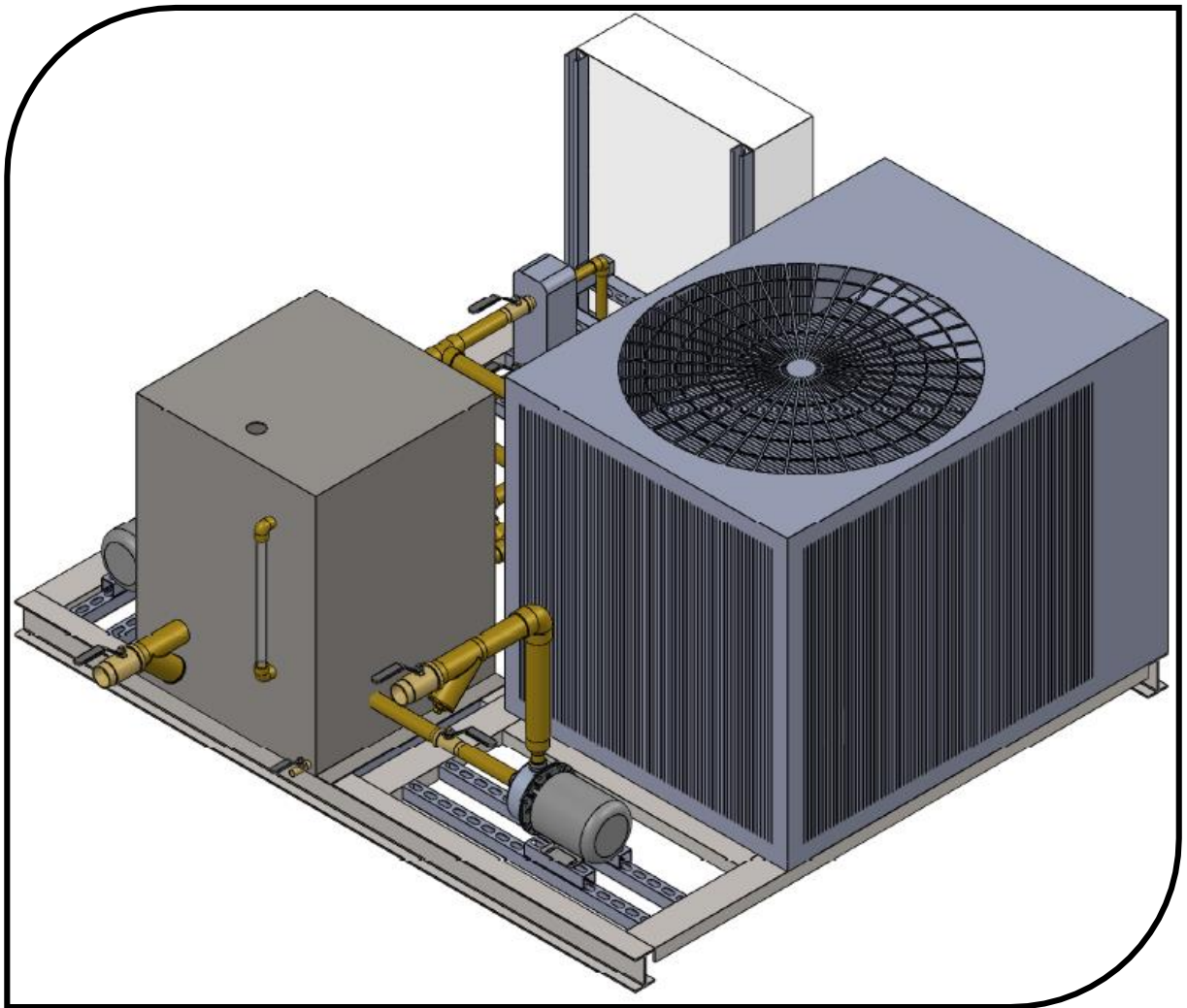




10TR Nominal Glycol Chiller



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

Fluid Industrial Manufacturing
374 S Milpitas Blvd, Milpitas,
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]	95,000	105,000	117,500	130,000	140,000	152,500
	[85]	90,000	100,000	112,500	120,000	135,000	147,500
	[95]	85,000	95,000	105,000	117,500	127,500	140,000
	[105]	80,000	90,000	100,000	111,000	120,000	130,000
	[115]	75,000	85,000	92,500	102,500	112,500	120,000

