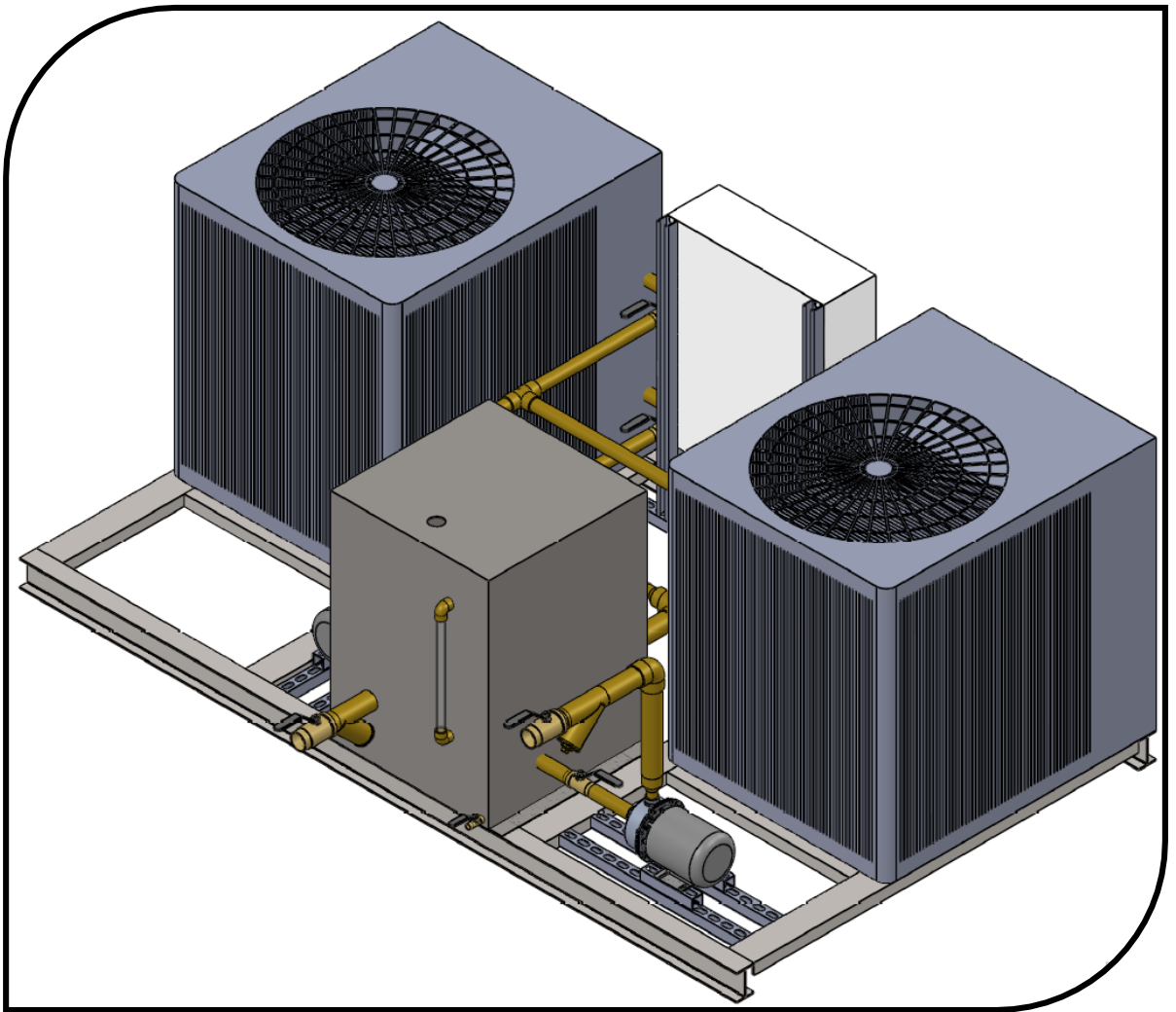




20TR Nominal Glycol Chiller



800.953.7700 • chillermen.com
374 S. Milpitas Blvd., Milpitas, CA 95035 • 3991 N. Freeway Blvd., Sacramento, CA 95834



FEATURES AND BENEFITS

PLUG AND PLAY OPERATION

- Single point power connection for system. System available in 230 VAC or 460 VAC (60 Hz)
- Steel skid construction for easy transportation to final site of operation
- System delivered tested, charged, and programmed with Fluid Industrial Manufacturing proprietary controls paradigm

PROPRIETARY CONTROLS PARADIGM

- Controls software designed by Fluid Industrial Manufacturing in house engineering to ensure optimal temperature accuracy and precision over time
- System controls designed for system safety and reliability: high / low pressure switches, fluid flow switches, current transmitters, equal run time sequencers, PID temperature control, and more all included on base models

SERVICEABILITY AND RELIABILITY

- 24 month warranty from ship date – with extended warranties available
- System designed for serviceability – all electrical panels, compressors, and pump motors are readily accessible by trained technicians and situated for easy replacement should it be required
- Isolation valves for pumps, evaporators, and overall system
- Safety systems ensure proper operation at all times to maximize system life span and minimize down time

STANDARD FEATURES

Outgoing Temp Control	High/Low Pressure Switch for Compressor	SS Brazed Plate Evaporator	Isolation Valves	Current Transmitters
Microprocessor Control	On/Off Switch	Copper Piping W/ FPT Connections	Factory Tuned and Tested	Diagnostic Display

