

PROCHILLER SYSTEMS



PRO4SERIES

MODULAR DESIGN

5 mix-and-match compressor options across
4 independent circuits for custom cooling with
different configurations and refrigerants

FUTURE PROOF

Fully upgradeable circuits for easy adaptation
to evolving refrigerant standards, regulations
and technologies

SIMPLIFIED SERVICE

Designed for unmatched uptime, performance
monitoring, and efficient maintenance
without service interruption.

COMPACT FOOTPRINT

Takes up less space on-site for easier access,
faster production, and reduced shipping costs





LOW GWP REFRIGERANT

400 GALLON GLYCOL TANK

4 INDEPENDENT REFRIGERATION CIRCUITS

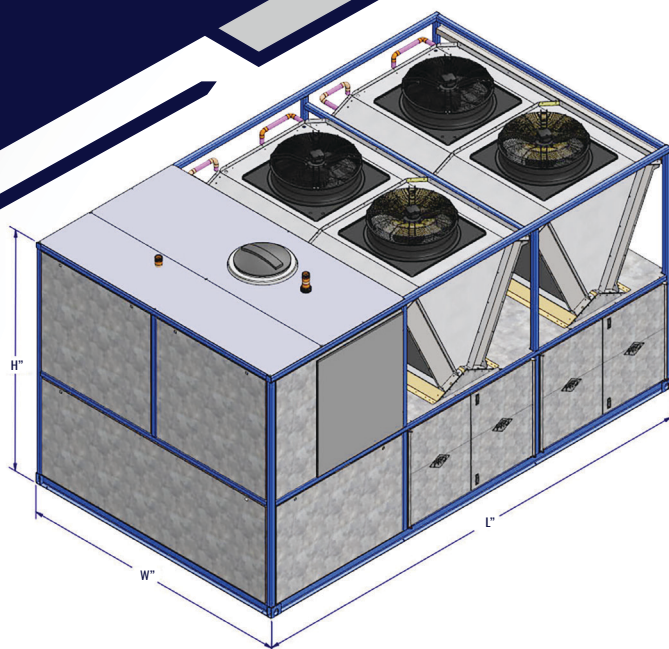
**INDEPENDENT HEAT EXCHANGERS
FOR BOTH COOLING AND HEATING**

**ONE FOOTPRINT CONFIGURED
FROM 40HP TO 100HP**

**AVAILABLE WITH PROHEAT20
ONBOARD WASTE HEAT RECOVERY**

24/7 ON-CALL SERVICE AND SUPPORT

2 YEAR PARTS AND LABOR WARRANTY



MODEL		R449A				R449A				R454C				R454C			
		COOLING POWER @ 80°F / 26.7°C AMBIENT (100°F / 37.8°C CDT)				COOLING POWER @ 90°F / 32.2°C AMBIENT (110°F / 43.3°C CDT)				COOLING POWER @ 80°F / 26.7°C AMBIENT (100°F / 37.8°C CDT)				COOLING POWER @ 90°F / 32.2°C AMBIENT (110°F / 43.3°C CDT)			
		SETPOINT TEMPERATURE				SETPOINT TEMPERATURE				SETPOINT TEMPERATURE				SETPOINT TEMPERATURE			
	GLYCOL	20°F	25°F	30°F	35°F	20°F	25°F	30°F	35°F	20°F	25°F	30°F	35°F	20°F	25°F	30°F	35°F
	EVAPORATOR	10°F	15°F	20°F	25°F	10°F	15°F	20°F	25°F	10°F	15°F	20°F	25°F	10°F	15°F	20°F	25°F
4B410E400V*	40 HP	288,400	330,000	376,000	426,400	258,000	296,800	339,600	386,800	261,600	300,000	342,000	389,200	234,000	269,600	308,800	352,400
4B415E400V*	60 HP	396,800	455,200	519,200	590,000	354,400	408,000	467,600	533,600	360,800	414,400	473,600	539,200	322,400	372,000	426,800	487,600
4B420E400V*	80 HP	478,000	546,000	620,400	702,400	429,600	492,800	562,000	638,800	431,600	494,400	563,600	640,000	388,000	446,000	510,000	580,800
4B422E400V*	88 HP	538,800	613,200	695,200	784,800	484,800	554,400	631,200	715,200	485,600	554,400	630,000	712,800	437,200	501,200	571,200	648,800
4B425E400V*	100 HP	637,600	723,600	820,000	920,000	576,000	656,400	744,800	840,000	572,800	652,400	740,000	836,000	517,200	591,200	672,800	762,400

MODEL	DIMENSIONS L x W x H	SHIPPING WEIGHT	OPERATING WEIGHT	ELECTRICAL DATA MCA/MOP (Amps)				PUMP FLOW				CONDENSER AIR FLOW	TANK SIZE	NOISE LEVEL	FLUID CONNECTONS
	Inches	Lbs / Kg	Lbs / Kg	208/3	230/3	460/3	460 FLA	GPM	TDH	L/min	bar	CFM	Gal / L	dB	MNPT (Inches)
4B410E400V*	168 x 98 x 94	6800 / 3091	10400 / 4727	256 / 300	236 / 276	118 / 138	115	210	84	795	2.5	44,000	400 / 1514	82	3
4B415E400V*	168 x 98 x 94	7000 / 3182	10600 / 4818	334 / 397	307 / 363	153 / 182	148	210	84	795	2.5	44,000	400 / 1514	82	3
4B420E400V*	168 x 98 x 94	7200 / 3273	10800 / 4909	381 / 454	349 / 416	175 / 208	168	210	84	795	2.5	44,000	400 / 1514	82	3
4B422E400V*	168 x 98 x 94	7400 / 3364	11000 / 5000	419 / 501	383 / 458	192 / 229	184	210	84	795	2.5	44,000	400 / 1514	82	3
4B425E400V*	168 x 98 x 94	7600 / 3455	11200 / 5091	483 / 580	441 / 529	221 / 265	211	210	84	795	2.5	44,000	400 / 1514	82	3