

MA SERIES CHILLER SYSTEM

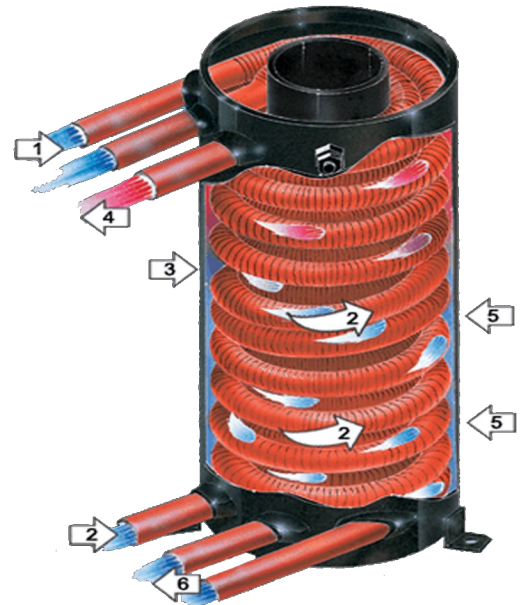


Packaged Chiller System

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.

Pro Refrigeration Inc.
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P.O. Box 1528
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MA SERIES CHILLER SYSTEMS
5 HP TO 24 HP PACKAGED AIR COOLED

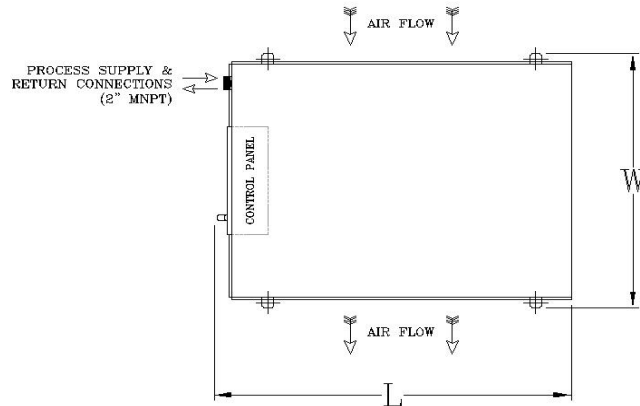
SINGLE COMPRESSOR SYSTEMS				PHYSICAL DATA					ELECTRICAL DATA			
MINIMUM CIRCUIT AMPACITY/ MAXIMUM OVERCURRENT PROTECTION												
AIR COOLED CHILLER SYSTEMS	MODEL	BTU/HR 28°F GLYCOL 90° COND 5°F SUBCOOL	BTU/HR 33°F GLYCOL 90° COND 5°F SUBCOOL	PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT (LBS)	OPERATION WEIGHT (LBS)	230V/1PH/60HZ	208-230V/3PH/60HZ MCA/MOP	460V/3PH/60HZ MCA/MOP	CONNECTION SIZES
5 HP	PE105F1R4100-A	35,000	43,600	1 HP	100	60 X 47 X 71	1,500	2,400	68 Amps	40/62	20/30	Supply and Return Connections are 2 Inch
7.5 HP	PM108F2R4100-A	56,000	63,800	1 HP	100	75 X 47 X 78	1,800	2,700	N/A	56/86	28/44	
10 HP	PM110F3R4100-A	72,500	81,500	1.5 HP	100	75 X 47 X 78	1,900	2,800	N/A	67/106	34/53	
12 HP	PM112F3R4100-A	92,800	104,100	1.5 HP	100	75 X 47 X 78	1,900	2,800	N/A	81/131	42/67	

- 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
 - SEGMENTED 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

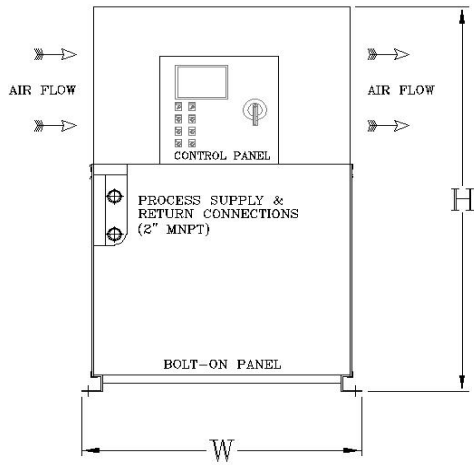


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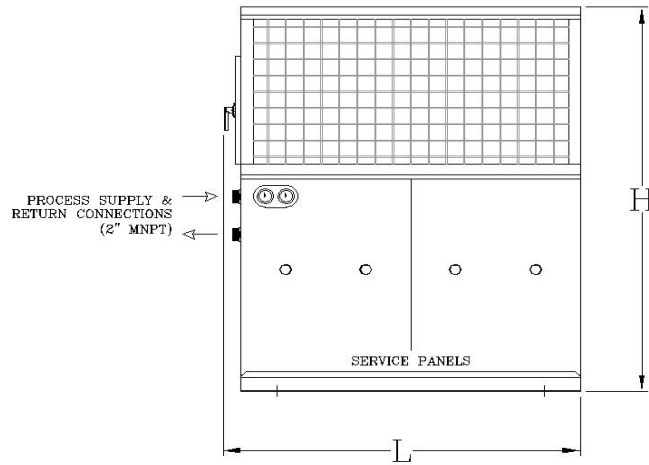
5HP - 12HP
SYSTEM



PLAN VIEW



CONTROL PANEL END ELEVATION



SIDE ELEVATION

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

DUAL COMPRESSOR SYSTEMS				PHYSICAL DATA					ELECTRICAL DATA			
AIR COOLED CHILLER SYSTEMS	MODEL	BTU/HR 28°F GLYCOL 90° COND 5°F SUBCOOL	BTU/HR 33°F GLYCOL 90° COND 5°F SUBCOOL	PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT (LBS)	OPERATION WEIGHT (LBS)	MINIMUM CIRCUIT AMPACITY/ MAXIMUM OVERCURRENT PROTECTION			CONNECTION SIZES
									230V/1PH/60HZ	208-230V/3PH/60HZ MCA/MOP	460V/3PH/60HZ MCA/MOP	
10 HP	PE205F2R4200-A	70,000	87,200	1.5 HP	200	106 X 54 X 67	2,400	4,100	112 Amps	67/89	33/44	Supply and Return Connections are 2 Inch
15 HP	PM208F4R4200-A	112,000	127,600	2 HP	200	120 X 54 X 77	2,900	4,600	N/A	99/130	50/62	
20 HP	PM210F6R4200-A	145,000	163,000	2 HP	200	120 X 54 X 77	3,000	4,700	N/A	118/156	58/78	
24 HP	PM212F6R4200-A	185,600	208,200	2 HP	200	120 X 54 X 77	3,000	4,700	N/A	143/193	73/99	

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10HP-24HP SYSTEM