OPTIONAL FEATURES

Two Independent Compressor Circuits	Liquid Flow Switches	Low Ambient Controls	Communication Interface	Defrost Timer
Primary and Secondary Pumps	Gauges and Displays	TRANE Coil Guard	System Pump W/ SS Buffer Tank	Additional Options Available on Request

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California 95035

TECHNICAL SPECIFICATIONS

TABLE 1: Approximate System Thermal Capacity (BTU/hr)

		Suction Temperature [°F]					
		[30]	[35]	[40]	[45]	[50]	[55]
Ambient Temperature [°F]	[75]	202,500	222,500	245,000	270,000	295,000	320,000
	[85]	190,000	212,500	232,500	255,000	280,000	305,000
	[95]	180,000	200,000	220,000	242,500	265,000	290,000
	[105]	167,500	187,500	202,500	227,500	250,000	272,500
	[115]	155,000	172,500	192,500	212,500	232,500	255,000

TABLE 2: System Power Requirements

VOLTAGE [VAC]	FLA [AMP]	MCA [AMP]
230 / 60 HZ	83	103
460 / 60 HZ	42	52

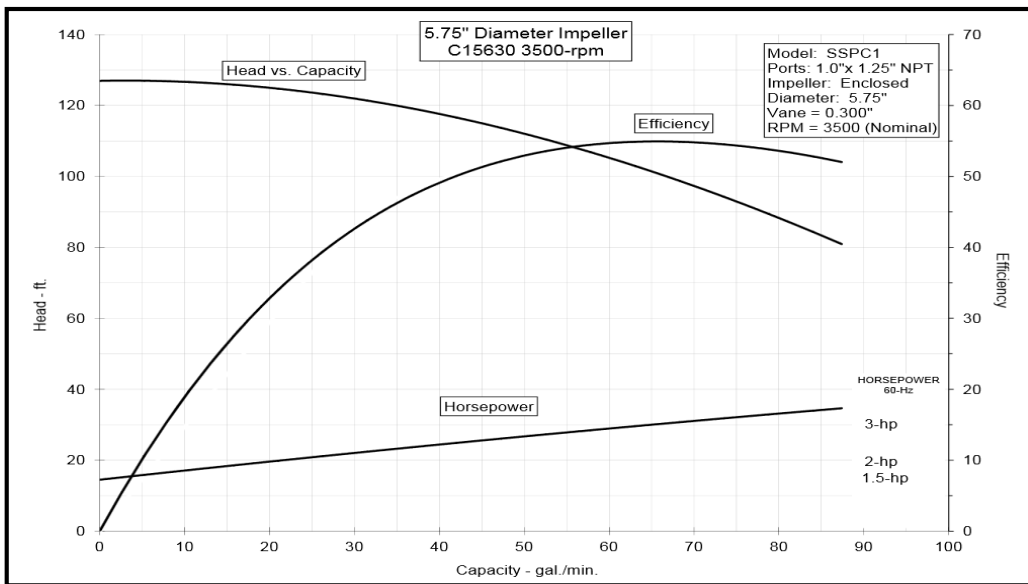


FIGURE 1: 3HP System Circulation Pump Curve

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DIMENSIONS AND WEIGHTS

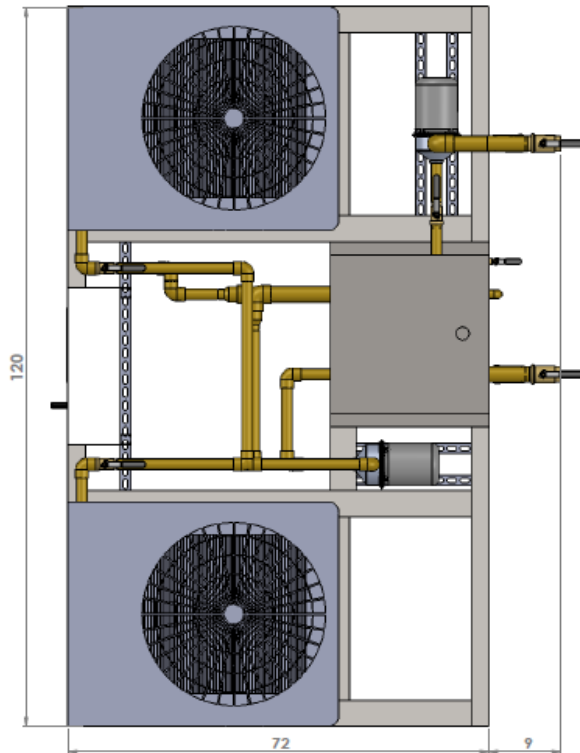


FIGURE 2: 20TR system top view dimensions (inches)

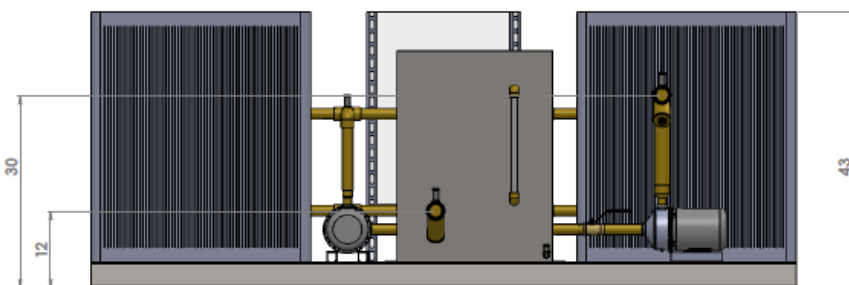


FIGURE 3: 20TR system front view dimensions (inches)

Unit shown includes optional features: Primary, secondary pumps and SS buffer tank
Operating Weight: 3000 Pounds

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