

MODULAR AIR SOURCED HEATPUMP SCHEDULE (PRE-PURCHASE)

		REFRIGERANT DATA				COOLING DATA				HEATING DATA				COMPRESSOR DATA		ELECTRICAL DATA				DIMENSIONS										
UNIT TAG	LOCATION	SERVICE	TOTAL CAPACITY TONNHRM	CAPACITY PER MODULE (TONS)	NO. OF MODULES	TYPE	FLOW (GPM)	EWI (°F)	LWT (°F)	PRESSURE DROP (°F)	FOULING FACTOR	FLOW (GPM)	EWI (°F)	LWT (°F)	PRESSURE DROP (°F)	FOULING FACTOR	WORKING PRESSURE RATING (PSIG)	TYPE	NO. PER MODULE	VOLTAGE	PHASE	FREQUENCY (HZ)	MCA	MSP	LENGTH (FT-IN)	WIDTH (FT-IN)	HEIGHT (FT-IN)	SHIPPING WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER
(N) HP-R6-1	9TH FLOOR SETBACK	HEATING/COOLING	1320/1000	33	4	454B	328 GPM	50 °F	40 °F	17.20 in wg	0.0001	148 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	296	400	22'-4"	9'-4"	8'-9"	15600.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-2	9TH FLOOR SETBACK	HEATING/COOLING	1320/1000	33	4	454B	328 GPM	50 °F	40 °F	17.20 in wg	0.0001	148 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	296	400	22'-4"	9'-4"	8'-9"	15600.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-3	9TH FLOOR SETBACK	HEATING/COOLING	1320/1000	33	4	454B	328 GPM	50 °F	40 °F	17.20 in wg	0.0001	148 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	296	400	22'-4"	9'-4"	8'-9"	15600.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-4	9TH FLOOR SETBACK	HEATING/COOLING	1320/1000	33	4	454B	328 GPM	50 °F	40 °F	17.20 in wg	0.0001	148 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	296	400	22'-4"	9'-4"	8'-9"	15600.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-5	9TH FLOOR SETBACK	HEATING/COOLING	1320/1000	33	4	454B	328 GPM	50 °F	40 °F	17.20 in wg	0.0001	148 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	296	400	22'-4"	9'-4"	8'-9"	15600.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-6	9TH FLOOR SETBACK	HEATING/COOLING	160/1250	33	5	454B	410 GPM	50 °F	40 °F	17.20 in wg	0.0001	167 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	370	400	28'-3"	9'-4"	8'-9"	18025.00 LB	YORK	YMAE003SP14W48USA
(N) HP-R6-7	9TH FLOOR SETBACK	HEATING/COOLING	160/1250	33	5	454B	410 GPM	50 °F	40 °F	17.20 in wg	0.0001	167 GPM	87 °F	102 °F	3.20 in wg	0.0001	1500 in wg	SCROLL	2	460 V	3	60 HZ	370	400	28'-3"	9'-4"	8'-9"	18025.00 LB	YORK	YMAE003SP14W48USA

WATER SOURCED HEATPUMP (PRE-PURCHASE)

