

MA SERIES CHILLER SYSTEM

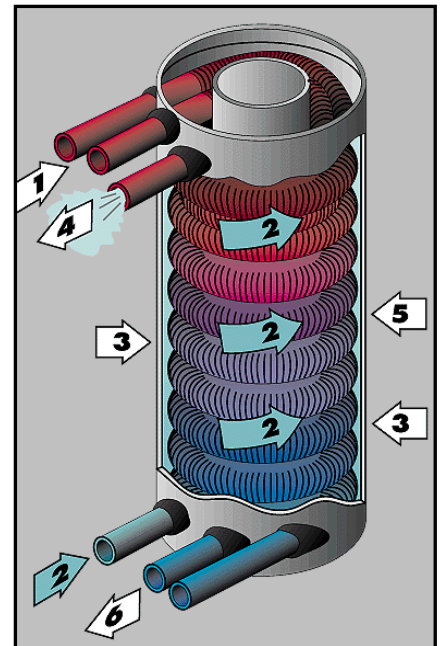


Packaged Chiller System

The MA Series is designed for new applications and the retrofit market.

Utilizing proven, efficient, core components we offer a system with Glycol/Water Storage Tank and dedicated Glycol/Water Process Pump to circulate to the processing plant.

- **Complete Size Range**- The MA Series is offered in various sizes from 5 HP to 24 HP in single and dual compressor configurations.
- **Spiral Drum Heat Exchanger**- Each model is supplied standard with the proven Spiral Drum Heat Exchanger. Combining the highest efficiency with unmatched durability. The Spiral Drum Evaporator is supplied with a 5 year replacement warranty
- **Stainless Steel Glycol Pumps**- System supplied standard with an internal Chiller Evaporator Pump and a Dedicated Glycol Process Pump.
- **Insulated Glycol Storage Tank**- System supplied standard with large insulated Glycol Storage Tank with easy fill access.
- **ETL Listed UL 508 Electrical Control Panel**- Control panels supplied with all motor starters, system fusing, indicator light, and digital thermostat with glycol temperature display.



When Keeping Cool is Everything™
Manufacturers and Suppliers of the Pro Chiller and Proformer Product Line.

MA SERIES CHILLER SYSTEMS
5 HP TO 24 HP PACKAGED AIR COOLED

SINGLE COMPRESSOR SYSTEMS

AIR COOLED CHILLER SYSTEMS	MODEL	MINIMUM CIRCUIT AMPACITY									
		BTU/HR 28°F GLYCOL 110° COND 5°F SUBCOOL	BTU/HR 33°F GLYCOL 110° COND 5°F SUBCOOL	PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT (LBS)	230V/1PH/60HZ	208-230V/3PH/60HZ	460V/3PH/60HZ	CONNECTION SIZES
5 HP	PM105F1R4100-A	38,671	43,651	1 HP	100 GAL	59 X 44 X 71	1,350	68 Amps	40 Amps	20 Amps	1.5 IN
7.5 HP	PM108F2R4100-A	56,287	63,878	1 HP	100 GAL	74 X 44 X 78	1,675	N/A	56 Amps	28 Amps	2 IN
10 HP	PM110F3R4100-A	72,534	81,544	1.5 HP	100 GAL	74 X 44 X 78	1,750	N/A	67 Amps	34 Amps	2 IN
12 HP	PM112F3R4100-A	92,834	104,102	1.5 HP	100 GAL	74 X 44 X 78	1,850	N/A	81 Amps	42 Amps	2 IN

DUAL COMPRESSOR SYSTEMS

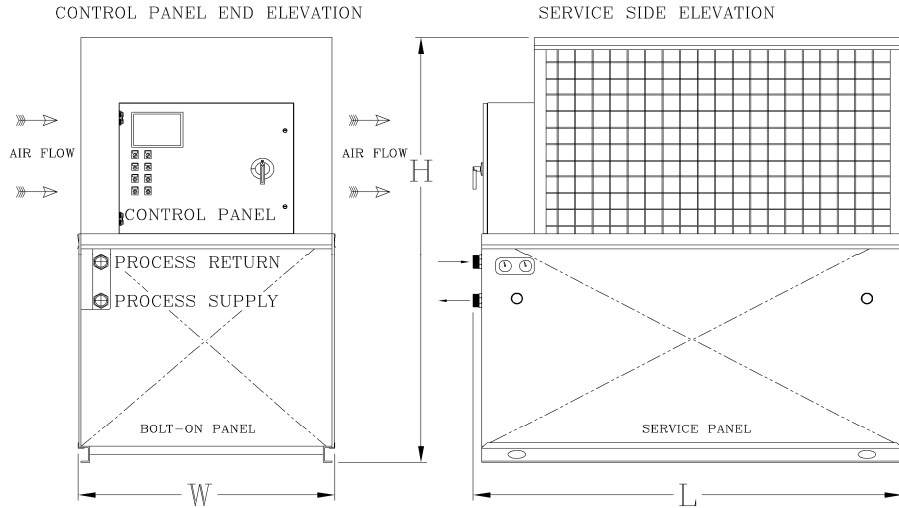
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		BTU/HR 28°F GLYCOL 110° COND 5°F SUBCOOL	BTU/HR 33°F GLYCOL 110° COND 5°F SUBCOOL	PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT (LBS)	230V/1PH/60HZ	208-230V/3PH/60HZ	460V/3PH/60HZ	CONNECTION SIZES
10 HP	PM205F2R4200-A	77,342	87,302	1.5 HP	200 GAL	105 X 51 X 64	1,900	112 Amps	67 Amps	33 Amps	Supply and Return Connections are 2 Inch
15 HP	PM208F4R4200-A	112,574	127,756	2 HP	200 GAL	119 X 51 X 77	2,350	N/A	99 Amps	50 Amps	
20 HP	PM210F6R4200-A	145,068	163,088	2 HP	200 GAL	119 X 51 X 77	2,475	N/A	117 Amps	58 Amps	
24 HP	PM212F6R4200-A	185,668	208,204	2 HP	200 GAL	119 X 51 X 77	2,700	N/A	143 Amps	73 Amps	

- MA SERIES SYSTEMS ARE SUPPLIED STANDARD WITH:
- GALVANIZED SERVICE PANELS
 - STANDARD CIRCUITED CONDENSER
 - RECEIVER WITH LIQUID SHUTOFF
 - LIQUID LINE SOLENOID VALVE, SIGHTGLASS, AND FILTER DRIER
 - SPIRAL DRUM EVAPORATOR WITH TXVS
 - LOW PRESSURE FREEZE CONTROLS
 - ETL (UL 508) CONTROL PANEL WITH:
 - ALL MOTOR STARTERS
 - COMPRESSOR CIRCUIT BREAKERS
 - CONTROL TRANSFORMER
 - ELECTRONIC TEMP CONTROL WITH DISPLAY



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5 HP TO 12 HP SYSTEMS



10 HP TO 24 HP SYSTEMS

