

PROCHILLER SYSTEMS



# CHILSTAR SERIES

## UPDATED COMPACT DESIGN

The new smart design features a smaller footprint, reducing shipping costs while boosting the glycol tank capacity and streamlining maintenance

## ENHANCED ENERGY EFFICIENCY

Features include a 100-gallon insulated glycol tank and compact piping to reduce refrigerant charge, improve temperature control, and increase energy savings

## SIMPLIFIED SERVICE & MAINTENANCE

Technicians will appreciate the easy maintenance, with centralized piping to reduce leaks and ease refrigerant updates, plus quick reservoir view & fill access

## A CHILLER YOU'LL NEVER OUTGROW

Easily switch from a packaged chiller to an expansion module with a couple quick valve adjustments to create a larger centralized system for flexible growth





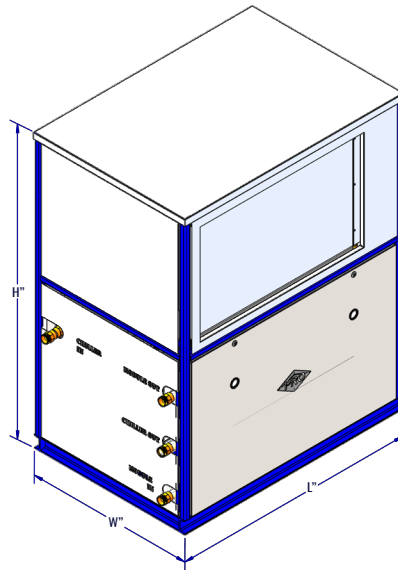
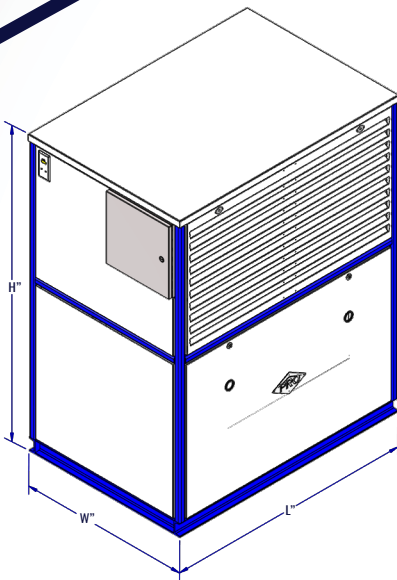
# INSULATED 100 GALLON GLYCOL STORAGE TANK

**DESIGNED TO CONVERT INTO  
A MODULE AND EXPAND AS  
CAPACITY LOAD INCREASES**

**24/7 ON-CALL SUPPORT**

**2 YEAR PARTS AND  
LABOR WARRANTY**

**LOW GWP REFRIGERANT**



MODEL	HP	COOLING CAPACITY IN KW				COOLING CAPACITY IN BTU/HR				ELECTRICAL DATA		
		KW @ °C / °F LEAVING FLUID AND 32°C / 90°F AIR TEMP				BTU/HR @ °C / °F LEAVING FLUID AND 32°C / 90°F AIR TEMP				MCA/MOP (Amps)		
		-6.7°C / 20°F	-3.9°C / 25°F	-1.1°C / 30°F	1.7°C / 35°F	-6.7°C / 20°F	-3.9°C / 25°F	-1.1°C / 30°F	1.7°C / 35°F	230/1	208-230/3	460/3
2E102E100H*	2	3.9	4.3	4.7	5.2	13,200	14,600	16,200	17,800	30 / 46	20 / 30	10 / 15
2E103E100H*	3	6.0	6.6	7.3	8.0	20,400	22,500	24,800	27,300	39 / 62	25 / 41	12 / 19
2E105E100H*	5	8.1	9.0	9.9	11.0	27,600	30,700	33,900	37,400	47 / 75	35 / 57	16 / 26
2M109E100H*	9	15.3	17.4	19.5	21.9	52,360	59,220	66,690	74,630	N/A	50 / 77	25 / 39

MODEL	DIMENSIONS L x W x H	SHIPPING WEIGHT	OPERATING WEIGHT	GLYCOL PUMP					CONDENSER AIR FLOW	TANK SIZE	NOISE LEVEL	FLUID CONNECTONS
				HP	GPM	TDH	L/min	bar				
	Inches	Lbs / Kg	Lbs / Kg	HP	GPM	TDH	L/min	bar	CFM	Gal / L	dB	MNPT (Inches)
2E102E100H*	56 x 38 x 69	1100 / 500	2000 / 909	1	53	48	201	1.4	2600	100 / 379	70	1 1/2
2E103E100H*	56 x 38 x 69	1100 / 500	2000 / 909	1	53	48	201	1.4	2600	100 / 379	76	1 1/2
2E105E100H*	56 x 38 x 69	1200 / 545	2100 / 955	1	53	48	201	1.4	4300	100 / 379	76	1 1/2
2M109E100H*	73 x 46 x 78	1800 / 818	2700 / 1227	2	53	74	201	2.2	8400	100 / 379	87	1 1/2

\*Flow rates are based on the ChilStar operating as a packaged chiller. When used as a module, flow rates will vary.