

CA SERIES CHILLER SYSTEM

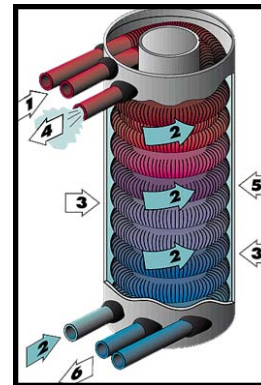


Packaged Chiller System

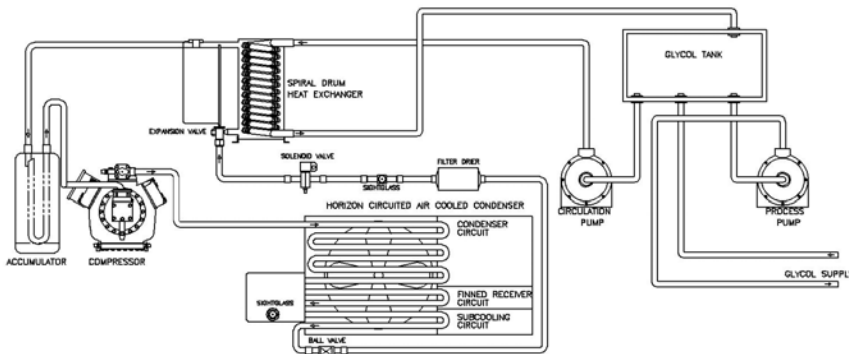
The CA Series is designed for new applications and the retrofit market.

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.

- **Large Size Range**– The CA Series is offered in various sizes from 10 HP to 100 HP in single and dual compressor configurations.
- **Spiral Drum Heat Exchanger**– Each model is supplied standard with the proven Spiral Drum Heat Exchanger.
- **Horizon™ Circuited Condenser**– Supplied standard with our Horizon™ Circuited Condensers. The Finned Receiver and Subcooling Circuits deliver one of the most efficient condensers available.
- **CR110 Microprocessor Controller**– The optional CR110 Controller can be installed on each model. Independent Control Cards provide improved Compressor, Condenser, Evaporator, and Pump Control.
- **Stainless Steel Glycol Pumps**– System supplied standard with an internal Chiller Evaporator Pump and a Dedicated Glycol Process Pump.



CA SERIES CHILLER SYSTEM FLOW ILLUSTRATION



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

Pro Refrigeration Inc.
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CA SERIES CHILLER SYSTEMS
10 HP TO 50 HP PACKAGED AIR COOLED WITH HORIZON CIRCUITRY

SINGLE COMPRESSOR SYSTEMS

AIR COOLED CHILLER SYSTEMS	MODEL	CAPACITY		PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	MINIMUM CIRCUIT AMPACITY		CONNECTION SIZES
		28°F GLYCOL 110°F COND 10°F SUBCOOL	33°F GLYCOL 110°F COND 10°F SUBCOOL				208-230V/3PH/60HZ	460V/3PH/60HZ	
10 HP	PB110F3R4250-A	75,900	86,400	2 HP	250	134 X 48 X 87	76 Amps	38 Amps	All Glycol Supply and Return Connections are 2 Inch
20 HP	PB120F5R4250-A	127,400	145,000	2 HP	250	170 X 48 X 87	106 Amps	50 Amps	
30 HP	PB130F7R4250-A	192,100	217,000	3 HP	250	170 X 48 X 87*	153 Amps	76 Amps	
40 HP	PB140F10R4250-A	288,000	325,000	3 HP	250	218 X 48 X 87	230 Amps	115 Amps	
50 HP	PB150F14R4250-A	341,000	386,000	5 HP	250	228 X 48 X 87	273 Aps	137 Amps	

