83	0.7	1.00																			8.0
		ΔT	31.15	29.27	25.76	22.1	31.10												30.83 28							3.0
82	1525	×	3.20	3.20	3.19	3.2	3.56																			5.5
		Amps	11.49	11.47	11.45	11.6	13.12																			1.8
		Hi PR	271	273	274	279.0	313				358						•									8.8
		Lo PR	134	135	138	143.9	141							_				_				_				77.3
		MBh	49.6	50.2	51.6	53.8	49.2	49.8	51.2	53.4		48.6	50.0	52.1	45.8 4	46.5 4	47.9 5	50.0 4	43.3 43	43.9 45	45.3 47	47.5 4	40.9 4	41.6 43	43.0 4	45.1
		S/T	1.00	1.00	0.87	0.7	1.00			0.7																6.0
		ΔT	29.81	27.93	24.42	20.8	29.76			20.7		28.14			29.74 27	27.86 24			29.49 27	, ,	24.10 20					1.6
	1800	≥	3.22	3.22	3.22	3.2	3.58			3.6	3.98								·	4.89 4.						5.5
		Amps	11.59	11.57	11.55	11.7	13.22			13.3	15.04	15.02			17.01 16	16.99	16.97	_	19.21 19	9.19 19				` '	21.75 2	1.9
		Hi PR	275	276	278	282.2	317			324.4	361	362	364	368.5	408 4	410 4			460 40	461 4	463 46		514 5		517 52	522.0
		Lo PR	137	138	142	147.0	144	146	ı	154.9	151	153	156	161.8	157 1	` '	162 16		163 10				170 1			30.4
IDB: Ente	ring Indo	DB: Entering Indoor Dry Bulb Temperature	ulb Temp	erature						S	haded are	area reflects AHRI	\sim	TVA) cond	conditions.								kv	:W = Total system power	system p	ower
-					:		ė	:											٠	:	,					

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

kW = Total system power	s: Unit amps (comp.+ evaporator + condenser fan motors)
	Amps:

Shaded area reflects ACCA (TVA) conditions

		Hi PR	251	252	253	,	289	291	292		330	331	333		374	375	377	,	421	422	424	,	472	473	475	1
		Lo PR	133	134	138	1	141	142	146	-	148	149	152	1	153	155	158	-	159	161	164	-	166	168	171	
		MBh	26.3	26.7	27.5	28.7	26.1	26.5	27.3	28.5	25.4	25.8	26.6	27.8	24.2	24.6	25.4	26.6	22.8	23.1	23.9	25.1	21.5	21.8	22.6	23.8
		S/T	0.74	99.0	0.53	0.4	1.00	0.67	0.53	0.4	1.00	0.70	0.56	0.4	1.00	0.71	0.58	0.4	1.00	1.00 (0.60	0.5	1.00	1.00 (0.65	0.5
		ΔT	24.84	22.94	19.39	15.7	24.79	22.89	19.34	15.7	25.06	23.16	19.60	15.9	24.77	22.87	19.32	15.6	24.52 2	22.62	19.06	15.4	25.71 2	23.81 2	20.25	16.6
	1500	×	1195.731	194.681	192.38	1,202.7	.195.731194.681192.381,202.7	3.	1326.831	1,337.1	1480.271	1479.211476.91	476.91	1,487.2	1642.691641.631639.33	641.631	639.33 1,	1,649.6	324.1618	1824.161823.101820.801,831.1	320.801,	,831.1	2037.062036.002033.702,044.0	36.0020	33.702,	044.0
		Amps	4.24	4.24	4.23	4.3	4.83	4.82	4.81	4.9	5.48	5.47	5.46	5.5	6.18	6.18	6.17	6.2	6.97	6.97	96'9	7.0	7.90	7.89	7.88	7.9
		Hi PR	246	247	249	253.5	285	286	288	292.4	326	327	329	333.1	370	371	373 3	377.0	417	418	420 4	424.3	468	469	470 4	474.7
		Lo PR	129	130	133	138.9	136	138	141	146.8	143	145	148	153.6	149	151	154 1	159.4	155	156	160	165.1	162	163	167 1	172.2
		MBh	7.97	27.1	27.9	29.1	26.5	26.8	27.6	28.8	25.8	26.1	26.9	28.1	24.6	25.0	25.7	26.9	23.1	23.5	24.3	25.5	21.8	22.2	23.0	24.2
		S/T	0.81	0.73	0.59	0.4	1.00	0.74	09.0	0.5	1.00	0.76	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00 (0.67	0.5	1.00	1.00 (0.72	9.0
		ΔT	23.61	21.71	18.15	14.5	23.56	21.65	18.10	14.4	23.83	21.92	18.37	14.7	23.54	21.64	18.08	14.4	23.28 2	21.38 1	17.83	14.1	24.48	22.57 1	19.02	15.3
75	1700	×	1203.231	202.171	1199.87	1,210.2	.203.231202.171199.87 1,210.2 1337.681336.62		.334.321	,344.6	1,344.6 1487.761486.711484.411,494.7	486.711	484.41		650.181	649.12	.650.18 <mark>1649.12</mark> 1646.821,657.1	_	331.6518	330.5918	328.291,	,838.6	$1831.651830.591828.291,838.6 \boxed{2044.552043.492041.192,051.5}$	43.4920	41.192,	051.5
		Amps	4.27	4.27	4.26	4.3	4.86	4.85	4.84	4.9	5.51	5.51	5.50	5.5	6.22	6.21	6.20	6.2	7.01	7.00	6.99	7.0	7.93	7.93	7.92	8.0
		Hi PR	249	250	251	255.8	288	289	290	294.6	328	329	331	335.4	372	373	375 3	379.2	419	420	422 4	426.5	470	471	473 4	477.0
		Lo PR	131	132	135	141.0	138	140	143	148.8	145	147	150	155.6	151	153	156 1	161.4	157	158	162	167.1	164	165	169 1	174.2
		MBh	27.1	27.5	28.3	29.5	26.9	27.3	28.1	29.3	26.2	26.6	27.4	28.6	25.0	25.4	26.2	27.4	23.6	24.0	24.7	25.9	22.3	22.6	23.4	24.6
		S/T	0.84	0.77	0.63	0.5	1.00	0.77	0.63	0.5	1.00	0.80	99.0	0.5	1.00	1.00	0.68	0.5	1.00	1.00 (0.70	9.0	1.00	1.00 (0.75	9.0
		ΔT	22.58	20.68	17.13	13.4	22.53	20.63	17.07	13.4	22.80	20.89	17.34	13.7	22.51	20.61	17.05	13.4	22.26 2	20.35	16.80	13.1	23.45	21.54 1	17.99	14.3
	1900	××	1209.441	208.381	206.08	1,216.4	209.441208.381206.081,216.4 1343.891342.8	'n	1340.531	,350.8	1,350.8 1493.971492.921490.62	492.921	490.62	1,500.9	656.391	655.331	1,500.9 1656.391655.331653.031,663.3		337.8618	336.8018	334.501,	,844.8	1837.861836.801834.501,844.8 2050.762049.702047.402,057 <i>.</i> 7	149.7020	47.402,	057.7
		Amps	4.30	4.30	4.29	4.3	4.89	4.88	4.87	4.9	5.54	5.53	5.52	5.6	6.24	6.24	6.23	6.3	7.03	7.03	7.02	7.1	7.96	7.95	7.94	8.0
		Hi PR	251	252	254	257.9	290	291	293	296.8	330	332	333	337.5	374	375	377 3	381.4	422	423	424 4	428.7	472	473	475 4	479.1
		Lo PR	133	134	138	143.2	141	142	146	151.0	148	149	152	157.9	153	155	158 1	163.7	159	161	164	169.4	166	168	171 1	176.5

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction access fittings.

037.932036.872034.57

.825.031823.971821.67

643.561642.501640.20

481.141480.091477.79

331.061330.001327.70

196.611195.551193.25

20.66

S/T AT KW

26.3

4.24

4.25 246 129 26.7 0.68

Amps Hi PR

1500

20.61

5.48 327 145 26.1 0.63

5.48 326

4.82 288

4.83 285

286

249

247 130 27.1

18.97

18.69

6.97 418

18.43

105

Entering Indoor Wet Bulb Temperature

59

29

65

Outdoor Ambient Temperature

7.90

468

7.90

420 160

417

371

6.19

151

149

148

143

141

138

136

155 23.1 045.422044.362042.07

832.521831.461829.17

651.051650.001647.70

7.92 169 23.4

7.93

7.00

7.01 420 158

7.01

6.21

6.22

6.22

5.50

5.51 329 147

5.52 328

4.85 290 143

4.86 287

288 140

251

250 132

375 156

373

372 151

422 162

419

157

472

471 165

> 164 22.3 1.00

7.94

14.84

18.39

20.29

13.64 24.3 0.53

17.20

19.10

13.90

17.45 24.9

14.19

17.74

1.00

25.8

27.6 13.92

26.4

488.641487.581485.28

338.551337.491335.20

.204.101203.041200.74

4.27

4.28 248

Amps Hi PR

1700

2

17.47 26.8 09.0

19.37

13.97 27.8

17.52

19.43

MBh S/T ∆T kW

0.60

0.65

1.00

23.5 0.67

25.7 0.51

24.6 1.00

26.9

1.00

23.0

22.2 1.00

167

163

13.81

22.6

24.7

23.9

23.6

26.2

25.4

25.0 1.00

26.6

28.0

27.3

26.9

28.3

27.1

131

1210.311209.251206.95

Amps

1900

12.94

16.50 27.5

> 18.40 0.71

MBh S/T ∆T kW

0.63

145 26.2

153

0.69

16.17

16.42

1.00

		•										×	85									_				
				65				7	75			,				95	ľ			105				115		
												Ente	ring Ind	oor We	Entering Indoor Wet Bulb Temperature	empera	ture									
IDB	Airflow	3	29	63	29	71	29	63	29	71	59	63	29	7.1	29	63	29	71	29	63	29	17	29	—	29	71
	≥	MBh	26.5	26.8	27.6	28.8	26.2	26.6	27.4	28.6	25.5	25.9	26.7	27.9	24.4	24.7	25.5	26.7	22.9	23.3	24.1	25.3	21.6	22.0	22.8	24.0
		S/T	1.00	0.79	0.65	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.68	0.5	1.00	1.00	0.70	9.0	1.00	1.00	0.73	9.0	1.00	1.00	1.00	9.0
	7	ΔT	29.06	27.15	23.60	19.9	29.01	27.10	23.55	19.9	29.27	27.37	23.82	20.1	28.99	27.08	23.53	19.8	28.73	26.83	23.28	19.6	29.92	28.02	24.47	20.8
15	1500 k	××	1196.44	195.38	1193.08	1,203.4	1330.89	1329.83	196.441195.381193.081,203.4 1330.891329.831327.54	\leftarrow	,337.8 1480.981479.921477.621,487.9 1643.391642.341640.041	1479.92	1477.62	1,487.9	1643.39	1642.34	1640.04	,650.3	1824.861823.801821.511,831.8 2037.762036.712034.412,044.7	823.801	821.511	,831.8	037.762	036.712	034.412	,044.7
		Amps	4.24	4.24	4.23	4.3	4.83	4.82	4.81	4.9	5.48	5.48	5.47	5.5	6.19	6.18	6.17	6.2	86.9	26.9	96.9	7.0	7.90	7.90	7.89	7.9
	<u>Í</u>	Hi PR	247	248	250	254.0	286	287	289	292.9	326	328	329	333.6	370	371	373	377.4	418	419	420	424.7	468	469	471	475.2
)]	Lo PR	129	131	134	139.5	137	139	142	147.3	144	145	149	154.2	150	151	155	160.0	155	157	160	165.7	162	164	167	172.8
	Ž	MBh	26.8	27.2	28.0	29.5	26.6	27.0	27.8	29.0	25.9	26.3	27.1	28.3	24.7	25.1	25.9	27.1	23.3	23.7	24.4	25.6	22.0	22.3	23.1	24.3
	<i>σ</i>	S/T	1.00	98.0	0.72	9.0	1.00	0.86	0.73	9.0	1.00	1.00	0.75	9.0	1.00	1.00	0.77	9.0	1.00	1.00	0.79	9.0	1.00	1.00	1.00	0.7
	7	ΔT	27.82	25.92 22.37		18.7	27.77	25.87	22.31	18.6	28.04	26.13	22.58	18.9	27.75	25.85	22.29	18.6	27.50	25.59	22.04	18.4	28.69	26.78	23.23	19.6
80 17	1700 k	××	1203.93	1202.88	1200.58	1,210.9	1338.39	1337.33	203.931202.881200.581,210.9 1338.391337.331335.03	1,345.3	1488.47	1488.471487.411485.11		1,495.4	1650.89	650.891649.83 1647.53 1	1647.53	1,657.8	1832.361	832.361831.301829.001,839.3	829.001	,839.3	2045.262044.202041.902,052.2	044.202	041.90	2,052.2
	Ar	Amps	4.28	4.27	4.26	4.3	4.86	4.86	4.85	4.9	5.51	5.51	5.50	5.5	6.22	6.22	6.21	6.3	7.01	7.00	66.9	7.0	7.94	7.93	7.92	8.0
	Í	Hi PR	249	250	252	256.2	288	289	291	295.1	329	330	332	335.8	373	374	375	379.7	420	421	423	427.0	470	471	473	477.4
	J.	Lo PR	131	133	136	141.5	139	141	144	149.3	146	147	151	156.2	152	153	157	162.0	157	159	162	167.7	164	166	169	174.8
	2	MBh	27.3	27.6	28.4	29.6	27.0	27.4	28.2	29.4	26.4	26.7	27.5	28.7	25.2	25.5	26.3	27.5	23.7	24.1	24.9	26.1	22.4	22.8	23.6	24.8
	<i>σ</i>)	S/T	1.00	0.89	0.75	9.0	1.00	06.0	0.76	9.0	1.00	1.00	0.79	9.0	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
	7	ΔT	26.79	24.89	21.34	17.7	26.74	24.84	21.29	17.6	27.01	25.11	21.55	17.9	26.72	24.82	21.27	17.6	26.47	24.57	21.01	17.3	27.66	25.76	22.20	18.5
19	1900 k	××	1210.14	1209.09	1206.79	1,217.1	1344.60	1343.54	210.141209.091206.791,217.1 1344.601343.541341.24	1,351.5	1494.68	1494.681493.621491.321	1491.32	1,501.6	1657.10	657.101656.041653.74	1653.74	1,664.0	1,664.0 1838.571837.511835.21	837.511	835.211	1,845.5 2051.472050.412048.11	051.472	050.412	048.112	2,058.4
	Ar	Amps	4.30	4.30	4.29	4.3	4.89	4.88	4.87	4.9	5.54	5.54	5.53	5.6	6.25	6.24	6.23	6.3	7.04	7.03	7.02	7.1	7.96	7.96	7.95	8.0
	Í	Hi PR	251	252	254	258.4	290	291	293	297.3	331	332	334	338.0	375	376	378	381.8	422	423	425	429.1	472	474	475	479.6
	Lc	Lo PR	133	135	138	143.8	141	143	146	151.6	148	150	153	158.5	154	155	159	164.2	160	161	164	169.9	167	168	172	177.1

