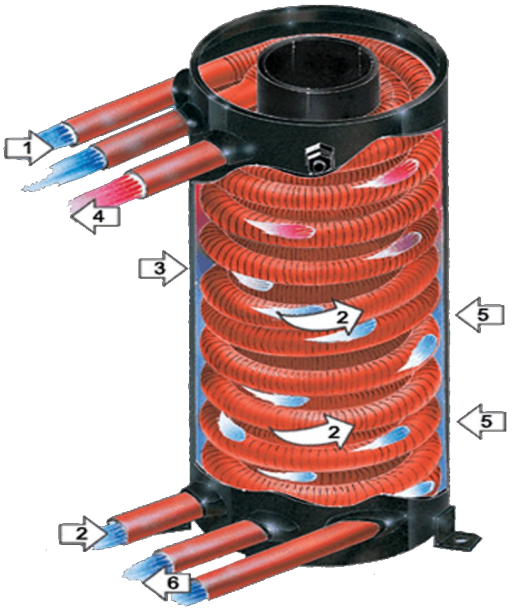
CLASSIC SERIES CHILLER SYSTEM

Modular Chiller System

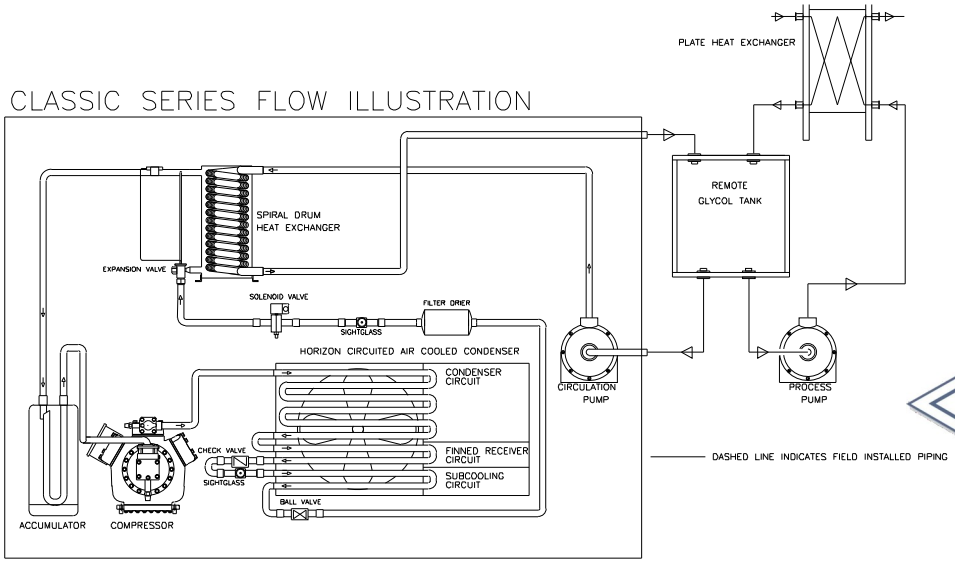
The Classic Series was designed for the retrofit market. Utilizing the core components from our Packaged Chiller System, we developed a streamlined system without a Glycol Storage Tank and Glycol Process Pump.

The Classic Series is ideal when you need to replace or add capacity to any existing chiller system.

- Large Size Range– The Classic Series is offered in various sizes from 10 HP to 100 HP. Both Air Cooled or Water Cooled Models are available.
- Spiral Drum Heat Exchanger– Each model is supplied standard with the proven Spiral Drum Heat Exchanger.
- Horizon™ Circuited Condenser– 10 HP and larger 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 standard CR110 Controller is incorporated on each model. Independent Control Cards provide improved Compressor, Condenser, Evaporator, and Pump Control.



CLASSIC SERIES FLOW ILLUSTRATION



PRO REFRIGERATION INC

When Keeping Cool is Everything™

Manufacturers and Suppliers of the Pro Chiller and Proformer Product Line.

Pro Refrigeration Inc.
Tel: 253.735.9466 / 800.845.7781
P.O. Box 1528
Fax: 253.735.2631
Auburn, WA 98071-1528
www.proformerproducts.com

CL SERIES CHILLER SYSTEMS
10 HP TO 50 HP CLASSIC AIR COOLED WITH HORIZON CIRCUITRY

SINGLE COMPRESSOR SYSTEMS				PHYSICAL DATA				ELECTRICAL DATA		
								MINIMUM CIRCUIT AMPACITY/ MAXIMUM OVERCURRENT PROTECTION		
CLASSIC AIR COOLED CHILLER SYSTEMS	MODEL	CAPACITY 28°F GLYCOL 90°F COND 10°F SUBCOOL	CAPACITY 33°F GLYCOL 90°F COND 10°F SUBCOOL	GLYCOL PUMP	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT	OPERATING WEIGHT	208-230V/3PH/60HZ MCA/MOP	460V/3PH/60HZ MCA/MOP	CONNECTION SIZES
10 HP	PB110F3R4CL-A	75,900	86,400	2 HP	91 X 50 X 87	2,200	2,300	61/94	34/56	All Glycol Supply and Return Connections are 2 Inch
20 HP	PB120F5R4CL-A	127,400	145,000	2 HP	127 X 50 X 87	2,800	2,900	94/158	47/79	
30 HP	PB130F7R4CL-A	192,100	217,000	3 HP	127X 50 X 87*	3,000*	3,100*	151/249	76/125	
40 HP	PB140F10R4CL-A	288,000	325,000	5 HP	175 X 50 X 87	3,900	4,000	221/371	114/192	
50 HP	PB150F14R4CL-A	341,000	386,000	5 HP	175 X 50 X 87	4,200	4,300	261/443	131/222	

