

## GP SERIES



## ENVIRONMENTALLY FRIENDLY PORTABLE CHILLING



Sterling's GP Series offers 20-50 kW (5-15 tons of refrigeration) for their air-and-water-cooled portable chillers and provides 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 environmentally friendly R410a refrigerant.

### Features

- Environmentally friendly, R410a refrigerant
- Branch motor circuit protection
- "Y" strainer in process water line to evaporator
- Off-the-shelf modular controller is accurate to within  $\pm 1^\circ\text{F}$  ( $\pm 0.6^\circ\text{C}$ )
- Easy-to-read LCD display showing system operating status, Set Point, and To-Process temperature; remote mount without special configuration
- Multiple-line 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
- No tools necessary to access the mechanical cabinet
- 4" swivel casters with locks
- Electronic hot gas bypass valve
- Non-fused disconnect switch with single point power connection
- 1 year compressor and labor warranty; 2 year parts warranty; 3 year limited controller warranty
- NEMA 12 electrical enclosure

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Model		20	30	40	50
Compressor		Hermetic scroll with compressor staging			
Compressor HP (kW)		5 (3.7)	7.5 (5.6)	10 (7.5)	15 (11)
Evaporator		Stainless steel brazed plate			
Reservoir gal (L)		20 (76)		40 (151)	
Pump HP (kW)		1.5 (1.1)	2 (1.5)		3 (2.2)
Height in (mm)	GPAC	63 (1600)	81.5 (2070)	80.5 (2515)	99 (2515)
	GPWC	60.5 (1537)			79 (2007)
	GPRC				
Depth, in (mm.)		35 (889)		44 (1118)	
Width, in (mm.)		35 (889)			
Weight lbs (kg)	GPAC	520 (235)	700 (320)	760 (345)	950 (430)
	GPWC				
	GPRC	550 (250)	730 (335)	790 (360)	980 (445)

Contact factory for detailed information on remote 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.



Scroll Compressor



Evaporator



Locking swivel casters



Air-cooled condenser