28.1 29.3 26.7 27.0 0.76 0.6 1.00 1.00 27.34 23.7 32.74 30.84 1.95.66 1,205.9 1333.46 1332.411 4.84 4.84 4.24 4.3 4.84 4.84 288 136 141.4 139 141 28.4 29.6 27.0 27.4 0.82 0.7 1.00 1.00 26.10 22.4 31.51 29.60 26.10 22.4 4.87 4.87 4.7 4.3 4.87 4.87 25.3 25.7.4 29.6 290 26.10 22.4 31.51 29.60 26.10 22.4 4.87 4.87 25.3 25.7.4 289 290 138 14.3 14.1 143 28.9 30.1 27.5 27.9 0.86 0.7 1.00 1.00 25.07 27.4 30.4 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>27.8 29.0 26.0 26.4 27.1 28.3 24.8 25.2 26.0 27.2 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 <th< th=""><th>MBh 26.9 27.3</th><th>S/T 1.00 0.89</th><th>ΔT 32.79 30.89</th><th>1500 kW 1199.011197.96</th><th>Amps 4.26 4.25</th><th>Hi PR 248 249</th><th>Lo PR 131 133</th><th>MBh 27.3 27.6</th><th>S/T 1.00 0.96</th><th>ΔT 31.56 29.65</th><th>85 1700 kW 1206.511205.45</th><th>Amps 4.29 4.28</th><th>Hi PR 250 251</th><th>LOPR 133 135</th><th>MBh 27.7 28.1</th><th>S/T 1.00 1.00</th><th>ΔT 30.53 28.63</th><th>1900 kW 1212.721211.66</th><th>Amps 4.32 4.31</th><th>Hi PR 252 254</th><th>_</th></th<></th>										27.8 29.0 26.0 26.4 27.1 28.3 24.8 25.2 26.0 27.2 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 26.0 27.2 <th< th=""><th>MBh 26.9 27.3</th><th>S/T 1.00 0.89</th><th>ΔT 32.79 30.89</th><th>1500 kW 1199.011197.96</th><th>Amps 4.26 4.25</th><th>Hi PR 248 249</th><th>Lo PR 131 133</th><th>MBh 27.3 27.6</th><th>S/T 1.00 0.96</th><th>ΔT 31.56 29.65</th><th>85 1700 kW 1206.511205.45</th><th>Amps 4.29 4.28</th><th>Hi PR 250 251</th><th>LOPR 133 135</th><th>MBh 27.7 28.1</th><th>S/T 1.00 1.00</th><th>ΔT 30.53 28.63</th><th>1900 kW 1212.721211.66</th><th>Amps 4.32 4.31</th><th>Hi PR 252 254</th><th>_</th></th<>	MBh 26.9 27.3	S/T 1.00 0.89	ΔT 32.79 30.89	1500 kW 1199.011197.96	Amps 4.26 4.25	Hi PR 248 249	Lo PR 131 133	MBh 27.3 27.6	S/T 1.00 0.96	ΔT 31.56 29.65	85 1700 kW 1206.511205.45	Amps 4.29 4.28	Hi PR 250 251	LOPR 133 135	MBh 27.7 28.1	S/T 1.00 1.00	ΔT 30.53 28.63	1900 kW 1212.721211.66	Amps 4.32 4.31	Hi PR 252 254	_
											28.1	0.76	27.34	51195.661					0.82	26.10	51203.151	4.27				98.0	25.07	51209.361			
											29.3	9.0		,205.9	4.3	255.1	141.4	29.6	0.7	_	,213.4	4.3	257.4	143.4	30.1	0.7		,219.6	4.3	259.5	
												1.00		3333.4613							340.961					1.00		347.171			•
27.8 29.0 0.76 0.6 0.6 0.72 23.6 330.111,340.4 14.8 4.9 290 294.0 144 149.3 28.2 29.4 6.8 4.9 292 296.3 146 151.3 28.6 29.8 0.7 25.0 2 29.6 334.811,354.1 14.8 4.8 6.7 25.0 2 29.6 334.811,354.1 14.8 6.7 25.0 2 29.8 6.8 6.7 25.0 2 29.8 6.8 6.7 25.0 2 29.8 6.8 6.7 25.0 2 29.8 6.8 6.7 25.0 2 29.8 6.8 6.7 25.0 2 29.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6	27.8 29.0 26.0 0.76 0.6 1.00 27.29 23.6 33.01 330.111,340.4 1483.551.4 5.49 4.83 4.9 5.49 290 294.0 328 144 149.3 146 28.2 29.4 26.4 0.83 0.7 1.00 26.05 22.4 31.77 337.601,347.9 1491.041.4 4.86 4.9 5.53 292 296.3 330 146 151.3 148 28.6 29.8 26.8 0.86 0.7 1.00 25.02 21.3 30.75 343.811,354.1 1497.251 4.89 4.9 5.55 294 298.4 332	27.8 29.0 26.0 26.4 0.76 0.6 1.00 1.00 27.29 23.6 33.01 31.11 1.00 330.111,340.4 1483.551482.491 4.83 4.9 5.49 5.49 4.83 4.9 5.49 5.49 5.49 2.49 2.49 290 294.0 328 329 144 147 2.84 2.67 28.2 29.4 26.4 26.7 2.67 2.68 2.24 31.77 29.87 2.28 <td< td=""><td>27.8 29.0 26.0 26.4 27.1 0.76 0.6 1.00 1.00 0.79 27.29 23.6 33.01 31.11 27.55 330.111,340.4 1483.551482.491480.191 4.83 4.9 5.49 5.48 290 294.0 328 329 330 11 28.2 294.0 328 329 330 151 28.2 294.0 32 320 330 14 151 28.2 294.1 26.4 26.7 27.5 6.83 260.5 32.4 31.7 29.87 26.3 337.601,347.9 1.491.041489.991487.691 4.86 4.9 5.53 5.51 292 296.3 330 331 333 133 133 28.6 2.96.3 330 331 333 128 28.6 2.97 2.09 2.84 25.29 38.6 2.7 2.80 6.89</td><td>27.8 29.0 26.0 26.4 27.1 28.3 0.76 0.6 1.00 1.00 0.79 0.6 27.29 23.6 1.00 1.00 0.79 0.6 330.111,340.4 1483.551482.491480.191,490.51 1.490.5 1.49 5.49 5.48 5.5 290 294.0 328 329 330 334.7 144 149.3 146 147 151 156.1 28.2 29.4 26.4 26.7 27.5 28.7 26.0 2.2.4 31.77 29.87 26.3 2.2.6 337.60 1.347.9 1491.041489.991487.691,4980 1.486 4.9 5.53 5.52 5.51 5.6 292 296.3 330 331 333 337.0 1.486 1.498 1.498 1.488 1.498 1.56 1.26 1.286 1.286 1.286 1.286 1.286 1.286 1.286 1.286 1.286 1.286</td><td>27.8 29.0 26.0 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 0.76 0.6 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 27.2 23.6 1.00 1.00 0.79 0.6 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26.0 23.4 23.7 24.5 25.7 25.0 27.0 <th< td=""><td></td><td>1.00</td><td></td><td>1</td><td>4.84</td><td>288</td><td>141</td><td>27.4</td><td></td><td></td><td>1</td><td></td><td>290</td><td>143</td><td>27.9</td><td></td><td></td><td></td><td></td><td>292</td><td>:</td></th<></td></th<>	27.8 29.0 26.0 26.4 27.1 28.3 24.8 25.2 26.0 23.4 23.7 24.5 25.7 25.0 27.0 <th< td=""><td></td><td>1.00</td><td></td><td>1</td><td>4.84</td><td>288</td><td>141</td><td>27.4</td><td></td><td></td><td>1</td><td></td><td>290</td><td>143</td><td>27.9</td><td></td><td></td><td></td><td></td><td>292</td><td>:</td></th<>		1.00		1	4.84	288	141	27.4			1		290	143	27.9					292	:
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	26.0 1.00 33.01 483.5512 483.5514 1.00 31.77 25.43 11.00 11.00 148 26.8 26.8 26.8 26.8 26.8 26.8 26.8 26.	26.0 26.4 1.00 1.00 33.01 31.11 : 183.551482.4914 5.49 5.49 5.49 146 147 26.4 26.7 1.00 1.00 11.7 29.87 i 191.041489.9914 5.53 5.52 330 331 148 149 26.8 27.2 1.00 1.00 1.00 1.00 26.8 27.2 1.00 1.00 27.2 26.8 27.2 27.2 26.8 27.2 27.2 26.8 27.2 27.	26.0 26.4 27.1 1.00 1.00 0.79 33.01 31.11 27.55 183.551482.491480.191 5.49 5.49 5.48 328 329 330 146 147 151 26.4 26.7 27.5 1.00 0.85 31.77 29.87 26.32 191.041489.991487.691 5.53 5.52 5.51 330 331 333 148 149 153 26.8 27.2 28.0 1.00 0.89 30.75 28.44 25.29 197.251496.191493.901, 5.55 5.55 5.54	26.0 26.4 27.1 28.3 1.00 1.00 0.79 0.6 38.01 31.11 27.55 23.9 183.551482.491480.191,490.5 1 5.49 5.48 5.5 328 329 330 334.7 146 147 151 156.1 26.4 26.7 27.5 28.7 1.00 1.00 0.85 0.7 31.77 29.87 26.32 22.6 191.041489.991487.691,498 0.7 5.53 5.52 5.51 5.6 330 331 333 337.0 148 149 153 158.1 26.8 27.2 28.0 29.2 1.00 1.00 0.89 0.7 26.8 27.2 28.0 29.2 1.00 1.00 0.89 0.7 27.5 5.55 5.54 5.6 33.3 33.3 33.1	26.0 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 38.01 3.1.11 27.55 23.9 32.72 30.82 27.27 23.6 32.47 1.00 38.1 3.1.11 27.55 23.9 32.72 30.82 27.27 23.6 32.47 1.00 5.49 5.48 5.5 6.20 6.19 6.18 6.2 6.99 1.27 1.44 1.51 1.56.1 1.52 1.53 1.56 1.19 1.57 2.4 2.7.5 28.7 25.5 26.3 27.5 23.7 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.10 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.10 1.00 1.00 1.00 1.00 1.00 1.00	260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 100 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 1.00 38.01 3.1.11 27.55 2.3.9 32.72 30.82 27.27 23.6 22.47 30.56 483.551482.491480.191490.5 16.0 1.00 0.81 0.7 1.00 1.00 5.49 5.49 5.48 5.5 6.20 6.19 6.18 6.2 6.99 6.98 6.98 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.98 6.99 6.98 6.99 6.98 6.98 6.99 <td>260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 1.00 1.00 0.79 0.6 1.00</td> <td>260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.7 38.01 3.1.11 27.55 2.3 32.72 30.82 27.2 23.6 27.0 1.00 1.00 0.7 38.01 3.1.11 27.55 2.3 32.72 23.6 27.2 30.6 5.8 6.7 1.00 0.7 5.49 5.49 5.48 5.5 6.20 6.19 6.38 6.7 7.0 25.0 328 3.29 330 33.4 37.1 37.3 37.4 37.8 41.9 420 425 425.9 26.4 2.6.5 2.6.0 6.19 6.18 6.2 6.39 6.98 6.97 7.0 328 3.29 330 33.1 37.1 37.8 42.1 420 425<</td> <td>260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 25.0 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 1.00 0.7 1.00 38.01 3.1.1 27.55 2.3.9 2.7.2 23.6 27.27 30.56 27.01 2.3 1.00 0.7 1.00 38.1 3.1.1 27.55 2.3.9 2.7.2 23.6 27.2 2.0.6 27.0 23.8 27.0 2.0 1.00 0.7 1.00 5.49 5.49 5.48 5.5 6.20 6.19 6.99 6.99 6.98 6.97 7.0 7.01 328 3.29 33.0 33.1 37.3 37.4 37.8 4.99 4.90 4.20 4.59 4.69 44 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00</td> <td>260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00<td>_</td><td></td><td>_</td><td>,340.4</td><td>_</td><td>294.0</td><td>149.3</td><td>_</td><td>_</td><td>_</td><td>,347.9</td><td>—</td><td></td><td>151.3</td><td>_</td><td></td><td></td><td>ㅡ</td><td></td><td>298.4</td><td></td></td>	260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 1.00 1.00 0.79 0.6 1.00	260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.7 38.01 3.1.11 27.55 2.3 32.72 30.82 27.2 23.6 27.0 1.00 1.00 0.7 38.01 3.1.11 27.55 2.3 32.72 23.6 27.2 30.6 5.8 6.7 1.00 0.7 5.49 5.49 5.48 5.5 6.20 6.19 6.38 6.7 7.0 25.0 328 3.29 330 33.4 37.1 37.3 37.4 37.8 41.9 420 425 425.9 26.4 2.6.5 2.6.0 6.19 6.18 6.2 6.39 6.98 6.97 7.0 328 3.29 330 33.1 37.1 37.8 42.1 420 425<	260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 25.0 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 1.00 0.7 1.00 38.01 3.1.1 27.55 2.3.9 2.7.2 23.6 27.27 30.56 27.01 2.3 1.00 0.7 1.00 38.1 3.1.1 27.55 2.3.9 2.7.2 23.6 27.2 2.0.6 27.0 23.8 27.0 2.0 1.00 0.7 1.00 5.49 5.49 5.48 5.5 6.20 6.19 6.99 6.99 6.98 6.97 7.0 7.01 328 3.29 33.0 33.1 37.3 37.4 37.8 4.99 4.90 4.20 4.59 4.69 44 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	260 26.4 27.1 28.3 24.8 25.2 26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 1.00 1.00 0.79 0.6 1.00 1.00 0.81 0.7 1.00 <td>_</td> <td></td> <td>_</td> <td>,340.4</td> <td>_</td> <td>294.0</td> <td>149.3</td> <td>_</td> <td>_</td> <td>_</td> <td>,347.9</td> <td>—</td> <td></td> <td>151.3</td> <td>_</td> <td></td> <td></td> <td>ㅡ</td> <td></td> <td>298.4</td> <td></td>	_		_	,340.4	_	294.0	149.3	_	_	_	,347.9	—		151.3	_			ㅡ		298.4	
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22.6 22.6 22.6 2</td> <td>24.8 1.00 32.72 645.971 6.20 371 1.52 25.2 1.00 331.49 1.54 25.6 1.00 25.6 1.00 330.46 1.00 30.46 1.00</td> <td></td> <td>26.0 27.2 23.4 0.81 0.7 1.00 27.27 23.6 32.47 $\stackrel{?}{=}$ 642.611,652.9 1827.431E 6.18 6.2 6.99 1 156 161.9 157 26.3 27.5 23.7 1.00 0.7 1.00 26.03 22.3 31.23 2 26.010,660.4 1834.9318 6.22 6.3 7.02 377 380.8 421 158 163.9 159 26.8 28.0 24.2 1.00 0.8 1.00 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.63 1.63.9 1.69 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 27.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2</td> <td>26.0 27.2 23.4 23.7 0.81 0.7 1.00 1.00 27.27 23.6 32.47 30.56 2 642.611,652.9 1827.431826.3818 6.18 6.2 6.99 6.98 6 6.18 6.2 6.99 6.98 6 8 6 8 6 374 378.6 419 420 15 15 15 15 15 15 10<!--</td--><td>26.0 27.2 23.4 23.7 24.5 0.81 0.7 1.00 1.00 1.00 27.27 23.6 32.47 30.56 27.01 642.611,652.9 1827.431826.381824.08.1 6.98 6.98 6.97 6.18 6.2 6.99 6.98 6.97 422 6.18 6.2 6.99 6.98 6.97 422 156 16.9 6.98 6.97 422 422 156 16.9 4.20 422 422 422 16.3 27.5 23.7 24.1 24.9 16.2 26.3 27.5 23.7 24.1 24.9 100 26.3 27.5 23.7 24.1 24.9 42 26.3 27.5 27.0 701 401 42 42 42 26.3 27.2 27.0 27.0 27.0 27.0 26 28 28.2 28.3 28.3 28.3<td>26.0 27.2 23.4 23.7 24.5 25.7 0.81 0.7 1.00 1.00 1.00 0.7 27.27 23.6 32.47 30.56 27.01 23.3 642.61,652.9 1827.431826.381824.081,834.42 6.18 6.2 6.99 6.98 6.97 7.0 374 37.86 419 420 422 425.9 156 161.9 157 159 162 167.6 26.3 27.5 23.7 24.1 24.9 26.1 100 0.7 1.00 1.00 0.8 26.3 27.5 23.7 24.1 24.9 26.1 56.0 3.7 24.1 24.9 26.1 26.1 60.3 20.3 25.3 25.78 22.1 56.0 1.3 1.0 1.0 0.8 26.3 20.3 27.2 7.01 7.1 37 380.8 42.1 42.2</td><td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 0.81 0.7 1.00 1.00 1.00 0.7 1.00 27.27 23.6 32.47 30.56 27.01 23.3 33.66 3 642.611,652.9 1827.431826.381824.081,834.4 2040.3326 6.18 6.9 6.9 6.9 6.9 6.9 6.9 7.0 7.91 6.18 6.2 6.9 6.9 6.9 6.9 7.0 7.91 374 378.6 419 420 422 425.9 469 156 161.9 157 159 162 164 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 31.23 29.33 25.78 22.1 24.7 26.1 26.4 26.1 26.2 26.2 26.2 28.2<</td><td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 0.81 0.7 1.00<!--</td--><td>25.2</td><td>1.00</td><td></td><td>544.9110</td><td></td><td>373</td><td>153</td><td></td><td></td><td></td><td>552.4010</td><td></td><td>375</td><td>155</td><td>26.0</td><td></td><td></td><td>558.6110</td><td></td><td>377</td><td></td></td></td></td>	28.3 24.8 0.6 1.00 2.3.9 32.72 2.7 490.5 1645.971 25.5 6.20 25.6 1.00 22.6 31.49 22.6 6.23 337.0 374 25.2 25.6 6.23 337.0 374 25.2 25.6 6.23 25.6 0.7 1.00 22.6 22.6 22.6 22.6 22.6 22.6 22.6 2	24.8 1.00 32.72 645.971 6.20 371 1.52 25.2 1.00 331.49 1.54 25.6 1.00 25.6 1.00 330.46 1.00 30.46 1.00		26.0 27.2 23.4 0.81 0.7 1.00 27.27 23.6 32.47 $\stackrel{?}{=}$ 642.611,652.9 1827.431E 6.18 6.2 6.99 1 156 161.9 157 26.3 27.5 23.7 1.00 0.7 1.00 26.03 22.3 31.23 2 26.010,660.4 1834.9318 6.22 6.3 7.02 377 380.8 421 158 163.9 159 26.8 28.0 24.2 1.00 0.8 1.00 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.63 1.63.9 1.69 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 26.8 28.0 24.2 27.