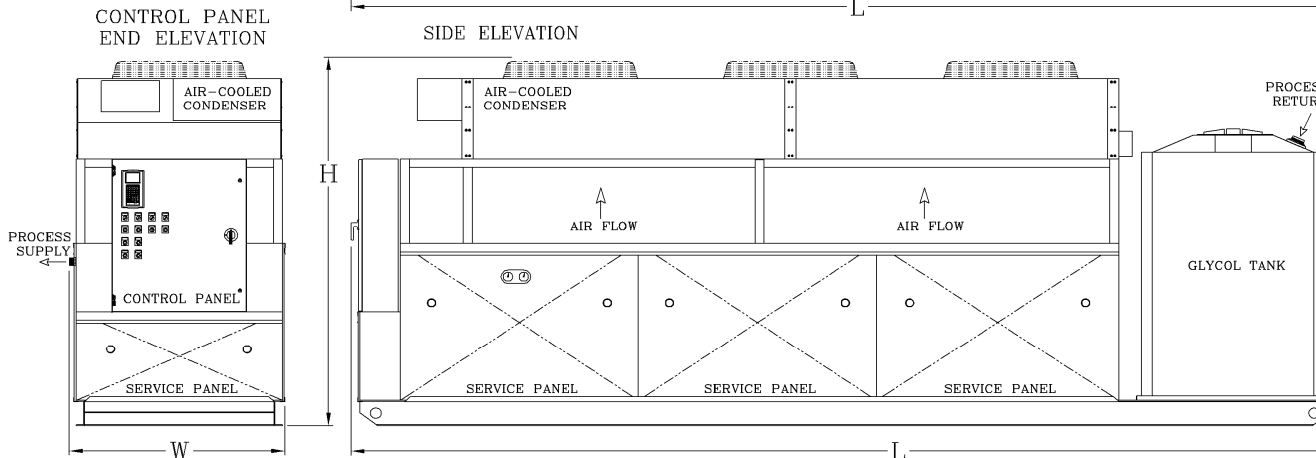
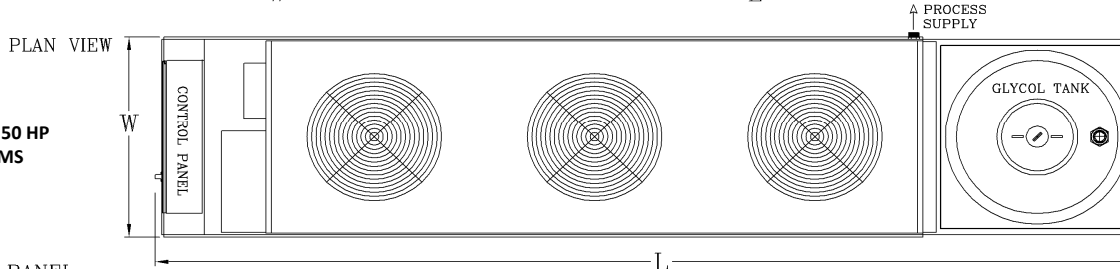
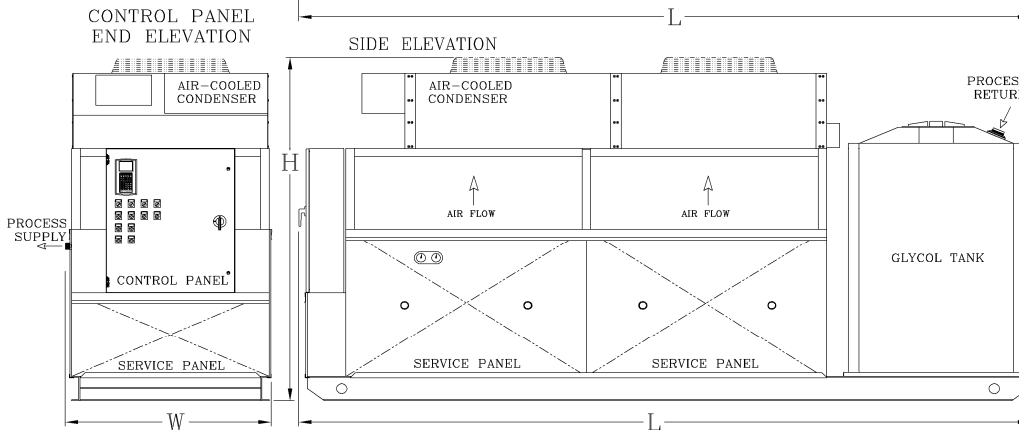
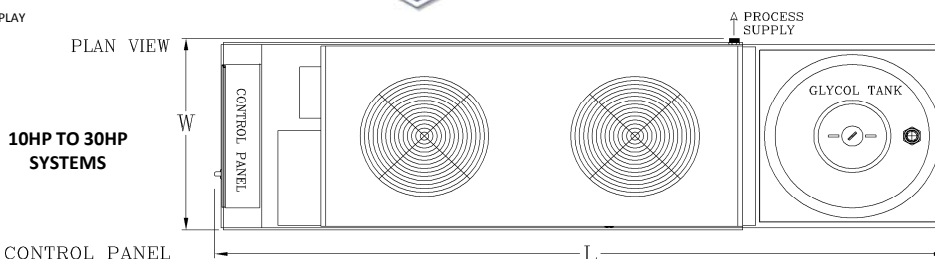
*USE 40HP DIMENSIONS FOR HIGH AMBIENT (3 FAN) SYSTEM

