

All GP Series air-and water-cooled portable chillers offer a leaving coolant temperature range of 20°F to 80°F (-7.5°C to 30°C). Offering the smallest footprint in the industry, the GP Series is also the first product line to utilize the environmentally friendly R410a refrigerant.



Standard Features

- 1 year compressor and labor warranty; 2 year parts warranty; 3 year limited controller warranty
- NEMA 12 electrical enclosure
- Non-fused disconnect switch with single point power connection
- No tools necessary to access the mechanical cabinet
- 4" locking swivel casters
- Environmentally friendly R410a refrigerant
- Branch motor fusing
- "Y" strainer on process water line to evaporator
- Off-the-shelf modular controller is accurate to within +/- 1°F (+/- 0.6 °C)
- Easy-to-read LCD display showing system operating status, Set Point and To-Process temperature; remote mount without special configuration
- Multiple screen, 20 character x 8 line display
- Stamped, stainless steel, horizontally mounted pump assures reliability
- Leaving water temperature range of 20°F to 80°F (-7.5°C to 30°C)
- Non-ferrous piping
- Air-cooled units feature aluminum fin tube condensers with easy on/off, washable air filters
- Water-cooled units equipped with water regulating valves with tube-in-tube condensers





The magnetic connection on the controller interface allows it to be mounted anywhere on the unit. This allows the chiller to be placed anywhere on the process line since there is no front or back to the unit.



Evaporator



Scroll Compressor



Locking swivel castors



Air-cooled condenser

Model		20	30	40	50
Compressor		Hermetic scroll with compressor staging			
Compressor HP (kW)		5 hp (3.7kW)	7.5 hp (5.6 kW)	10 hp (7.5 kW)	15 hp (11 kW)
Evaporator		Stainless steel brazed plate			
Reservoir		20 gallons	20 gallons	40 gallons	40 gallons
Pump HP (kW)		1 hp (0.75 kW)	1.5 hp (1.1 kW)	2 hp (1.5 kW)	2 hp (1.5 kW)
Nominal capacity @ 50°F LWT, with 1-pump (60 hz) Tons (kW)	Air	4.72 (16.60)	7.52 (26.45)	10.11 (35.56)	15.08 (53.04)
	Water	5.3 (18.86)	8.36 (29.46)	11.31 (39.78)	16.76 (58.94)
	Remote	4.72 (16.60)	7.52 (26.45)	10.11 (35.56)	15.08 (53.04)
Nominal capacity @ 50°F LWT, with 1-pump (50 hz) Tons (kW)	Air	3.93 (13.83)	6.27 (22.04)	8.43 (29.63)	12.57 (44.20)
	Water	4.42 (15.53)	6.97 (24.50)	9.43 (33.15)	13.97 (49.12)
	Remote	3.93 (13.83)	6.27 (22.04)	8.43 (29.63)	12.57 (44.20)
Height in (mm)	GPAC	63" (1600 mm)	81.5" (2070 mm)	80.5" (2515 mm)	99" (2515 mm)
	GPWC	60.5" (1537 mm)	60.5" (1537 mm)	60.5" (1537 mm)	79" (2007 mm)
	GPRC				
Depth (in, mm)		35" (889 mm)		44" (1118 mm)	
Width (in, mm)		35" (889 mm)			
Weight (lbs, kgs)	GPAC	520 (235)	700 (320)	760 (345)	950 (430)
	GPWC				
	GPRC	550 (250)	730 (335)	790 (360)	980 (445)

www.colortronicna.com

Corporate Headquarters:
Colortronic North America, Inc.
 4100 Market Place
 Flint, MI 48507 USA
 Phone: 810.720.7300
 Fax: 810.720.2598
 E-mail: colortronicweb@corpemail.com

Dimensions and data not binding. Copyright by Colortronic 2009.