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2 25.00 21.3 30.20 2	26.0 27.2 23.4 23.7 0.81 0.7 1.00 1.00 27.27 23.6 32.47 30.56 2 642.611,652.9 1827.431826.3818 6.18 6.2 6.99 6.98 6 6.18 6.2 6.99 6.98 6 8 6 8 6 374 378.6 419 420 15 15 15 15 15 15 10 </td <td>26.0 27.2 23.4 23.7 24.5 0.81 0.7 1.00 1.00 1.00 27.27 23.6 32.47 30.56 27.01 642.611,652.9 1827.431826.381824.08.1 6.98 6.98 6.97 6.18 6.2 6.99 6.98 6.97 422 6.18 6.2 6.99 6.98 6.97 422 156 16.9 6.98 6.97 422 422 156 16.9 4.20 422 422 422 16.3 27.5 23.7 24.1 24.9 16.2 26.3 27.5 23.7 24.1 24.9 100 26.3 27.5 23.7 24.1 24.9 42 26.3 27.5 27.0 701 401 42 42 42 26.3 27.2 27.0 27.0 27.0 27.0 26 28 28.2 28.3 28.3 28.3<td>26.0 27.2 23.4 23.7 24.5 25.7 0.81 0.7 1.00 1.00 1.00 0.7 27.27 23.6 32.47 30.56 27.01 23.3 642.61,652.9 1827.431826.381824.081,834.42 6.18 6.2 6.99 6.98 6.97 7.0 374 37.86 419 420 422 425.9 156 161.9 157 159 162 167.6 26.3 27.5 23.7 24.1 24.9 26.1 100 0.7 1.00 1.00 0.8 26.3 27.5 23.7 24.1 24.9 26.1 56.0 3.7 24.1 24.9 26.1 26.1 60.3 20.3 25.3 25.78 22.1 56.0 1.3 1.0 1.0 0.8 26.3 20.3 27.2 7.01 7.1 37 380.8 42.1 42.2</td><td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 0.81 0.7 1.00 1.00 1.00 0.7 1.00 27.27 23.6 32.47 30.56 27.01 23.3 33.66 3 642.611,652.9 1827.431826.381824.081,834.4 2040.3326 6.18 6.9 6.9 6.9 6.9 6.9 6.9 7.0 7.91 6.18 6.2 6.9 6.9 6.9 6.9 7.0 7.91 374 378.6 419 420 422 425.9 469 156 161.9 157 159 162 164 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 31.23 29.33 25.78 22.1 24.7 26.1 26.4 26.1 26.2 26.2 26.2 28.2<</td><td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 0.81 0.7 1.00<!--</td--><td>25.2</td><td>1.00</td><td></td><td>544.9110</td><td></td><td>373</td><td>153</td><td></td><td></td><td></td><td>552.4010</td><td></td><td>375</td><td>155</td><td>26.0</td><td></td><td></td><td>558.6110</td><td></td><td>377</td><td></td></td></td>	26.0 27.2 23.4 23.7 24.5 0.81 0.7 1.00 1.00 1.00 27.27 23.6 32.47 30.56 27.01 642.611,652.9 1827.431826.381824.08.1 6.98 6.98 6.97 6.18 6.2 6.99 6.98 6.97 422 6.18 6.2 6.99 6.98 6.97 422 156 16.9 6.98 6.97 422 422 156 16.9 4.20 422 422 422 16.3 27.5 23.7 24.1 24.9 16.2 26.3 27.5 23.7 24.1 24.9 100 26.3 27.5 23.7 24.1 24.9 42 26.3 27.5 27.0 701 401 42 42 42 26.3 27.2 27.0 27.0 27.0 27.0 26 28 28.2 28.3 28.3 28.3 <td>26.0 27.2 23.4 23.7 24.5 25.7 0.81 0.7 1.00 1.00 1.00 0.7 27.27 23.6 32.47 30.56 27.01 23.3 642.61,652.9 1827.431826.381824.081,834.42 6.18 6.2 6.99 6.98 6.97 7.0 374 37.86 419 420 422 425.9 156 161.9 157 159 162 167.6 26.3 27.5 23.7 24.1 24.9 26.1 100 0.7 1.00 1.00 0.8 26.3 27.5 23.7 24.1 24.9 26.1 56.0 3.7 24.1 24.9 26.1 26.1 60.3 20.3 25.3 25.78 22.1 56.0 1.3 1.0 1.0 0.8 26.3 20.3 27.2 7.01 7.1 37 380.8 42.1 42.2</td> <td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 0.81 0.7 1.00 1.00 1.00 0.7 1.00 27.27 23.6 32.47 30.56 27.01 23.3 33.66 3 642.611,652.9 1827.431826.381824.081,834.4 2040.3326 6.18 6.9 6.9 6.9 6.9 6.9 6.9 7.0 7.91 6.18 6.2 6.9 6.9 6.9 6.9 7.0 7.91 374 378.6 419 420 422 425.9 469 156 161.9 157 159 162 164 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 31.23 29.33 25.78 22.1 24.7 26.1 26.4 26.1 26.2 26.2 26.2 28.2<</td> <td>26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 0.81 0.7 1.00<!--</td--><td>25.2</td><td>1.00</td><td></td><td>544.9110</td><td></td><td>373</td><td>153</td><td></td><td></td><td></td><td>552.4010</td><td></td><td>375</td><td>155</td><td>26.0</td><td></td><td></td><td>558.6110</td><td></td><td>377</td><td></td></td>	26.0 27.2 23.4 23.7 24.5 25.7 0.81 0.7 1.00 1.00 1.00 0.7 27.27 23.6 32.47 30.56 27.01 23.3 642.61,652.9 1827.431826.381824.081,834.42 6.18 6.2 6.99 6.98 6.97 7.0 374 37.86 419 420 422 425.9 156 161.9 157 159 162 167.6 26.3 27.5 23.7 24.1 24.9 26.1 100 0.7 1.00 1.00 0.8 26.3 27.5 23.7 24.1 24.9 26.1 56.0 3.7 24.1 24.9 26.1 26.1 60.3 20.3 25.3 25.78 22.1 56.0 1.3 1.0 1.0 0.8 26.3 20.3 27.2 7.01 7.1 37 380.8 42.1 42.2	26.0 27.2 23.4 23.7 24.5 25.7 22.0 0.81 0.7 1.00 1.00 1.00 0.7 1.00 27.27 23.6 32.47 30.56 27.01 23.3 33.66 3 642.611,652.9 1827.431826.381824.081,834.4 2040.3326 6.18 6.9 6.9 6.9 6.9 6.9 6.9 7.0 7.91 6.18 6.2 6.9 6.9 6.9 6.9 7.0 7.91 374 378.6 419 420 422 425.9 469 156 161.9 157 159 162 164 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 27.5 23.7 24.1 24.9 26.1 22.4 26.3 31.23 29.33 25.78 22.1 24.7 26.1 26.4 26.1 26.2 26.2 26.2 28.2<	26.0 27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 0.81 0.7 1.00 </td <td>25.2</td> <td>1.00</td> <td></td> <td>544.9110</td> <td></td> <td>373</td> <td>153</td> <td></td> <td></td> <td></td> <td>552.4010</td> <td></td> <td>375</td> <td>155</td> <td>26.0</td> <td></td> <td></td> <td>558.6110</td> <td></td> <td>377</td> <td></td>	25.2	1.00		544.9110		373	153				552.4010		375	155	26.0			558.6110		377	
26.4 27.1 28.3 24.8 25.2 1.00 0.79 0.6 1.00 1.00 1.11 27.55 23.9 32.72 30.82 3 182.491480.191,490.5 1645.971644.9116 5.48 5.5 6.20 6.19 33 249 5.48 5.5 6.20 6.19 33 34 371 373 147 151 156.1 152 153 25.5 5.5 100 0.0	27.1 28.3 24.8 25.2 0.79 0.6 1.00 1.00 27.55 23.9 32.72 30.82 3 480.19 1,490.5 1645.971644.9116 5.48 5.5 6.20 6.19 5.48 5.5 6.20 6.19 33 37 373 330 334.7 371 373 373 373 373 27.5 28.7 25.2 25.5 6.28 5 6.28 5 6.85 0.7 1.00 1.00 1.00 1.00 6.23 6.23 6.23 6.23 6.23 8.23 33 33 3.44 375 375 38 33 33 33 374 375 375 32 25.6 26.0 6.0	28.3 24.8 25.2 0.6 1.00 1.00 1.00 1.00 1.00 1.00 1.00	24.8 25.2 1.00 1.00 32.72 30.82; 645.971644.9116 6.20 6.19 371 373 152 153 25.2 25.5 1.00 1.00 31.49 29.58; 653.461652.4016 6.23 6.23 374 375 154 155 25.6 26.0 1.00 1.00 30.46 28.56; 25.6 26.0 1.00 1.00 30.46 28.56; 25.6 26.0 25.6 26.0 25.6 26.0 25.6 26.0 25.7 26.0 25.7 26.0 25.8 26.0 25.8 26.0 25.8 26.0 25.9 26.0	25.2 1.00 30.82 5644.9116 6.19 373 1153 25.5 1.00 29.58 7552.4016 6.23 375 11.00 28.56 726.0 1.00 28.56 726.0 1.00	27.2 23.4 0.7 1.00 23.6 32.47 3 165.2 1827.4318 6.2 6.99 1 878.6 419 161.9 157 27.5 23.7 1.00 22.3 31.23 2 26.6.4 1834.9318 6.3 7.02 880.8 421 153.9 159 280. 24.2 1 280. 24.2 1 281.3 30.20 2 281.3 30.20 2 282.6 6.6 1841.1418 6.3 7.05 1 6.3 9 1.00 28.6 6.6 1841.1418	27.2 23.4 23.7 0.7 1.00 1.00 23.6 32.47 30.56 2 6.52.9 1827.431826.3818 6.98 6 6.2 6.99 6.98 6 878.6 4.19 420 6 161.9 157 159 27.5 23.7 24.1 0 0.7 1.00 1.00 1.00 22.3 31.23 29.33 2 660.4 1834.931833.8718 6.0 1.00 22.3 7.02 7.02 880.8 42.1 42.2 663.9 1.00 1.00 22.1 3.020 28.30 2 666.6 1841.141840.0818 6.6 1.04 22.3 7.05 7.04 86.3 7.05 7.04	27.2 23.4 23.7 24.5 0.7 1.00 1.00 1.00 23.6 32.47 30.56 27.01 6.2 6.99 6.98 6.97 6.2 6.99 6.98 6.97 78.6 419 420 422 76.1 157 159 162 77.5 23.7 24.1 24.9 70.7 1.00 1.00 1.00 22.3 23.7 24.1 24.9 60.4 1834.931833.871831.571, 6.3 7.02 7.01 80.8 42.1 42.2 42.4 4.2 66.3 7.02 7.02 7.01 8.8 80.8 42.1 42.2 42.4 4.2 66.3 1.00 1.00 1.00 1.00 28.0 24.2 24.5 25.3 3 28.0 24.5 25.3 3 20.2 20.1 28.1 1.0	27.2 23.4 23.7 24.5 25.7 0.7 1.00 1.00 1.00 0.7 23.6 32.47 30.56 27.01 23.3 65.2 1827.431826.381824.081,834.42 6.98 6.97 7.0 6.2 6.99 6.98 6.97 7.0 78.6 419 420 422 425.9 161.9 157 159 162 167.6 27.5 23.7 24.1 24.9 26.1 0.7 1.00 1.00 1.0 0.8 27.2 23.7 24.1 24.9 26.1 66.4 1.834.931833.871831.571,841.92 26.1 66.6 80.8 42.1 42.2 42.4 428.1 66.3 7.02 7.02 7.0 7.1 80.8 42.1 42.2 25.3 26.5 80.8 1.00 1.00 0.8 21.3 30.20 28.30 24.75	27.2 23.4 23.7 24.5 25.7 22.0 0.7 1.00 1.00 1.00 0.7 1.00 23.6 32.47 30.56 27.01 23.3 33.66 33.66 6.52.9 1827.431826.381824.08 1,834.4 2040.332 6.5 6.99 6.98 6.97 7.0 7.91 878.6 419 420 422 425.9 469 161.9 157 159 162 167.6 164 27.5 23.7 24.1 24.9 26.1 22.4 27.5 23.7 24.1 24.9 26.1 22.4 27.5 23.7 24.1 24.9 26.1 22.4 27.5 23.7 24.1 24.9 26.1 22.4 28.6 1.00 1.00 0.8 1.00 27.2 27.0 27.1 27.1 27.2 28.9 24.2 428.1 471 28.3 1.6	27.2 23.4 23.7 24.5 25.7 22.0 22.4 2 0.7 1.00 </td <td></td> <td>0.81</td> <td></td> <td>542.611,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>550.10 1,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>556.311,</td> <td></td> <td></td> <td></td>		0.81		542.611,							550.10 1,							556.311,			
264 27.1 28.3 24.8 25.2 26.0 1.00 0.79 0.6 1.00 1.00 0.81 11.1 27.55 2.3.9 32.72 30.82 27.27 182.491480.191490.5 1.645.971644.911642.611, 5.49 5.48 5.5 6.20 6.19 6.18 329 330 334.7 371 373 374 37 147 151 156.1 152 153 156 1 26.7 27.5 28.7 25.2 25.5 26.3 3 100 0.85 0.7 1.00 1.00 1.00 99.87 26.32 25.6 25.5 26.33 26.33 189.991487.691,498 1653.461652.401650.101, 25.2 5.56 6.23 6.23 6.23 149 153 158.1 154 155 158 1 170 0.89 0.7 1.00 1.00 1.00 184	27.1 28.3 24.8 25.2 26.0 0.79 0.6 1.00 1.00 0.81 27.55 23.9 32.72 30.82 27.27 480.191,490.5 1645.971644.911642.611, 5.48 5.5 6.20 6.19 6.18 5.48 5.5 6.20 6.19 6.18 374 37 15.1 156.1 152 153 156 1 27.5 28.7 25.2 25.5 26.3 27.5 28.7 1.00 1.00 1.00 26.3 27.6 31.49 29.58 26.03 487.691,498.0 1653.461552.401650.101, 1.00 1.00 5.5.1 5.6 6.23 6.22 25.2 333 337.0 374 375 377 28.0 29.2 25.6 26.0 26.8 28.8 0.7 1.00 1.00 28.9 0.7 1.00 1.00 <	28.3 24.8 25.2 26.0 0.6 1.00 1.00 0.81 23.9 32.72 30.82 27.27 490.5 1.645.971644.911642.611,2 5.5 6.20 6.19 6.18 334.7 371 373 374 3 155.1 153 156 1 28.7 25.2 25.5 26.3 0.7 1.00 1.00 1.00 22.6 31.49 29.58 26.03 498.0 1653.461652.401650.10 1,0 26.6 6.23 6.22 337.0 374 375 377 377 378 158.1 155 158 1 100 1.00 20.2 25.6 26.0 26.8 0 0 318.1 155 158 1 100 1.00 21.6 25.6 26.0 26.8 2.00 26.8 22.2 26.2 25.0 25.0 25.0	24.8 25.2 26.0 1.00 1.00 0.81 32.72 30.82 27.27 645.971644.911642.611, 6.18 37.4 6.20 6.19 6.18 371 373 374 3 152 153 156 1 25.2 25.5 26.3 1.00 31.49 29.58 26.03 65.3 653.461652.401650.10 1, 6.23 6.22 374 375 377 3 154 155 158 1 25.6 26.0 26.8 1 1100 1.00 1.00 30.46 28.56 25.00 6526 6.25 25.00 658 658 654 658 6.26 6.25 6.24 658 658 658 658 377 377 379 379 379 379 379 379	25.2 26.0 1.00 0.81 30.82 27.27 644.911642.611, 6.19 6.18 373 374 3 153 156 1 25.5 26.3 1.00 1.00 29.58 26.03 652.401650.10 1, 6.23 6.22 375 377 3 115 158 1 26.0 26.8 1.00 1.00 28.56 25.00 28.56 25.00 28.56 25.00	23.4 1.00 2.47 ± 2.7.4318 5.99 1 419 1.100 1.1.23 2 3.4.9318 7.02 7.02 7.02 7.02 7.02 7.02 7.02 7.02	23.4 23.7 11.00 1.00 2.47 30.56 2 2.7.431826.3818 5.99 6.98 6 419 420 1.57 159 23.7 24.1 1.00 1.00 1.1.23 29.33 2 34.931833.8718 7.02 7.02 421 422 1.59 161 24.2 24.5 1.00 1.00 0.00 2.8.30 2 4.1.141840.0818	23.4 23.7 24.5 1.00 1.00 1.00 2.47 30.56 27.01 2.7431826.381824.08.1, 27.431826.381824.08.1, 2.59 6.98 6.97 419 420 422 419 420 422 157 159 162 160 1.00 1.00 1.13 29.33 25.78 34.931833.871831.571, 702 7.01 421 422 424 4 421 422 424 4 422 24.5 25.3 1100 1.00 1.00 100 1.00 1.00 120 1.01 1.00 120 1.00 1.00 120 24.5 25.3 44.1 42.0 4.0 44.2 4.0 7.03 44.2 4.2 4.2 44.2 4.2 4.2	23.4 23.7 24.5 25.7 1100 1.00 0.7 2.47 30.56 27.01 23.3 2.7431826.381824.081,834.42 25.9 6.98 6.97 7.0 419 420 422 425.9 157 159 162 167.6 23.7 24.1 24.9 26.1 100 1.00 1.00 0.8 1.123 29.33 25.78 22.1 34.931833.871831.571,841.92 7.02 7.01 7.1 421 422 424 428.1 159 161 164 169.6 24.2 24.5 25.3 26.5 100 1.00 0.8 0.100 1.00 0.8 0.2 7.01 7.1 159 161 164 169.6 24.2 24.5 25.3 26.5 100 1.00 0.8 0.00 1.00 0.8<	23.4 23.7 24.5 25.7 22.0 1.00 1.00 1.00 0.7 1.00 2.47 30.56 27.01 23.3 33.66 33.66 2.7431826.381824.08 1,834.4 2040.332 5.9 6.98 6.97 7.0 7.91 419 420 422 425.9 469 157 159 162 167.6 164 23.7 24.1 24.9 26.1 22.4 100 1.00 0.8 1.00 1.23 29.33 25.78 22.1 22.4 20 7.01 1.0 0.8 1.00 1.23 29.33 25.78 22.1 247.8 24.9 42.4 428.1 471 159 16.1 16.4 16.9 16.6 24.5 25.3 26.5 22.8 24.5 24.5 42.8 1.00 24.5 24.5 25.3 26.5 22	23.4 23.7 24.5 25.7 22.0 22.4 2 11.00 11.00 0.7 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 12.01	_		_	652.9 18	_	_	_	H	_	_	660.4 18	—			<u> </u>			666.6 18		_	_
26.4 27.1 28.3 24.8 25.2 26.0 27.2 1.00 0.79 0.6 1.00 1.00 0.81 0.7 11.11 27.55 23.9 32.72 30.82 27.27 23.6 11.11 27.55 23.9 32.72 30.82 27.27 23.6 11.12 27.5 23.8 5.5 6.20 6.19 6.18 6.2 5.49 5.48 5.5 6.20 6.19 6.18 6.2 10.0 329 330 33.47 371 373 374 378.6 147 151 156.1 152 153 156 16.19 26.7 27.5 28.7 25.2 25.5 26.3 27.5 27.5 100 0.85 0.7 1.00 1.00 0.7 20.8 28.3 100 0.85 0.7 1.00 1.00 0.7 20.8 28.3 25.2	27.1 28.3 24.8 25.2 26.0 27.2 0.79 0.6 1.00 1.00 0.81 0.7 27.55 23.9 32.72 30.82 27.27 23.6 280.19 1,490.5 1645.971644.911642.611,652.91 18 5.8 5.8 6.20 6.19 6.18 6.2 1.8 5.8 5.8 5.8 1.8 6.2 1.8 1.8 5.8 1.8	28.3 24.8 25.2 26.0 27.2 30.6 1.00 0.81 0.7 23.9 32.72 30.82 27.27 23.6 490.5 1.65.71644.911.642.611,652.9 18 5.5 6.20 6.19 6.18 6.2 1.2 5.5 6.20 6.19 6.18 6.2 1.2	24.8 25.2 26.0 27.2 1.00 1.00 0.81 0.7 32.72 30.82 27.27 23.6 2 645.971644.911642.611,652.91 6.18 6.2 1.3 1.0	25.2 26.0 27.2 1.00 0.81 0.7 23.6 23.82 27.27 23.6 2644.911642.611,652.9 18 6.19 6.18 6.2 1.10 0.7 25.5 26.3 27.5 26.3 27.5 26.3 27.5 26.2 26.3 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5		23.7	23.7 24.5 1.00 1.00 80.56 27.01 826.381824.08.1, 826.381824.08.1, 6.98 6.97 420 422 42 1.00 1.00 9.33 25.78 83.871831.571, 7.02 7.01 422 424 4 161 164 3 24.5 25.3 1.00 1.00 1.00 1.00 424 424 426 426 427 427 427 427 427 427 426 427 426 427 427 427 427 427 427 427 426 427 426 427 426 427 426 427 426 427 426 427 426 427 426 427 426 427 426	23.7 24.5 25.7 1.00 1.00 0.7 80.56 27.01 23.3 826.381824.081,834.42 6.98 6.97 7.0 6.98 6.97 7.0 420 422 425.9 159 162 167.6 24.1 24.9 26.1 1.00 1.00 0.8 89.33 25.78 22.1 83.871831.571,841.92 7.02 7.01 7.1 422 424 428.1 161 164 169.6 24.5 25.3 26.5 1.00 0.0 1.00 0.0 88.30 24.75 21.1 440 0.81837.781,848.12 140 8.830 24.75 21.1 140 8.830 24.75 21.1 140 8.830 24.75 21.1	23.7 24.5 25.7 22.0 1.00 1.00 0.7 1.00 80.56 27.01 23.3 33.66 3 826.381824.08 1.834.4 2040.332 6.98 6.97 7.0 7.91 420 422 425.9 469 469 469 162 164 26.1 22.4 24.1 24.9 26.1 22.4 1.00 29.33 25.78 2.0 1.00 29.33 25.78 2.0 1.00 29.33 25.78 2.0 1.00 29.33 25.78 2.0 1.00 29.33 25.78 2.0 1.00 29.33 25.78 2.0 1.00 29.28 1.00 29.28 2.0 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 3.0 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.	23.7 24.5 25.7 22.0 22.4 23.2 1.00 1.00 1.00 1.00 1.00 1.00 30.56 2.70.1 23.3 33.66 31.76 28.2 25.3 23.63 31.76 28.2 28.2 25.63 23.7 1.00 1.00 1.00 26.98 6.37 7.0 7.91 7.91 7.90 420 42.5 469 470 472 159 159 24.1 24.9 26.1 12.4 22.8 23.6 1.00 1.00 24.1 24.9 26.1 12.4 1.00 <td< td=""><td></td><td></td><td></td><td>27.4318</td><td></td><td></td><td></td><td></td><td></td><td></td><td>34.9318</td><td></td><td></td><td></td><td></td><td></td><td></td><td>41.1418</td><td></td><td></td><td></td></td<>				27.4318							34.9318							41.1418			