		REFRIGERANT DATA		EVAPORATOR DATA							CONDENSER DATA					COMPRESSOR DATA		ELECTRICAL DATA			DIMENSIONS (TOTAL)				VIBRATION ISOLATION	MINIMUM STATIC DEFLECTION	MOUNTING TYPE	TOTAL OPERATING WEIGHT	MANUFACTURER	MODEL NUMBER			
General - Equipment Type	UNIT TAG	LOCATION	TOTAL CAPACITY (BTU/H)	TYPE	FLOW (GPM)	EWI (°F)	LWT (°F)	PRESSURE DROP (°F)	FOULING FACTOR	EVAP WORKING PRESSURE (PSI)	FLOW (GPM)	EWI (°F)	LWT (°F)	PRESSURE DROP (°F)	FOULING FACTOR	COND PRESSURE RATING (PSIG)	NO. PER MODULE	RLA	VOLTAGE	PHASE	FREQUENCY (HZ)	TOTAL INPUT POWER (KW)	LENGTH (FT-IN)	WIDTH (FT-IN)							HEIGHT (FT-IN)		
MODULAR CHILLER	(N)HP-3B-1	BS	260974	RIISA	264	100	85	3.68	0.0001	232.00	581	170	180	23.92	0.0001	232.00	2	0	480	3	60	306.0	12'-8"	3'-0"	6'-10 5/16"	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	815170	OLSON	P460
MODULAR CHILLER	(N)HP-3B-2	BS	260974	RIISA	264	100	85	3.68	0.0001	232.00	581	170	180	23.92	0.0001	232.00	2	0	480	3	60	306.0	12'-8"	3'-0"	6'-10 5/16"	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	815170	OLSON	P460
MODULAR CHILLER	(N)HP-3B-3	BS	260974	RIISA	264	100	85	3.68	0.0001	232.00	581	170	180	23.92	0.0001	232.00	2	0	480	3	60	306.0	12'-8"	3'-0"	6'-10 5/16"	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	815170	OLSON	P460
MODULAR CHILLER	(N)HP-3B-4	BS	260974	RIISA	264	100	85	3.68	0.0001	232.00	581	170	180	23.92	0.0001	232.00	2	0	480	3	60	306.0	12'-8"	3'-0"	6'-10 5/16"	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	815170	OLSON	P460
MODULAR CHILLER	(N)HP-3B-5	BS	260974	RIISA	264	100	85	3.68	0.0001	232.00	581	170	180	23.92	0.0001	232.00	2	0	480	3	60	306.0	12'-8"	3'-0"	6'-10 5/16"	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	815170	OLSON	P460

BRAZED OR PLATE & FRAME HEAT EXCHANGER SCHEDULE

PRIMARY SIDE												SECONDARY SIDE												UNIT DIMENSIONS				OPERATING WGT. (LBS)		SPECIFICATIONS		VIBRATION ISOLATION	
NAME	LEVEL	SERVICE	HEAT EXCHANGER TYPE	MAX WORKING PRESSURE (PSIG)	FLUID TYPE	GPM	PRESSURE DROP (PSIG)	INLET TEMPERATURE (°F)	OUTLET TEMPERATURE (°F)	FLUID TYPE	GPM	PRESSURE DROP (PSIG)	MAX WORKING PRESSURE (PSIG)	INLET TEMPERATURE (°F)	OUTLET TEMPERATURE (°F)	LENGTH	WIDTH	HEIGHT															
(N)PHX-B1-1	3RD BASEMENT	CHW	PFHX	150.00	40% GLYCOL	248	4.48	3.96	40	50	WATER	2218	10	300.00	52	42	12'-1 1/2"	3'-4"	12'-3 3/4"	4000.00	SEE SPECS.	SEE SPECS.	AP201-BY5430	BELL & GOSSETT									
(N)PHX-B1-2	3RD BASEMENT	CHW	PFHX	150.00	40% GLYCOL	248	4.48	102	87	WATER	2218	12.7	150.00	80	42	12'-1 1/2"	3'-1 3/4"	9"	10.90														
(N)PHX-B1-3	3RD BASEMENT	CHW	PFHX	150.00	40% GLYCOL	248	4.48	102	87	WATER	2218	12.7	150.00	80	42	12'-1 1/2"	3'-1 3/4"	9"	10.90														
(N)PHX-B1-4	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-5	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-6	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-7	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-8	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-9	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-10	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-11	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-12	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-13	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-14	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-15	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-16	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-17	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-18	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-19	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-20	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-21	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-22	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-23	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-24	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-25	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-26	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-27	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-28	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-29	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-30	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-31	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-32	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-33	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-34	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-35	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-36	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-37	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-38	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-39	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-40	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-41	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-42	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-43	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	170	WATER	422	8.25	150.00	178	168	4'-3 3/16"	7'-8 1/16"	7'-6 1/16"	3290.00	SEE SPECS.	SEE SPECS.	AP18-BY5018	BELL & GOSSETT										
(N)PHX-B1-44	Level 8	H/W & E ZONES	PFHX	300.00	40% GLYCOL	742	9.95	180	1																								