CA SERIES SYSTEMS ARE SUPPLIED STANDARD WITH:

- GALVANIZED SERVICE PANELS
- CONDENSER FAN MOTOR CONTACTORS AND PRESSURE SWITCHES (1 PER FAN)
- HORIZON CIRCUITED CONDENSER
- 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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CA SERIES CHILLER SYSTEMS
20 HP TO 100 HP PACKAGED AIR COOLED WITH HORIZON CIRCUITRY

DUAL COMPRESSOR SYSTEMS

AIR COOLED CHILLER SYSTEMS	MODEL	CAPACITY		PROCESS PUMP	TANK CAPACITY (GAL)	DIMENSIONS L X W X H (INCHES)	MINIMUM CIRCUIT AMPACITY		CONNECTION SIZES
		28°F GLYCOL 110°F COND 10°F SUBCOOL	33°F GLYCOL 110°F COND 10°F SUBCOOL				208-230V/3PH/60HZ	460V/3PH/60HZ	
20 HP	PB210F6R4400-A	151,800	172,800	5 HP	400	148 X 94 X 87	138 Amps	69 Amps	All Glycol Supply and Return Connections are 2 Inch
40 HP	PB220F10R4400-A	254,800	290,000	5 HP	400	184 X 94 X 87	199 Amps	99 Amps	
60 HP	PB230F14R4400-A	384,200	434,000	7.5 HP	400	184 X 94 X 87*	283 Amps	141 Amps	
80 HP	PB240F20R4400-A	576,000	650,000	7.5 HP	400	232 X 94 X 87	423 Amps	212 Amps	
100 HP	PB250F28R4400-A	682,000	772,000	7.5 HP	400	234 X 94 X 87	495 Amps	247 Amps	

* USE 80HP DIMENSIONS FOR HIGH AMBIENT (3 FAN) SYSTEM

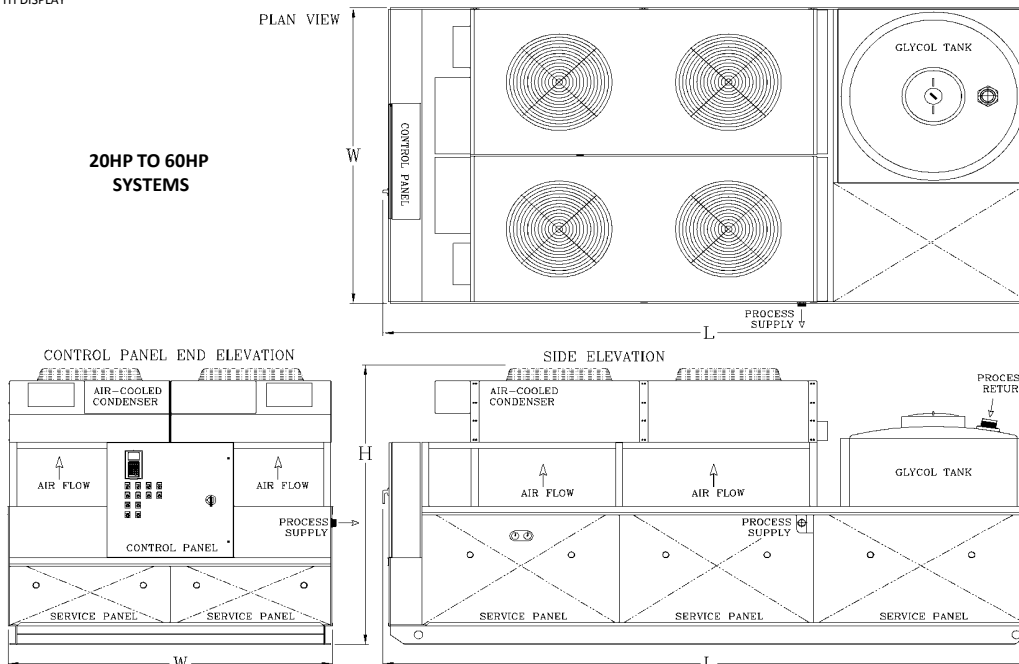
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20HP TO 60HP SYSTEMS



60HP* TO 100HP SYSTEMS