 $\ensuremath{\mathsf{kW}}=\ensuremath{\mathsf{Total}}$ system power Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Shaded area reflects AHRI (TVA) conditions.

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

motors
fan
- condenser
porator -
r eva
(comp
Unit amps
Amps:

												٥	utdoor	Ambier	Outdoor Ambient Temperature	rature										
					65			•	75			82	ľ			95				105		-		115		
												Ente	ring Indo	oor Wet	Entering Indoor Wet Bulb Temperature	mperat	ure									
IDB	A	Airflow	29	E9 	- 69	71	29	63	67	71	59	63	29	7.1	29	—	29	71	29	63	. 29	17	29	<u> </u>		71
		MBh	57.0	57.8	59.5	,	56.5	57.3	59.0		55.0	55.8	57.5	,	52.5	53.3	55.0	,	49.3	50.1	51.8	- 4	46.5 4	47.3 4	49.0	,
		S/T	09.0	0.53	0.39	1	0.61	0.53	0.40		0.63	0.56	0.42	,	0.65	0.58	0.44	,	1.00	09.0	0.47	_	1.00 0	0.65 0	0.52	,
		ΔT	21.45	19.46	15.74	•	21.40	21.40 19.41	15.69	,	21.68	19.69	15.97	,	21.38	19.39	15.67	,	21.11	19.12	15.40	- 2	22.36 20	20.37	16.65	,
	1500	×	3839.33	13835.82	839.313835.823828.24	-	4282.6	74279.18	1282.674279.184271.60	,	4777.57	4777.574774.084766.50	4766.50	1	5313.145	313.145309.655302.07	302.07	- 5	911.525908.035900.45	908.0359	900.45	- 66:	13.5666	613.566610.076602.49	02.49	,
		Amps	13.05	13.04	13.01	,	14.98	14.97	14.93		17.13	17.12	17.08	,	19.46	19.45	19.41	,	22.06	22.05	22.01	- 2!	25.12 25	25.10 2!	25.07	
		Hi PR	277	278	280	1	320	322	324	,	366	367	369	_	415	417	419	_	468	470	472		525	526	528	_
		Lo PR	122	123	126	1	129	131	134	-	136	137	140	-	141	143	146	-	147	148	151	-	153 1	155	158	-
		MBh	57.7	58.5	60.2	,	57.2	58.0	59.7	,	55.7	56.5	58.2	-	53.2	54.0	55.7	,	50.0	50.8	52.5	- 4	47.2 4	48.0 4	49.7	,
		S/T	0.66	0.58	0.45	1	99.0	0.59	0.45	,	69.0	0.61	0.48	_	0.71	0.63	0.50	_	1.00	0.65	0.52		1.00 0	0.70	0.57	_
		ΔT	20.33	20.33 18.34 14.62	14.62	,	20.27	18.28	14.56	,	20.55	18.56	14.84	,	20.25	18.26	14.54	-	19.99	18.00 1	14.28	- 2:	21.23 19	19.24 1	15.53	,
70	1700	××	3860.82	23857.33	860.823857.333849.75	1	4304.1	74300.68	1304.174300.684293.10	,	4799.074795.584788.00	4795.58	4788.00	1	5334.645331.155323.57	331.155	323.57	- 5	5933.025929.545921.96	929.5459	321.96	- 66	35.0666	5635.066631.576623.99	23.99	,
		Amps	13.15	13.15 13.13	13.10	1	15.07	15.06	15.03	,	17.23	17.21	17.18	_	19.55	19.54	19.51		22.16	22.14	22.11	- 2!	25.21 25	25.19 2!	25.16	_
		Hi PR	279	280	282	,	323	324	326		368	370	371	,	418	419	421	,	471	472	474	1	527	529	530	
		Lo PR	124	125	128	1	131	132	136		137	139	142	-	143	144	147	,	148	150	153	-	155 1	157	160	
		MBh	58.6	59.4	61.1	,	58.1	58.9	9.09	,	9.95	57.4	59.1	-	54.0	54.8	56.5	,	50.9	51.7	53.4	- 4	48.0 4	48.8 5	50.5	
		S/T	0.69	0.61	0.48	1	0.70	0.62	0.49		0.72	0.64	0.51	,	1.00	99.0	0.53	_	1.00	69.0	0.55		1.00 0	0.74 0	0.60	,
		ΔT	19.37	17.38	13.66	1	19.32	17.33	13.61		19.60	17.61	13.89	,	19.30	17.31	13.59	-	19.03	17.04	13.32	- 20	20.28 18	18.29 14	14.57	,
	1900	×	3879.04	879.043875.553867.97	53867.97	4	4322.35	94318.90	4322.394318.904311.32		4817.29	817.294813.814806.23	4806.23	1	5352.865349.375341.79	349.375	341.79	- 5	5951.255947.765940.18	947.7659	340.18	- 66!	53.2866	653.286649.796642.23	12.21	,
		Amps	13.23	13.21	13.18	1	15.15	15.14	15.11		17.31	17.29	17.26	,	19.63	19.62	19.59		22.24	22.22	22.19	- 2	25.29 25	25.27 2!	25.24	,
		Hi PR	281	282	284	1	325	326	328		370	372	374	,	420	421	423	_	473	474	476		529	531	533	,
		Lo PR	125	127	130	1	133	134	137	-	139	141	144	-	145	146	149	-	150	152	155	-	157 1	158	161	
		MBh	57.0	57.9	59.6	62.2	56.5	57.3	59.0	61.6	55.0	55.9	57.6	60.2	52.5	53.3	55.0	57.6	49.4	50.2	51.9 5	54.5 4	46.5 4	47.3 4	49.0 5	51.6
		S/T	0.73	0.65	0.52	0.4	0.74	0.66	0.53	0.4	1.00	0.69	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.73	0.59	0.5	1.00	1.00	0.64	0.5