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

CLA SERIES SYSTEMS ARE SUPPLIED STANDARD WITH:

GALVANIZED SERVICE PANELS
CONDENSER FAN MOTOR CONTACTORS
HORIZON CIRCUITED CONDENSER
LIQUID LINE SOLENOID VALVE, SIGHTGLASS, AND FILTER DRIER
SEGMENTED SPIRAL DRUM EVAPORATOR WITH TXVS
LOW PRESSURE FREEZE PROTECTION
ETL (UL 508) CONTROL PANEL WITH
- •ALL MOTOR STARTERS
- •COMPRESSOR CIRCUIT BREAKERS
- •CONTROL TRANSFORMER
- •MICROPROCESSOR REFRIGERATION CONTROLLER

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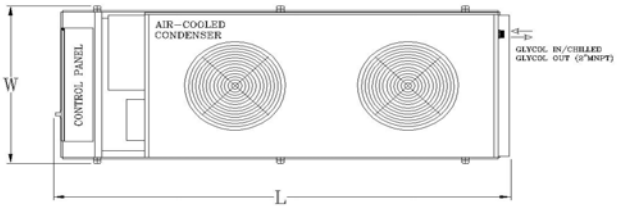
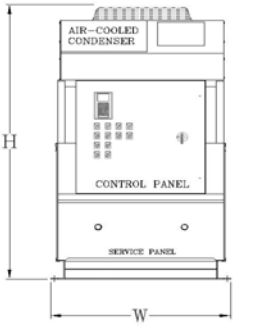
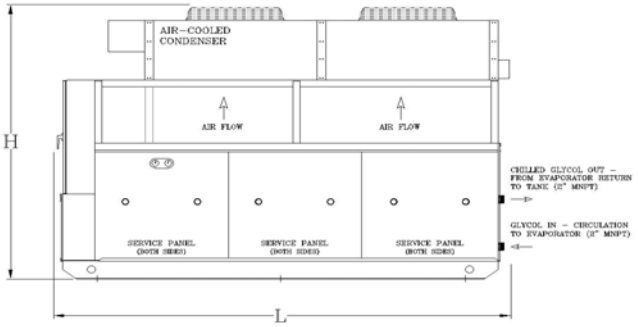
10HP TO 30HP SYSTEMS



PLAN VIEW

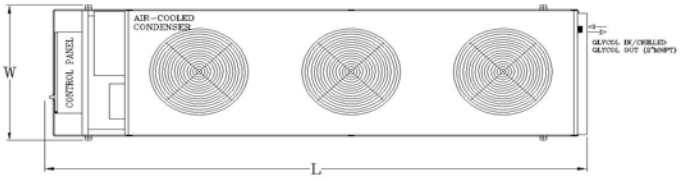


CONTROL PANEL END ELEVATION

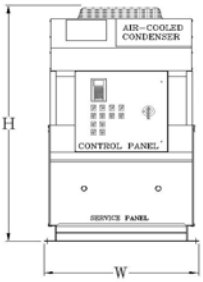


SIDE ELEVATION

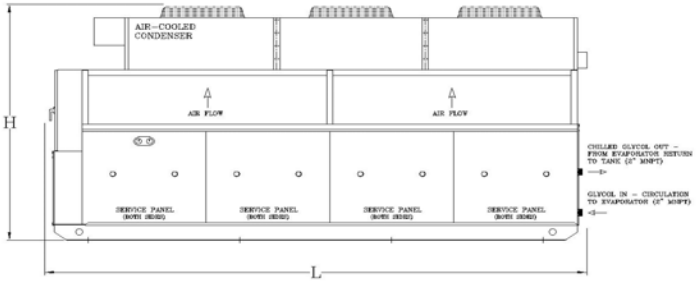
30HP* to 50 HP SYSTEMS



PLAN VIEW



CONTROL PANEL END ELEVATION



SIDE ELEVATION

Pro Refrigeration reserves the right to change prices and specifications without notice