TABLE 2: System Power Requirements

VOLTAGE [VAC]	FLA [AMP]	MCA [AMP]
230 / 60 HZ	41	51
460 / 60 HZ	21	26

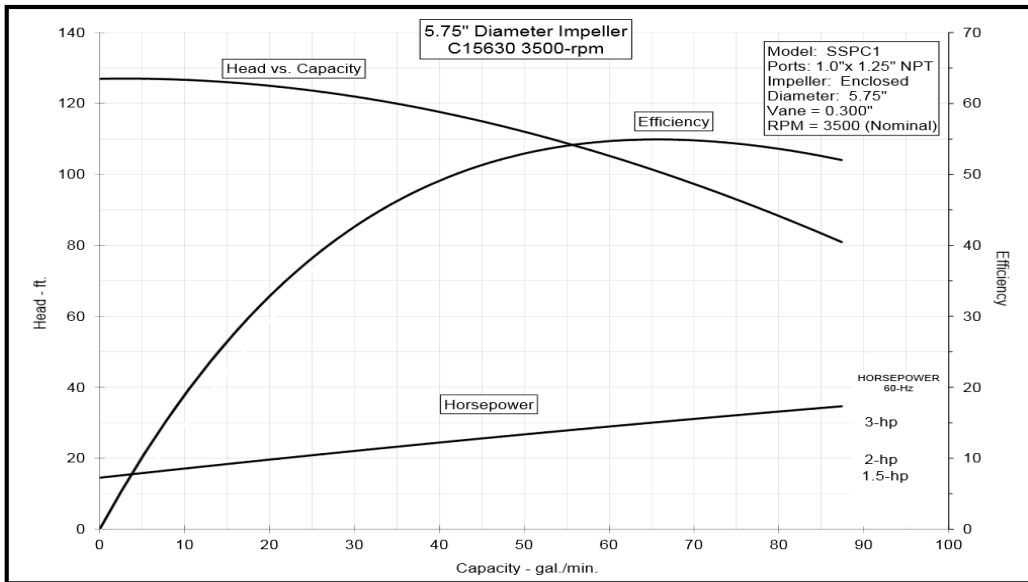


FIGURE 1: 3HP System Circulation Pump Curve

Fluid Industrial Manufacturing
374 S Milpitas Blvd, Milpitas,
California 95035

DIMENSIONS AND WEIGHTS

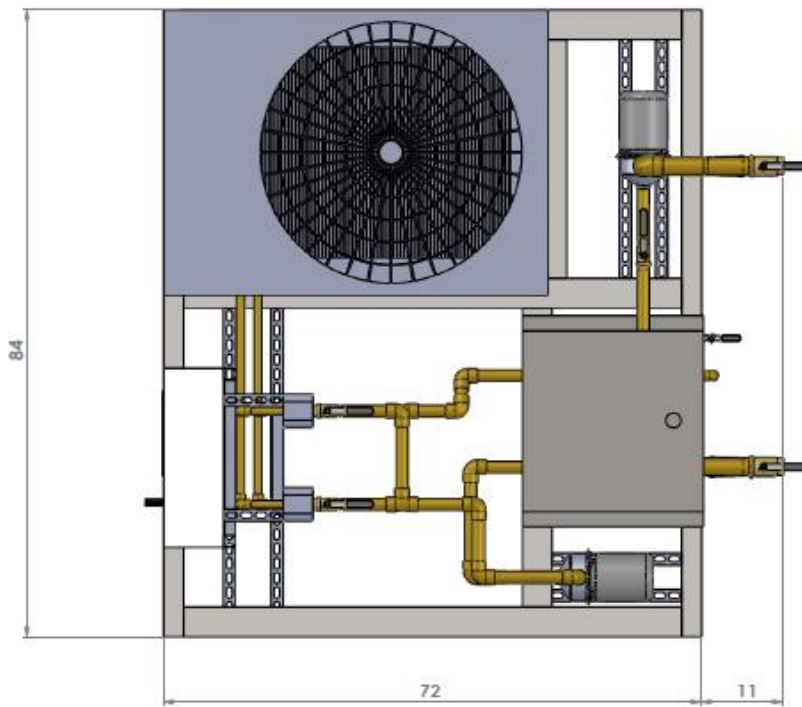


FIGURE 2: 10TR system top view dimensions (inches)

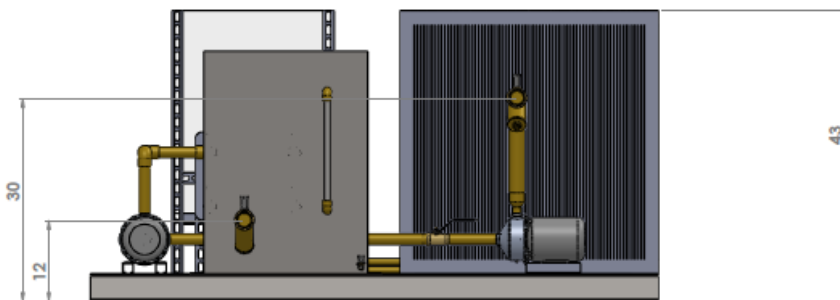


FIGURE 3: 10TR system front view dimensions (inches)

Unit shown includes optional features: Primary, secondary pumps and SS buffer tank
Approximate Operating Weight: 2500 Pounds

Fluid Industrial Manufacturing
374 S Milpitas Blvd, Milpitas,
California 95035