		MBh	57.0	57.9	59.6	62.2	56.5	57.3	59.0	61.6	55.0	55.9	57.6	60.2	52.5	53.3	55.0	57.6	49.4	50.2	51.9	54.5	46.5	47.3	49.0	51.6
		S/T	0.73	0.65	0.52	0.4	0.74	99.0	0.53	0.4	1.00	0.69	0.55	0.4	1.00	0.70	0.57	0.4	1.00	0.73	0.59	0.5	1.00	1.00	0.64	0.5
		ΔT	25.83	23.84	20.12	16.3	25.78	23.79	20.07	16.2	26.06	24.07	20.35	16.5	25.76	23.77	20.05	16.2	25.49	23.50 1	19.78	15.9	26.74	24.75	21.03	17.2
	1500	¥	3836.43	3832.94	3825.36	3836.433832.943825.363,859.3 4279.784276.30426	4279.784	1276.304	38.72	1,302.6	1774.694	1771.204	1763.62	4,797.5	4,302.6 4774.694771.204763.624,797.5 5310.265306.775299.195,333.1	306.775	299.195		5908.645905.155897.575,931.5 6610.686607.196599.61	905.1558	397.575,	931.5	610.686	607.196	599.61	6,633.5
		Amps	13.04	13.03	12.99	13.1	14.97	14.95	14.92	15.1	17.12	17.11	17.07	17.2	19.45	19.43	19.40	19.5	22.05	22.04	22.00	22.1	25.10	25.09	25.05	25.2
		Hi PR	277	278	280	285.0	321	322	324	328.6	366	368	370	374.3	416	417	419	423.6	469	470	472 4	476.7	525	527	529	533.3
		Lo PR	122	123	126	131.6	129	131	134	139.0	136	137	140	145.5	141	143	146	151.0	147	148	151 1	156.4	153	155	158	163.1
		MBh	57.8	58.6	60.3	67.9	57.2	58.0	8.65	62.4	55.8	9.99	58.3	6.09	53.2	54.0	55.7	58.3	50.1	50.9	52.6	55.2	47.2	48.0	49.7	52.3
		S/T	0.78	0.71	0.58	0.4	0.79	0.72	0.58	0.4	1.00	0.74	0.61	0.5	1.00	92.0	0.63	0.5	1.00	0.78	0.65	0.5	1.00	1.00	0.70	9.0
		ΔT	24.71	22.72	19.00	15.1	24.65	24.65 22.66 18	18.94	15.1	24.93	22.94	19.22	15.4	24.63	22.64	18.92	15.1	24.37	22.37	18.66	14.8	25.61	23.62	19.90	16.1
75	1700	×	3857.93	3854.45	3846.87	3857.933854.453846.87 3,880.8 4301.294297.804290.22	4301.294	1297.804	1290.224	4,324.1	1796.194	1792.704	1785.12	4,819.0	4796.194792.704785.124,819.0 5331.76 5328.27 5320.69	328.275	320.69 5	5,354.6 59	5930.145926.665919.085,953.0 6632.186628.696621.116,655.0	926.6655	919.085,	953.0	632.186	628.696	621.116	6,655.0
	_	Amps	13.13	13.12	13.09	13.2	15.06	15.05	15.01	15.2	17.21	17.20	17.17	17.3	19.54	19.53	19.49	19.6	22.14	22.13 2	22.10	22.2	25.20	25.18	25.15	25.3
		Hi PR	279	280	282	287.2	323	324	326	330.8	369	370	372	376.6	418	419	421	425.8	471	472	474 4	478.9	528	529	531	535.5
		Lo PR	124	125	128	133.3	131	132	136	140.7	137	139	142	147.2	143	144	148	152.7	148	150	153 1	158.1	155	157	160	164.8
		MBh	58.6	59.4	61.1	63.7	58.1	58.9	9.09	63.2	56.6	57.4	59.1	61.7	54.0	54.8	56.5	59.1	50.9	51.7	53.4	56.0	48.1	48.9	50.6	53.2
		S/T	0.82	0.74	0.61	0.5	0.82	0.75	0.61	0.5	1.00	0.77	0.64	0.5	1.00	0.79	99.0	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.73	9.0
		ΔT	23.75	21.76	18.04	14.2	23.70	21.70	17.99	14.1	23.98	21.98	18.27	14.4	23.67	21.68	17.97	14.1	23.41 2	21.42	17.70	13.8	24.66	22.66	18.95	15.1
	1900	¥	3876.16	3872.67	3865.09	3876.163872.673865.093,899.0 4319.514316.02430	4319.51	1316.024	1308.444	08.44 4,342.4	1814.414	1810.934	1803.35	4,837.3	4814.414810.934803.354,837.3 5349.985346.495338.915,372.8	346,495	338.915	,372.8	5948.375944.885937.305,971.2 6650.406646.916639.33	944.8859	937.305,	971.2	650.406	646.916	639.336	6,673.2
		Amps	13.21	13.21 13.20 13.17	13.17	13.3	15.14 15.13		15.09	15.2	17.29	17.28	17.24	17.4	19.62	19.61	19.57	19.7	22.22	22.21	22.18	22.3	25.28	25.26	25.23	25.4
		Hi PR	281	283	284	289.3	325	326	328	333.0	371	372	374	378.7	420	421	423	427.9	473	474	476 4	481.0	530	531	533	537.7
		Lo PR	125	127	130	135.2	133	134	137	142.6	139	141	144	149.1	145	146	149	154.6	150	152	155 1	159.9	157	158	162	166.7
IDB: En	tering Inc	IDB: Entering Indoor Dry Bulb Temperature	ulb Temp	erature						νı	Shaded area reflects ACCA (TVA) conditions.	ea reflec	ts ACCA	(TVA) cor	nditions.									kW = Total system power	al system	n power

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

SS-DP3GM/DP3UM-3PH-R32

													Jutdoor	Ambie	Outdoor Ambient Temperature	erature										
				او	65				75			85	2			95				105				115		
												Ente	ring Ind	oor We	Entering Indoor Wet Bulb Temperature	empera	ture									
IDB	Air	Airflow	29	63	67	71	29	63	29	7.1	29	63	- 69	71	29	63	29	71	29	63	29	71	29	— 63	– 29	71
		MBM	57.3	58.1	59.8	62.4	56.8	57.6	59.3	61.9	55.3	56.1	57.9	60.5	52.8	53.6	55.3	57.9	49.7	50.5	52.2	54.8	46.8	47.6	49.3	51.9
		S/T	0.85	0.78	0.64	0.5	1.00	0.78	0.65	0.5	1.00	0.81	0.68	0.5	1.00	0.83	69.0	9.0	1.00	1.00	0.72	9.0	1.00	1.00	0.77	9.0
		ΔT	30.24	28.25	24.53	20.7	30.19	28.19	24.48	20.6	30.47	28.47	24.76	20.9	30.16	28.17	24.46	20.6	29.90	27.91	24.19	20.3	31.15	29.15	25.44	21.6
	1500	××	3838.76	33835.28	3838.763835.283827.703,861.6 <mark>4282.124278.634</mark> 2	3,861.6	4282.1.	24278.6		4,305.0	4777.02	71.05 4,305.0 4777.024773.534765.95 4,799.9	4765.95			5312.595309.105301.525,335.4	5301.52	5,335.4 5	5910.975907.495899.91	907.495.	899.915	933.8	5,933.8 6613.016609.526601.946,635.9	509.526	501.946	6.389,
		Amps	13.05	13.04	13.00	13.2	14.98	14.96	14.93	15.1	17.13	17.12	17.08	17.2	19.46	19.44	19.41	19.6	22.06	22.05	22.01	22.2	25.11	25.10	25.06	25.2
		Hi PR	278	279	281	285.5	321	322	324	329.1	367	368	370	374.9	416	417	419	424.1	469	470	472 ,	477.2	526	527	529	533.8
		Lo PR	122	124	127	132.2	130	131	134	139.6	136	138	141	146.1	142	143	146	151.6	147	149	152	156.9	154	155	158	163.7
		MBh	58.1	58.9	9.09	63.2	57.5	58.3	0.09	62.6	56.1	56.9	58.6	61.2	53.5	54.3	26.0	58.6	50.4	51.2	52.9	55.5	47.5	48.3	50.0	52.6
		S/T	1.00	0.83	0.70	9.0	1.00	0.84	0.71	9.0	1.00	0.86	0.73	9.0	1.00	0.88	0.75	9.0	1.00	1.00	0.77	9.0	1.00	1.00	0.82	0.7
		ΔT	29.11	27.12	23.41	19.6	29.06	27.07	23.35	19.5	29.34	27.35	23.63	19.8	29.04	27.05	23.33	19.5	28.77	26.78	23.06	19.2	30.02	28.03	24.31	20.5
80	1700	κ	3860.27	73856.78	860.273856.783849.203,883.1 4303.624300.1342	3,883.1	4303.6.	24300.13	34292.55	4,326.5	4798.52	92.554,326.5 4798.524795.044787.454,821.4	4787.45		5334.09	5334.095330.60 5323.02 5,356.9	5323.02	5,356.9	5932.485928.995921.41	928.995	921.415	5,955.3	6634.516631.026623.446,657.4	531.026	523.446	,657.4
		Amps	13.14	13.13	13.10	13.2	15.07	15.06	15.02	15.2	17.22	17.21	17.18	17.3	19.55	19.54	19.50	19.7	22.15	22.14	22.11	22.3	25.21	25.19	25.16	25.3
		Hi PR	280	281	283	287.7	323	325	327	331.3	369	370	372	377.1	418	420	421	426.3	471	473	475	479.4	528	529	531	536.0
		Lo PR	124	126	129	133.9	131	133	136	141.3	138	139	143	147.8	143	145	148	153.2	149	150	153	158.6	156	157	160	165.4
		MBh	58.9	59.7	61.4	64.0	58.4	59.2	6.09	63.5	56.9	57.7	59.4	62.0	54.3	55.1	56.8	59.4	51.2	52.0	53.7	56.3	48.4	49.2	50.9	53.5
		S/T	1.00	0.87	0.73	9.0	1.00	0.87	0.74	9.0	1.00	0.90	0.76	9.0	1.00	1.00	0.78	9.0	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7
		ΔT	28.16	26.17	22.45	18.6	28.10	26.11	22.39	18.5	28.38	26.39	22.67	18.8	28.08	26.09	22.37	18.5	27.82	25.83	22.11	18.3	29.06	27.07	23.35	19.5
	1900	kW	3878.49	3875.0C	3878.493875.003867.423,901.3 4321.844318.3643	3,901.3	4321.8	44318.30		7,344.7	4816.75	10.77 4,344.7 4816.754813.264805.684,839.6	4805.68		5352.315348.835341.25	5348.83	5341.25	5,375.2	5950.705947.215939.635,973.5 6652.736649.256641.676,675.6	947.215	939.63 5	973.5	552.736	549.256	541.676	9.529
		Amps	13.22	13.21	13.18	13.3	15.15	15.14	15.10	15.3	17.30	17.29	17.25	17.4	19.63	19.62	19.58	19.7	22.23	22.22	22.19	22.3	25.29	25.27	25.24	25.4
		Hi PR	282	283	285	289.8	326	327	329	333.5	371	372	374	379.2	420	422	424	428.4	474	475	477	481.5	530	531	533	538.2
		Lo PR	126	127	131	135.7	133	135	138	143.1	140	141	144	149.6	145	147	150	155.1	151	152	155	160.5	157	159	162	167.2