CL SERIES CHILLER SYSTEMS
20 HP TO 100 HP CLASSIC AIR COOLED WITH HORIZON CIRCUITRY

DUAL COMPRESSOR SYSTEMS				**PHYSICAL DATA**				**ELECTRICAL DATA** MINIMUM CIRCUIT AMPACITY/ MAXIMUM OVERCURRENT PROTECTION		
CLASSIC AIR COOLED CHILLER SYSTEMS	MODEL	CAPACITY 28°F GLYCOL 90°F COND 10°F SUBCOOL	CAPACITY 33°F GLYCOL 90°F COND 10°F SUBCOOL	GLYCOL PUMP	DIMENSIONS L X W X H (INCHES)	SHIP WEIGHT	OPERATING WEIGHT	208-230V/3PH/60HZ MCA/MOP	460V/3PH/60HZ MCA/MOP	CONNECTION SIZES
20 HP	PB210F6R4CL-A	151,800	172,800	2 EA 2 HP	91 X 95 X 87	4,200	4,400	106/144	59/81	All Glycol Supply and Return Connections are 2 Inch
40 HP	PB220F10R4CL-A	254,800	290,000	2 EA 2 HP	127 X 95 X 87	5,000	5,200	182/246	91/123	
60 HP	PB230F14R4CL-A	384,200	434,000	2 EA 3 HP	127 X 95 X 87*	5,600*	5,800*	265/363	132/182	
80 HP	PB240F20R4CL-A	576,000	650,000	2 EA 5 HP	175 X 95 X 87	7,300	7,500	405/555	209/287	
100 HP	PB250F28R4CL-A	682,000	772,000	2 EA 5 HP	175 X 95 X 87	7,900	8,100	477/659	238/329	

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

CLA SERIES SYSTEMS ARE SUPPLIED STANDARD WITH:

GALVANIZED SERVICE PANELS
CONDENSER FAN MOTOR CONTACTORS
HORIZON CIRCUITED CONDENSER
LIQUID LINE SOLENOID VALVE, SIGHTGLASS, AND FILTER DRIER
SEGMENTED SPIRAL DRUM EVAPORATOR WITH TXVS
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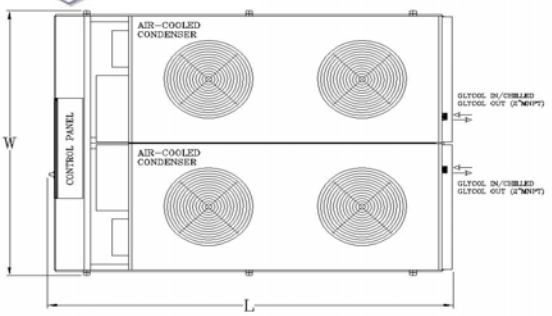
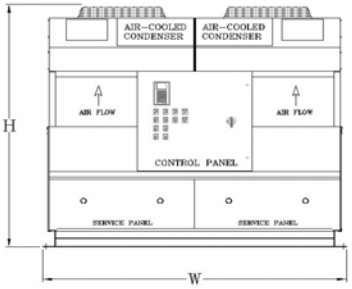
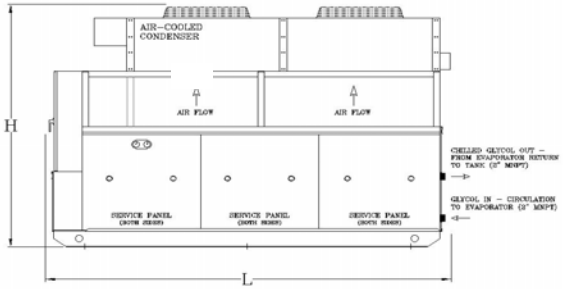
20 HP TO 60 HP SYSTEMS



PLAN VIEW

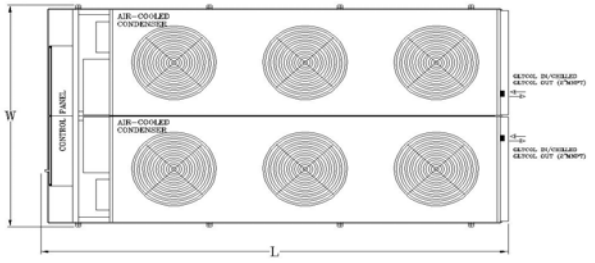


CONTROL PANEL END ELEVATION

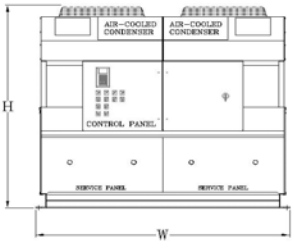


SIDE ELEVATION

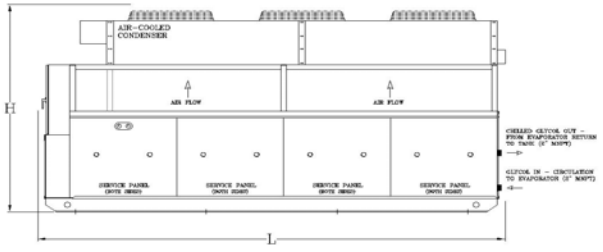
60 HP* TO 100 HP SYSTEMS



PLAN VIEW



CONTROL PANEL END ELEVATION



SIDE ELEVATION

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