MBh 58.3 59.1 60.8 63.4 57.8 58.6 60.3 62.9 56.3 57.1 58.8 150 0.88 0.74 0.6 1.00 0.88 0.75 0.6 1.00 1.00 41 1.00 0.88 0.74 0.6 1.00 0.88 0.75 0.6 1.00 1.00 41 1.00 0.88 0.75 0.6 1.00 1.00 0.88 0.75 0.6 1.00 0.78 4.00 1.00 0.88 0.75 0.6 1.00 1.00 0.88 0.75 0.6 1.00 0.78 4.10 1.30 13.05 13.0<	MBh 58.3 59.1 60.8 63.4 58.6 60.3 62.9 65.9 65.9 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4 69.6 60.8 60.7 60.9 100 100 100 60.8 60.4 60.6 100 0.88 0.75 60.6 100 100 0.08 60.7 100 100 0.08 0.05 100 100 0.08 0.09 100 100 0.08 0.05 100 100 0.08 0.05 100 100 0.08 0.05 100 100 0.08 0.05 100 100 0.08 0.09 100 100 0.08 0.05 100 100 0.08 0.05 100 100 0.08 0.09 100 100 0.08 0.09 100 100 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>85 1</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th> <th> </th>				1							85 1							1				
58.3 59.1 60.8 63.4 57.8 58.6 1.00 0.88 0.74 0.6 1.00 0.88 34.15 32.16 28.44 24.6 34.09 32.10 3847.253843.763836.18 38.01 1200 43.09 32.10 13.09 13.07 13.04 13.2 15.02 15.00 279 280 282 286.8 322 324 110 0.93 0.80 0.7 13.2 13.3 1100 0.93 0.80 0.7 10.0 0.94 33.02 31.03 27.31 23.5 32.97 30.98 3868.75386.5.63857.63 3/891.6 4312.104308.614 15.09 28.6 13.6 13.0 281 13.2 13.1 13.3 13.5 32.6 13.0 282 284 289.0 32.5 32.6 10.0 10.0 281 13.2 13.2 13.0 1.00 1.0 <	58.3 59.1 60.8 63.4 58.6 60.3 62.9 65.9 56.3 57.1 58.6 60.3 62.9 62.9 56.3 57.1 58.8 61.4 60.4 60.4 60.5 100 0.88 0.75 60.6 100 100 0.88 61.9 60.7 100 0.78 60.6 100 100 0.88 61.0 100 0.78 60.6 100 100 0.78 60.6 100 100 0.78 60.6 100 0.78 60.6 100 0.78 60.6 100 0.78 60.6 100 0.78 60.7 60.8 34.9 24.5 34.9 34.8 34.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 38.8 39.8 38.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8 39.8	≥	S	7		Ā	Ī	- I	Ž	S	7		Ā	Í	Lc	\ <u>\</u>	<i>σ</i>	7		Ar	Í) J	
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9	/Bh	S/T	ΔT			li PR	o PR	/Bh	S/T	ΔT			li PR	o PR	_	S/T	ΔT			li PR	o PR	
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9				847.2538			124			33.02	868.7538	13.18	281	126			32.07	886.973	13.26	283	128	
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9				343.7638			126				365.2638	13.17					30.08	383.483			129	
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9		0.74		336.183							357.68 3,							375.903				
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9	63.4	9.0		,870.1		286.8	134.0	64.1	0.7	_	,891.64		289.0	135.7	65.0	0.7		909.8		291.1	137.5	
4 4 4 4	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 0.78 6.6 28.39 24.5 34.37 32.38 28.67 24.8 24.29 34.37 32.38 28.67 24.8 44.97 15.1 17.17 17.12 17.3 136 14.14 138 140 14.9 17.7 136 14.14 138 140 14.9 14.9 61.0 63.6 57.0 57.8 59.5 62.1 0.81 0.7 1.00 1.03 0.7 17.6 1.20 1.20 1.20 0.83 0.7 17.4 12.4 13.4 1.20 1.20 1.20 0.83 30.7 37.4 32.4 23.7 1.20 1.20 1.20 0.83 0.7 1.4 14.9 14.9 1.20 1.20 1.20 0.84 37.2 17.4 14.9	57.8	1.00		290.604		322	132	58.5			312.104		325	133	59.3	1.00		330.324		327	135	
60.3 62.9 56.3 57.1 58.8 0.75 0.6 1.00 1.00 0.78 28.39 24.5 34.37 32.38 28.67 129.53 4.313.4 4785.504782.014774.434 14.14 17.17 17.15 17.12 136 330.4 368 369 37.1 17.12 17.12 136 141.4 138 140 143 143 61.0 63.6 57.0 57.8 59.5 0.81 0.7 1.00 1.03 0.83 27.26 23.4 33.25 31.26 27.54 301.03 4.807.0 1.00 0.83 27.5 31.26 17.26 17.25 17.21 17.21 32.8 33.2.6 37.2 37.4 144 40.8 1.00 1.00 0.86 50.8 37.2 37.2 37.2 51.0 1.00 1.00 0.86 52.2	60.3 62.9 56.3 57.1 58.8 61.4 0.75 0.6 1.00 1.03 0.78 0.6 28.39 24.5 34.37 32.38 28.67 24.8 17.95.53 43.31.34 4785.50.4782.014774.43 4,808.35 14.9 17.1 17.12 17.3 14.97 15.1 17.17 17.15 17.12 17.3 136 368 369 37.1 376.2 136 17.1 17.15 17.12 17.3 61.0 63.6 37.0 37.1 376.2 57.1 27.2 23.4 13.0 1.00 0.83 0.7 27.2 23.4 13.2 17.2 17.4 17.4 27.2 23.4 33.2 31.2 27.5 23.7 27.2 23.4 33.2 37.2 37.4 37.8 27.2 17.2 17.2 17.4 149.6 61.8 47.3 17.2	58.6	0.88		14	15.00	324	133	59.3	0.94		4	15.09	326	135	60.1	1.00		4	15.17	328	137	
62.9 56.3 57.1 58.8 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	62.9 56.3 57.1 58.8 61.4 0.6 1.00 0.78 0.6 24.5 34.37 32.38 28.67 24.8 1,313.4 4785.50.4782.014774.43.4808.3 15.1 17.1 17.1 17.1 17.3 13.1 17.17 17.15 17.12 17.3 147.9 141.4 138 140 143 147.9 63.6 57.8 59.5 62.1 0.7 1.00 0.83 0.7 1.34 1.00 0.83 0.7 1.35 31.26 27.54 23.7 1.34.3 1.00 0.83 0.7 1.35 17.26 17.25 17.21 17.4 1.34 1.40 1.49.6 6.4 63.0 1.35 37.0 37.2 37.4 37.8 28.7 2.44 5.79 58.7 60.4 63.0 6.2 2.44 5.79 58.7 60.4	60.3	0.75	28.39	279.534	14.97		136	61.0	0.81	27.26	301.034	15.06			61.8	0.84	26.30	319.264	15.14		140	
56.3 57.1 58.8 1.00 1.00 0.78 34.37 32.38 28.67 785.504782.014774.43 17.15 17.12 368 369 371 138 140 143 57.0 57.8 59.5 1.00 1.00 0.83 33.25 31.26 27.54 807.004803.524795.944 17.25 17.21 17.26 17.25 17.21 33.25 37.2 37.4 140 141 144 57.9 58.7 60.4 100 1.00 0.86 32.29 30.30 26.58 825.234821.744814.164 17.32 17.29 17.34 17.32 17.29 373 374 376 373 374 376 373 374 376 373 374 376 373 374 376 373 <td< td=""><td>56.3 57.1 58.8 61.4 1.00 1.00 0.78 0.6 34.37 32.38 28.67 24.8 785.50.4782.01.4774.43 4,808.3 5 17.12 17.3 17.17 17.15 17.12 17.3 17.19 17.12 17.3 138 369 371 376.2 57.0 57.8 59.5 62.1 100 1.00 0.83 0.7 33.25 31.26 27.54 23.7 807.004803.52.4795.94 4,825.9 5 17.2 17.4 140 144 149.6 6 57.9 58.7 60.4 63.0 57.9 58.7 60.4 63.0 57.9 58.7 60.4 63.0 57.9 30.30 26.58 22.7 825.234821.74481.16,48481.15 17.34 17.32 17.34 17.3 17.3 17.3 17.4 17.3 17.3 17.3</td><td>67.9</td><td>9.0</td><td>_</td><td>,313.4</td><td>_</td><td>330.4</td><td>141.4</td><td>9.89</td><td>0.7</td><td>_</td><td>,334.94</td><td>_</td><td>332.6</td><td>143.1</td><td>64.4</td><td>0.7</td><td>_</td><td>1,353.2</td><td></td><td>334.8</td><td>145.0</td><td></td></td<>	56.3 57.1 58.8 61.4 1.00 1.00 0.78 0.6 34.37 32.38 28.67 24.8 785.50.4782.01.4774.43 4,808.3 5 17.12 17.3 17.17 17.15 17.12 17.3 17.19 17.12 17.3 138 369 371 376.2 57.0 57.8 59.5 62.1 100 1.00 0.83 0.7 33.25 31.26 27.54 23.7 807.004803.52.4795.94 4,825.9 5 17.2 17.4 140 144 149.6 6 57.9 58.7 60.4 63.0 57.9 58.7 60.4 63.0 57.9 58.7 60.4 63.0 57.9 30.30 26.58 22.7 825.234821.74481.16,48481.15 17.34 17.32 17.34 17.3 17.3 17.3 17.4 17.3 17.3 17.3	67.9	9.0	_	,313.4	_	330.4	141.4	9.89	0.7	_	,334.94	_	332.6	143.1	64.4	0.7	_	1,353.2		334.8	145.0	
57.1 58.8 1.00 0.78 32.38 28.67 782.014774.43 4 17.15 17.12 369 371 140 143 57.8 59.5 1.00 0.83 31.26 27.54 803.524795.944 17.25 17.21 37.2 37.4 17.25 17.21 37.2 60.4 11.00 0.86 30.30 26.58 821.744814.164 17.32 17.29 37.4 37.6	57.1 58.8 61.4 1.00 0.78 0.6 32.38 28.67 24.8 782.014774.43 4,808.3 5 17.15 17.12 17.3 140 143 147.9 57.8 59.5 62.1 1.00 0.83 0.7 31.26 27.54 23.7 803.524795.94 4,829.9 5 17.21 17.4 149.6 372 374 378.4 141 144 149.6 58.7 60.4 63.0 100 0.86 0.7 3030 26.58 22.7 821.744811.16 4,848.1 5 17.32 17.29 17.4 374 376 380.5 17.3 146.6 151.4 17.3 17.29 17.4 17.3 17.29 17.4 17.3 17.29 17.4 17.3 17.5 17.4 <td< td=""><td>56.3</td><td>1.00</td><td></td><td>785.504</td><td></td><td>368</td><td>138</td><td>57.0</td><td>1.00</td><td></td><td>807.0048</td><td></td><td>370</td><td>140</td><td>57.9</td><td>1.00</td><td></td><td>825.234</td><td></td><td>373</td><td>142</td><td></td></td<>	56.3	1.00		785.504		368	138	57.0	1.00		807.0048		370	140	57.9	1.00		825.234		373	142	
58.8 0.78 28.67 774.43.4 17.12 371 143 59.5 0.83 27.54 795.944 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 374 17.21 377 17.21 477 477 477 477 477 477 477 47	58.8 61.4 0.78 0.6 28.67 24.8 774.43 4,808.3 5 17.12 17.3 371 376.2 143 147.9 59.5 62.1 0.83 0.7 27.54 23.7 27.54 27	57.1	1.00		782.014		369	140	57.8	1.00		803.524		372	141	58.7	1.00		821.744		374	143	
	0.6 24.8 1,808.3 5 17.3 376.2 147.9 62.1 0.7 23.7 1,829.9 5 1,829.9 5 1,829.	58.8	0.78	28.67	774.434	17.12		143	59.5	0.83	27.54	795.944	17.21			60.4	98.0	26.58	814.164	17.29		146	
53.7 1.00 34.07 321.075 19.50 417 144 54.5 1.00 32.95 34.25 19.59 142 145 55.3 1.00 31.99 31.99 360.795 19.67		54.5	1.00	32.08	317.585		419	145	55.3	1.00		339.085		421	147	56.1	1.00		357.315		423	149	
53.7 54.5 1.00 1.00 34.07 32.08 321.075317.585 19.50 19.48 417 419 144 145 54.5 55.3 1.00 1.00 32.95 30.96 34.575339.085 19.57 420 421 145 147 55.3 56.1 140 1.00 31.99 30.00 31.99 30.00 31.99 30.00 31.96 423 11.01 1.00 31.97 420 421 421 421 421 422 423 423 423 421 149	32.08 32.08 317.585 19.48 419 145 55.3 1.00 30.96 339.085 19.57 421 147 56.1 1.00 30.00 30.00 335.315 19.65 423	56.3	0.79	28.37	310.005	19.45	421	148	57.0	0.85	27.24	331.505	19.54	423	150	57.8	0.88	26.28	349.735	19.62	425	152	
53.7 54.5 56.3 1.00 1.00 0.79 34.07 32.08 28.37 321.075317.585310.005 19.48 19.45 417 419 421 144 145 148 54.5 55.3 57.0 1.00 1.00 0.85 32.95 30.96 27.24 342.575339.085331.50 19.54 423 420 421 423 423 145 147 150 55.3 50.0 55.3 56.1 57.8 10.0 0.88 31.99 30.00 26.28 31.00 26.28 31.97 19.65 19.62 19.62 42.2 422 423 425 425 425 424 429 152 142 425 425 423 425 152	54.5 56.3 1.00 0.79 32.08 28.37 317.585310.005 19.48 19.45 419 421 . 145 148 55.3 57.0 1.00 0.85 30.96 27.24 339.085331.50 5 19.57 19.54 421 423 . 147 150 56.1 57.8 1.00 0.88 330.00 26.28 330.00 26.28 337.315349.73 5 19.65 19.62 423 423 .	58.9	0.7	24.5	,343.9 5	19.6	425.4	153.4	9.65	0.7	23.4	,365.4 5	19.7	427.6	155.1	60.4	0.7	22.4	,383.6 5	19.8	429.7	156.9	ĺ
53.7 54.5 56.3 58.9 1.00 1.00 0.79 0.7 34.07 32.08 28.37 24.5 32.10.75317.58 5310.00 5,343.9 19.48 19.45 19.6 417 419 421 425.4 144 145 148 153.4 54.5 55.3 57.0 59.6 1.00 1.00 0.85 0.7 32.95 30.96 27.24 23.4 342.57 5339.08 5331.50 5365.4 5 195.9 19.57 19.54 19.7 420 421 427.6 19.7 420 421 427.6 19.7 420 421 150 155.1 55.3 56.1 57.8 60.4 1100 1.00 0.88 0.7 31.99 30.00 26.28 22.4 360.79 5383.315349.73 5,383.6 5 19.65 19.68 422 423 429.7 </td <td>54.5 56.3 58.9 1.00 0.79 0.7 32.08 28.37 24.5 317.585310.00 5,343.9 5 19.48 19.45 19.6 419 42.1 425.4 145 148 153.4 55.3 57.0 59.6 1.00 0.85 0.7 30.96 27.24 23.4 339.08 27.24 23.4 421 42.3 427.6 147 150 155.1 56.1 57.8 60.4 1.00 0.88 0.7 30.00 26.28 22.4 357.315349.73 2383.6 5 19.65 19.62 19.8 423 425.7 19.8 423 429.7 19.8 420 15.6 19.8 423 429.7 19.8 424 429.7 19.8 425 429.7 19.8 <td>9.09</td><td>1.00</td><td>33.81</td><td>919.465</td><td>22.10</td><td>471</td><td>149</td><td>51.3</td><td>1.00</td><td>32.68</td><td>940.965</td><td>22.19</td><td>473</td><td>151</td><td>52.2</td><td>1.00</td><td>31.73</td><td>959.185</td><td>22.27</td><td>475</td><td>153</td><td></td></td>	54.5 56.3 58.9 1.00 0.79 0.7 32.08 28.37 24.5 317.585310.00 5,343.9 5 19.48 19.45 19.6 419 42.1 425.4 145 148 153.4 55.3 57.0 59.6 1.00 0.85 0.7 30.96 27.24 23.4 339.08 27.24 23.4 421 42.3 427.6 147 150 155.1 56.1 57.8 60.4 1.00 0.88 0.7 30.00 26.28 22.4 357.315349.73 2383.6 5 19.65 19.62 19.8 423 425.7 19.8 423 429.7 19.8 420 15.6 19.8 423 429.7 19.8 424 429.7 19.8 425 429.7 19.8 <td>9.09</td> <td>1.00</td> <td>33.81</td> <td>919.465</td> <td>22.10</td> <td>471</td> <td>149</td> <td>51.3</td> <td>1.00</td> <td>32.68</td> <td>940.965</td> <td>22.19</td> <td>473</td> <td>151</td> <td>52.2</td> <td>1.00</td> <td>31.73</td> <td>959.185</td> <td>22.27</td> <td>475</td> <td>153</td> <td></td>	9.09	1.00	33.81	919.465	22.10	471	149	51.3	1.00	32.68	940.965	22.19	473	151	52.2	1.00	31.73	959.185	22.27	475	153	
53.7 54.5 56.3 58.9 50.0 1.00 1.00 0.79 0.7 1.00 34.07 32.08 28.37 24.5 33.81 32.10.75317.585310.00 5,343.9 5919.465 19.6 22.10 417 419 421 425.4 471 144 145 148 153.4 471 54.5 55.3 57.0 59.6 51.3 100 0.08 0.7 1.00 32.95 30.96 27.24 23.4 32.68 34.5 30.96 27.24 24.9 47.3 42.1 42.3 42.0 47.3 47.3 42.1 42.3 42.0 47.3 47.3 42.1 42.3 42.0 47.3 47.3 42.1 42.3 42.0 47.3 47.3 42.1 42.3 42.0 47.3 47.3 42.1 42.1 42.1 42.1 47.3	54.5 56.3 58.9 50.6 1.00 0.79 0.7 1.00 32.08 28.37 24.5 33.81 317.58 5310.00 5,343.9 5919.465 19.6 22.10 419 421 425.4 471 148 153.4 149 471 421 42.6 471 473 148 153.4 149 55.3 100 0.85 0.7 1.00 30.96 27.24 23.4 32.68 339.08 2331.50 5.365.4 5940.965 1957 19.54 19.7 22.19 443 42.6 47.3 151 56.1 57.8 60.4 52.2 100 0.88 0.7 1.00 30.00 26.28 22.4 31.73 387.31 5.349.73 5.383.6 5959.185 1965 19.62 19.8 475 423 425 429.7 475 <td>51.4</td> <td>1.00</td> <td>31.82</td> <td>915.975</td> <td>22.08</td> <td>472</td> <td>150</td> <td>52.1</td> <td>1.00</td> <td></td> <td>937.475</td> <td>22.18</td> <td>474</td> <td>152</td> <td>53.0</td> <td>1.00</td> <td>29.74</td> <td>955.695</td> <td>22.26</td> <td>476</td> <td>154</td> <td></td>	51.4	1.00	31.82	915.975	22.08	472	150	52.1	1.00		937.475	22.18	474	152	53.0	1.00	29.74	955.695	22.26	476	154	
53.7 54.5 56.3 58.9 50.6 51.4 1.00 1.00 0.79 0.7 1.00 1.00 34.07 32.08 28.37 24.5 33.81 31.82 33.10.75317.58 5310.00 5,343.9 5919.46 5915.975 19.6 10.0 10.0 19.50 19.48 19.45 19.6 22.08 471 472 144 419 425.4 471 472 472 472 472 54.5 55.3 57.0 59.6 51.3 52.1 1.00 1.00 32.5 57.0 59.6 51.3 52.1 1.00 1.00 32.5 57.0 59.6 51.3 52.1 1.00 1.00 32.5 57.0 59.6 51.3 52.1 1.00 1.00 32.5 57.2 52.4 22.4 474 474 474 41.5 42.1 42.2 42.1 474 474 474	54.5 56.3 58.9 50.6 51.4 1.00 0.79 0.7 1.00 1.00 32.08 28.37 24.5 33.81 31.82 317.58 5310.00 5,343.9 5919.46 5915.975 31.82 1948 19.45 19.6 22.08 421 425.4 471 472 441 425.4 471 472 55.3 57.0 59.6 51.3 52.1 10.0 0.85 0.7 1.00 1.00 30.96 27.24 23.4 32.68 30.69 339.08 5331.50 5365.4 5940.965.937.475 19.7 473 474 441 423 427.6 473 474 474 474 441 150 155.1 152.1 150 1.00 1.00 50.1 15.0 15.1 15.0 1.00 1.00 1.00 30.0 15.8 16.4 47.3 47.4 47.4	53.1	0.82	28.10	908.395	22.05	474	154	53.8	0.87	26.97	929.895	22.14	476	155	54.7	06.0	26.02	948.115	22.22	478	157	
53.7 54.5 56.3 58.9 50.6 51.4 53.1 1.00 1.00 0.79 0.7 1.00 1.00 0.82 34.07 32.08 28.37 24.5 33.81 31.82 28.10 33.10.75317.58 5310.00 5,343.9 519.46 5915.97 5908.395 419 22.00 22.08 1950 19.48 19.45 19.6 22.01 22.08 22.05 417 419 421 425.4 471 472 474 54.5 55.3 57.0 59.6 51.3 52.0 52.0 54.5 55.3 57.0 59.6 51.3 52.1 53.8 10.0 1.00 0.85 0.7 1.00 1.00 0.87 32.5 36.0 57.4 23.4 32.68 30.69 26.97 34.5 421 421 422 421 426 44.5 421 422 421 426 45.6	54.5 56.3 58.9 50.6 51.4 53.1 1.00 0.79 0.7 1.00 1.00 0.82 32.08 28.37 24.5 33.81 31.82 28.10 317.58 5310.00 5,343.9 5919.46 5915.97 5908.39 5 19.8 22.00 22.08 1948 19.45 19.6 22.10 22.08 22.05 419 42.1 425.4 47.1 47.2 47.4 45.3 42.1 42.6 47.2 47.4 47.4 55.3 57.0 59.6 51.3 52.1 53.8 1.00 0.85 0.7 1.00 1.00 0.87 30.96 27.24 23.4 32.68 30.69 26.97 339.08 23.1.5 5.36.5 540.9 52.1 476 44.1 42.3 42.7 47.4 476 14.7 42.3 42.6 52.1 52.1 52.1 25.1 15.2 15	55.7	0.7	24.2	,942.3	22.2	478.5	158.8	56.4	0.7	23.1	8.896,	22.3	480.7	160.4	57.3	8.0	22.2	,982.0	22.4	482.8	162.3	1
53.7 54.5 56.3 58.9 50.6 51.4 53.1 55.7 1.00 1.00 0.79 0.7 1.00 0.82 0.7 34.07 32.08 28.37 24.5 33.81 31.82 28.10 24.2 5321.075317.585310.00 5,343.9 5919.465915.975908.39 5,942.3 619.6 22.0 22.0 22.0 44.8 417 419 19.45 19.6 22.10 22.08 22.05 22.2 417 419 421 425.4 471 472 478 478.5 417 419 149 150 150 0.7 150 22.0 22.0 417 415 149 150 100 0.87 0.7 32.8 56.4 478.5 56.4 478.5 56.4 478.5 56.4 478.5 56.4 478.5 56.4 478.5 56.4 57.3 56.4 57.3 56.4 57.3 56.4 57.3 56.4	54.5 56.3 58.9 50.6 51.4 53.1 55.7 1.00 0.79 0.7 1.00 0.82 0.7 32.08 28.37 24.5 33.81 31.82 28.10 24.2 317.58 5310.00 5,343.9 5919.46 5915.97 5908.3 5,942.3 6 5942.3 6 21.0 22.08 20.5 22.2 419 421 42.1 47.1 47.2 47.4 478.5 148 15.3.4 149 150 15.4 158.8 56.4 55.3 57.0 59.6 51.3 52.1 52.0 22.0 30.96 27.24 23.4 32.68 30.69 26.97 23.1 30.96 27.24 23.4 540.965937.45592.85.95.93.8 5.963.8 5.963.8 19.57 19.54 19.5 47.3 47.4 47.6 480.7 11.0 10.5 22.1 22.1 22.1 22.3 5.63.8 12.5 15.2 15.2 15.2	47.8	1.00	35.06	621.496	25.15	527	156	48.5	1.00	33.93	642.996	25.24	529	157	49.3	1.00	32.97	661.226	25.32	532	159	
53.7 54.5 56.3 58.9 50.6 51.4 53.1 55.7 47.8 1.00 1.00 0.79 0.7 1.00 1.00 0.82 0.7 1.00 34.07 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 34.07 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 1950 19.48 19.45 19.6 22.08 22.05 22.2 25.1 47.8 47.8 47.8 55.1 47.8 47.8 55.1 47.8 47.8 55.1 47.8 47.8 55.1 47.8 47.8 55.1 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 52.0 48.2 48.2 48.2 48.2 48.2 48.2 48.2 48.2 48.2 48.2 48.2 52.0 52.0 52.0	54.5 56.3 58.9 50.6 51.4 53.1 55.7 47.8 1.00 0.79 0.7 1.00 0.82 0.7 1.00 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 317.58 23.10.00 23.9 28.10 24.2 35.06 31.00 1948 19.45 19.6 22.10 22.08 22.05 22.2 25.15 419 421 425.4 471 472 474 478.5 52.1 55.3 57.0 25.0 22.0 22.0 25.2 52.1 55.3 421 47.1 47.2 47.4 478.5 52.1 57.3 57.0 59.6 51.3 52.1 48.5 52.4 57.3 57.0 10.0 1.00 0.87 0.7 1.00 30.6 27.2 52.1 52.1 48.0 48.2 48.2 41.7	48.6	1.00	33.06	618.006	25.13	528	157	49.3	1.00	31.94	639.516	25.23	531	159	50.1	1.00	30.98	5657.736	25.31	533	161	
53.7 54.5 56.3 58.9 50.6 51.4 53.1 55.7 47.8 48.6 1.00 1.00 0.79 0.7 1.00 1.00 0.82 0.7 1.00 1.00 34.07 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 33.06 33.07 32.08 28.37 24.5 34.81 31.82 28.10 42.2 35.06 33.06 1950 19.48 19.45 19.6 22.0 22.08 22.05 22.12 52.15 52.15 52.13 62.07 52.13 <t< td=""><td>54.5 56.3 58.9 50.6 51.4 53.1 55.7 48.6 48.6 1.00 0.79 0.7 1.00 0.82 0.7 1.00 1.00 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 33.06 317.58 28.37 24.5 33.81 31.82 28.10 24.2 35.06 33.06 317.58 210.5 22.10 22.08 22.05 22.02 25.13 55.13 49.3 55.13 49.3 55.13 49.3 49.3 55.2 55.2</td><td>50.3</td><td>1.00</td><td>29.35</td><td>610.42</td><td>25.10</td><td>530</td><td>160</td><td>51.0</td><td>1.00</td><td>28.22</td><td>631.92</td><td>25.20</td><td>533</td><td>162</td><td>51.8</td><td>1.00</td><td>27.26</td><td>650.15</td><td>25.27</td><td>535</td><td>164</td><td></td></t<>	54.5 56.3 58.9 50.6 51.4 53.1 55.7 48.6 48.6 1.00 0.79 0.7 1.00 0.82 0.7 1.00 1.00 32.08 28.37 24.5 33.81 31.82 28.10 24.2 35.06 33.06 317.58 28.37 24.5 33.81 31.82 28.10 24.2 35.06 33.06 317.58 210.5 22.10 22.08 22.05 22.02 25.13 55.13 49.3 55.13 49.3 55.13 49.3 49.3 55.2 55.2	50.3	1.00	29.35	610.42	25.10	530	160	51.0	1.00	28.22	631.92	25.20	533	162	51.8	1.00	27.26	650.15	25.27	535	164	
47.8 48.6 50.3 1.00 1.00 1.00 35.06 33.06 29.35 6621.49 6618.00 6610.42 25.13 25.10 25.15 25.13 25.10 527 528 530 156 157 160 48.5 49.3 51.0 100 1.00 1.00 33.93 31.94 28.22 6642.99 6639.51 6631.92 25.23 25.20 529 531 52. 49.3 50.1 51.0 100 1.00 1.00 32.57 30.98 27.26 6661.22 6657.73 6650.15 25.31 25.27 52.3 53.2 25.27 52.3 53.2 25.27 52.3 53.2 25.27 52.3 53.2 25.27 52.3 53.2 52.2 52.3 53.2 52.2 52.3 53.2 52.2	54.5 56.3 58.9 50.6 51.4 53.1 55.7 47.8 48.6 50.3 1.00 0.79 0.7 1.00 0.82 0.7 1.00 1.00 1.00 32.08 28.37 24.5 33.81 31.82 28.10 24.0 35.06 33.06 29.35 317.58 28.37 24.5 33.81 31.82 28.10 24.0 10.0	52.9	0.7	25.5	5,644.	25.2	535.1	165.5	53.6	0.8	24.4	6,665.8	25.3	537.3	167.2	54.4	0.8	23.4	5,684.	25.4	539.5	169.0	

 $\ensuremath{\mathsf{kW}}=\ensuremath{\mathsf{Total}}$ system power Amps: Unit amps (comp.+ evaporator + condenser fan motors)

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

DP3(G/U)M360803* - RISE RANGE: 30° - 60°

ECD	T1	HEATING SP	EED	T2	HEATING SP	EED	Т3	HEATING SP	EED	Т4 Сооы	NG SPEED	Т5 Сооы	NG SPEED
ESP	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	745	76	Χ	1,115	206	55	1,265	285	49	1,367	324	1,440	426
0.2	690	84	X	1,075	215	57	1,230	290	50	1,324	333	1,390	428
0.3	635	91	Χ	1,030	221	60	1,175	300	52	1,279	341	1,365	440
0.4	570	98	X	985	233	X	1,140	303	54	1,233	349	1,335	440
0.5	505	107	Χ	940	234	X	1,100	311	56	1,182	357	1,295	456
0.6	450	115	Χ	895	242	X	1,055	319	58	1,127	366	1,255	456
0.7	395	118	X	845	248	X	1,010	326	X	1,074	373	1,220	465
0.8	345	126	Χ	785	252	Х	960	335	Х	1,024	381	1,180	468

DP3(G/U)M480803* - RISE RANGE: 30° - 60°

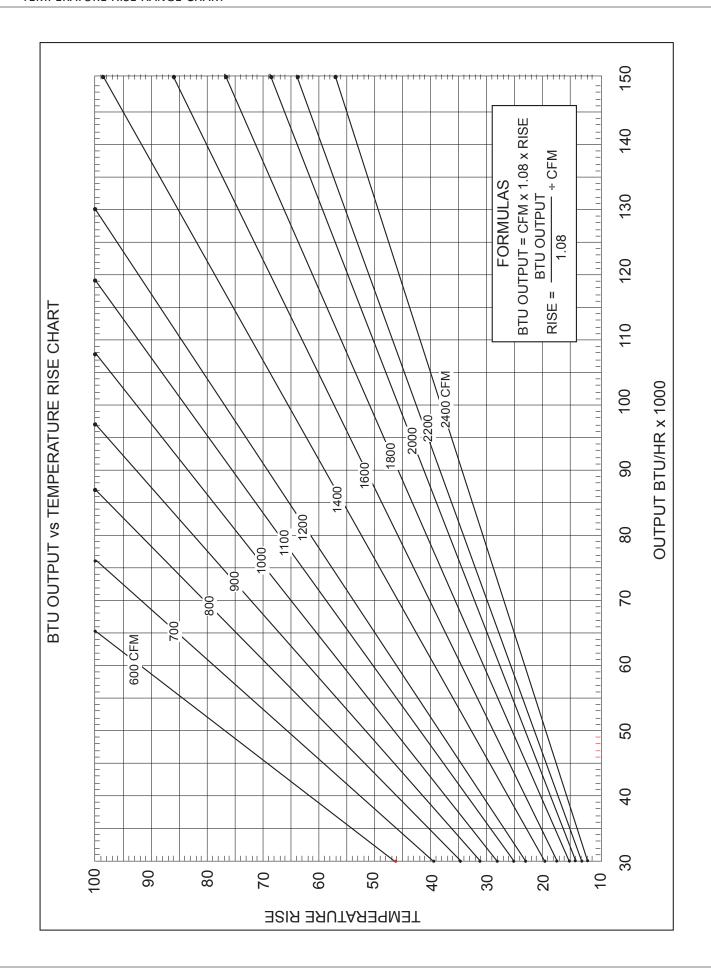
ESP	T1	HEATING SP	EED	T2	HEATING SP	EED	Т3	HEATING SP	EED	Т4 Сооы	NG SPEED	Т5 Сооы	NG SPEED
ESP	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,055	156	58	1,380	298	45	1,415	327	43	1,769	651	1,780	647
0.2	1,000	166	X	1,320	312	47	1,360	335	45	1,726	664	1,740	658
0.3	940	173	X	1,270	318	48	1,305	343	47	1,683	672	1,695	661
0.4	880	181	X	1,220	327	50	1,260	353	49	1,637	678	1,640	679
0.5	825	189	X	1,160	336	53	1,200	359	51	1,590	684	1,595	675
0.6	760	204	X	1,115	342	55	1,150	371	53	1,545	689	1,550	693
0.7	705	207	X	1,060	347	58	1,110	375	55	1,499	695	1,505	690
0.8	625	210	X	1,000	361	Х	1,060	381	58	1,454	701	1,465	696

DP3(G/U)M600803* - RISE RANGE: 30° - 60°

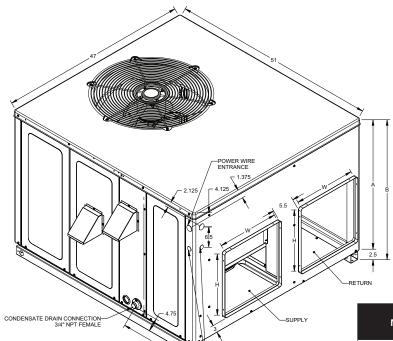
ECD	T1	HEATING SP	EED	T2	HEATING SP	EED	Т3	HEATING SP	EED	T4 Cooli	ng Speed	Т5 Сооы	NG SPEED
ESP	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,285	252	36	1,370	297	45	1,416	294	2,047	779	2,107	831	276
0.2	1,235	259	37	1,330	304	46	1,354	303	1,992	786	2,060	837	275
0.3	1,180	272	39	1,280	314	48	1,299	312	1,938	793	2,015	850	289
0.4	1,130	272	41	1,220	321	50	1,248	323	1,893	799	1,972	858	296
0.5	1,085	280	42	1,180	341	52	1,198	335	1,848	807	1,930	864	303
0.6	1,035	294	45	1,135	339	54	1,146	345	1,801	815	1,888	875	312
0.7	975	297	47	1,085	347	57	1,076	353	1,758	823	1,850	885	315
0.8	910	319	51	1,035	359	59	1,021	363	1,700	828	1,805	889	320

DP3GM601203* - RISE RANGE: 35° - 65°

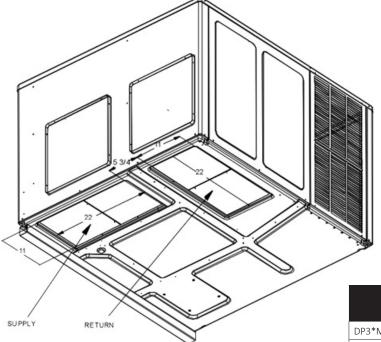
ESP	T1	HEATING SP	EED	T2	HEATING SP	EED	Т3	HEATING SP	EED	Т4 Сооы	NG SPEED	Т5 Сооы	NG SPEED
ESP	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS
0.1	1,345	281	51	1,745	558	53	1,416	294	2,047	779	2,107	831	276
0.2	1,300	286	53	1,705	567	54	1,354	303	1,992	786	2,060	837	275
0.3	1,255	295	55	1,660	572	56	1,299	312	1,938	793	2,015	850	289
0.4	1,205	308	57	1,620	582	57	1,248	323	1,893	799	1,972	858	296
0.5	1,165	322	59	1,580	589	58	1,198	335	1,848	807	1,930	864	303
0.6	1,110	335	62	1,535	604	60	1,146	345	1,801	815	1,888	875	312
0.7	1,055	334	X	1,485	613	62	1,076	353	1,758	823	1,850	885	315
0.8	1,010	346	Χ	1,435	606	64	1,021	363	1,700	828	1,805	889	320



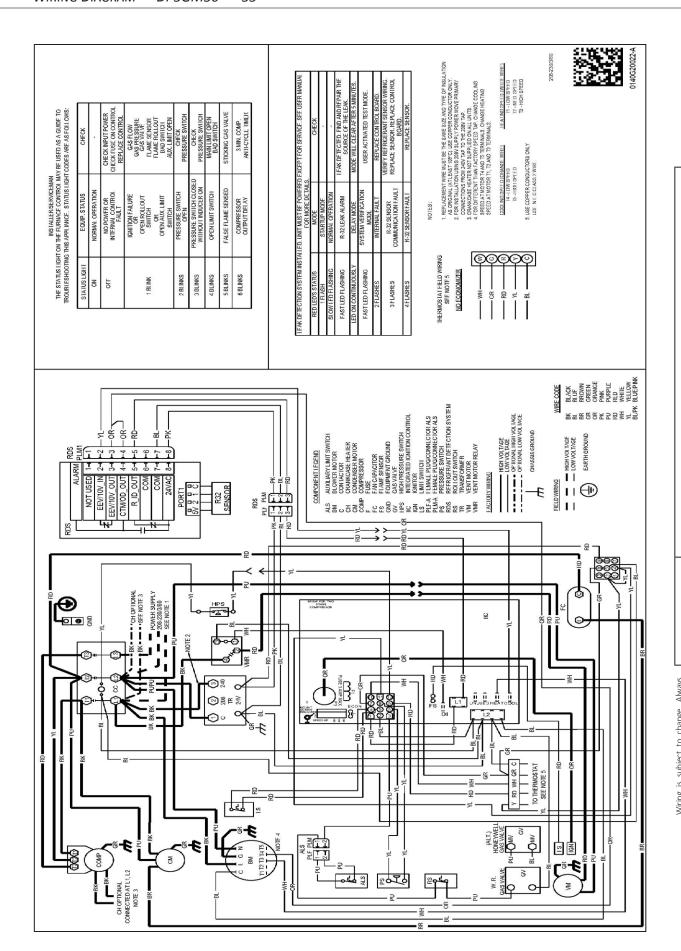
14 www.daikincomfort.com SS-DP3GM/DP3UM-3PH-R32



	UNI	T DIMENS	ions (Inci	HES)	CHACCIC
MODEL			HEI	GHT	CHASSIS
	W	D	Α	В	SIZE
DP3*M36***33	47	51	32	34½	Medium
DP3*M48***33	47	51	40	42½	Large
DP3*M60***33	47	51	40	42½	Large



DUCT OPENINGS MODEL SUPPLY RETURN DP3*M36***33 16 16 16 16 DP3*M48***33 16 18 16 18 DP3*M60***33 16 18 16 18

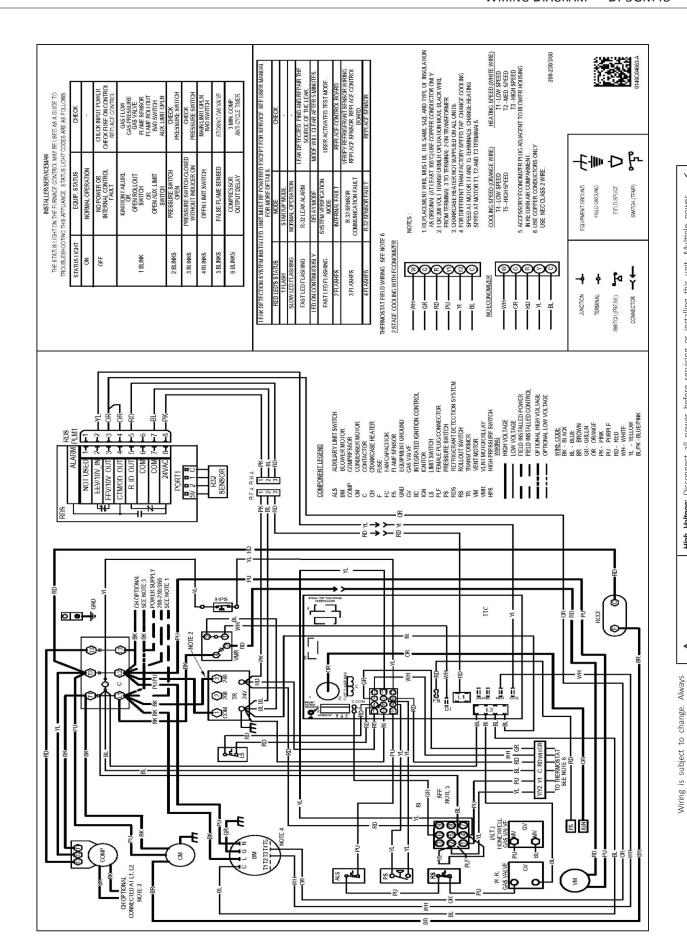


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

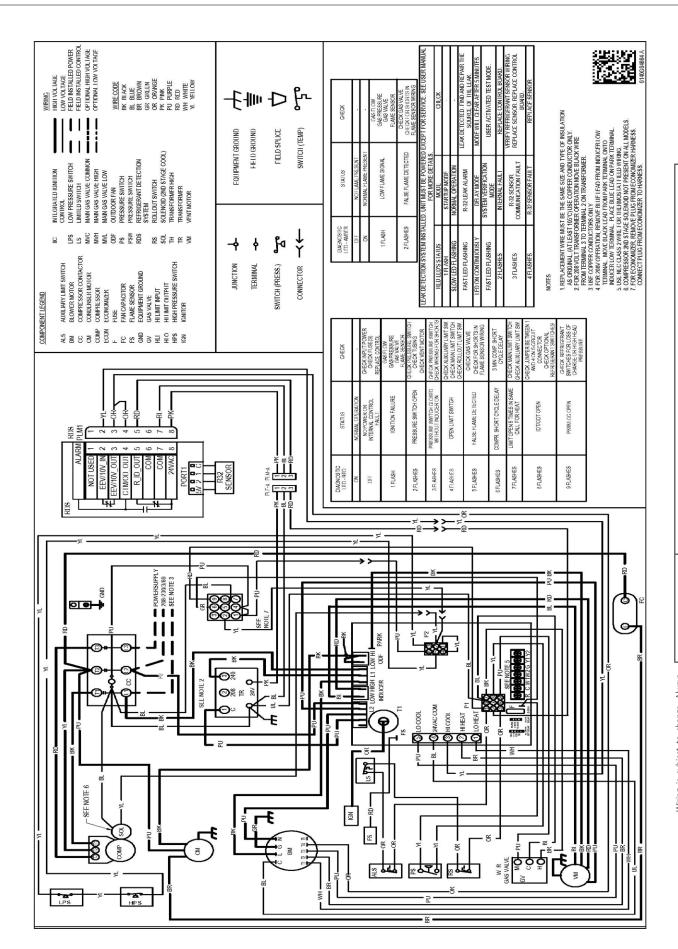
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.







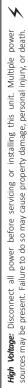




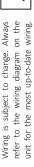
 \triangleleft Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

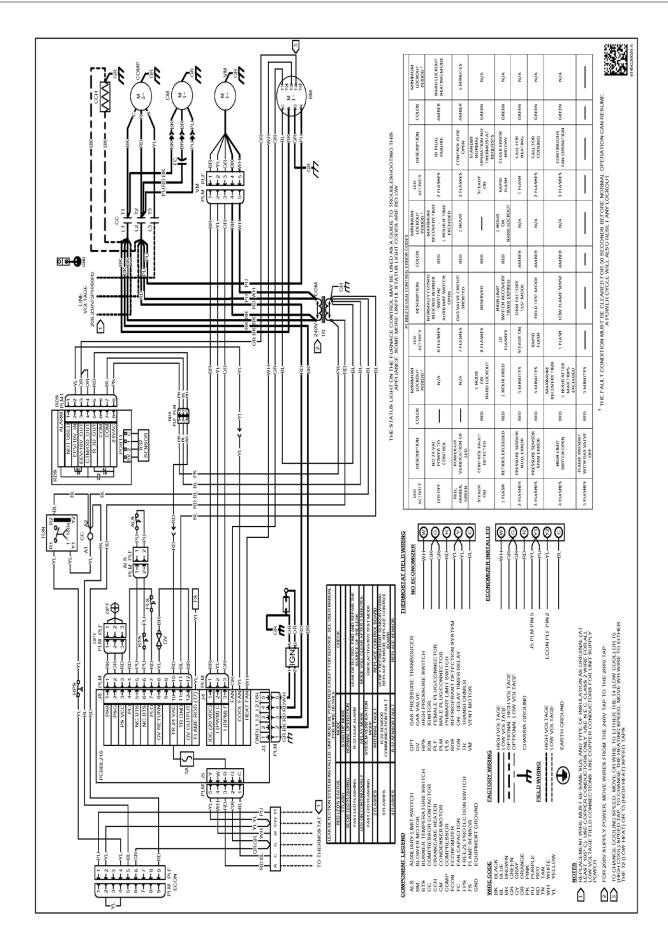
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

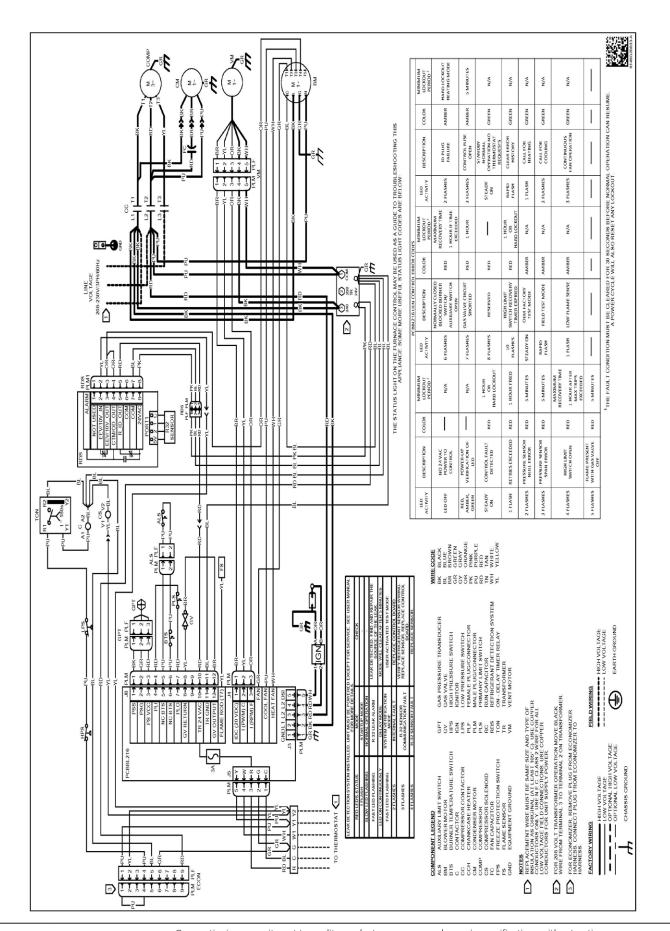












High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.