



Application Engineering®

PROVIDING SOLUTIONS, NOT JUST EQUIPMENT



GP SERIES PORTABLE CHILLERS

AEC's GP Portable Chiller Series offer 20-210 kW (5-60 tons of refrigeration) and are available in air and water-cooled models. The GP Chiller Series also provides a leaving coolant temperature range of 20°F to 80°F (-7.5°C to 30°C), and offers the smallest footprint in the industry. This is AEC's first product line to utilize environmentally friendly R410a refrigerant.

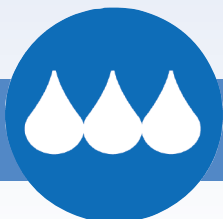


The magnetic connection on the controller interface allows it to be mounted anywhere on the unit. This allows the chiller to be placed anywhere on the process line for easy access to the controller.



STANDARD FEATURES

- Environmentally friendly, R410a refrigerant
- Branch motor circuit protection
- "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 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 for GP 20 to 50 models; shell-in-tube condensers for GP 70 to 210 models
- Variable speed fans standard on GP 70 to 210 models
- No tools necessary to access the mechanical cabinet
- 4" swivel casters with locks for GP 20 to 105 models; Mounting channel for GP 140 to 210 models
- Electronic hot gas bypass valve
- Non-fused disconnect switch with single point power connection
- NEMA 12 electrical enclosure
- 1 year compressor and labor warranty; 2 year parts warranty; 3 year limited controller warranty



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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 (2044)	99 (2515)
	GPWC	60.5 (1537)	60.5 (1537)	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.

Model		70	90	105	140	175	210
Compressor		Hermetic scroll with compressor staging					
Compressor HP (kW)		20 (15)	25 (18.7)	30 (22.4)	40 (30.0)	50 (37.3)	60 (45.0)
Evaporator		Stainless steel brazed plate					
Reservoir gal (l)		70 (265)			140 (530)		
Pump HP (kW)		5 (3.7)					
Height (in, mm)	GPAC	82 (2083)		100 (2540)			
	GPWC	79 (2007)					
	GPRC						
Depth (in, mm.)	GPAC	70 (1778)			105 (2667)		140 (3556)
	GPWC				105 (2667)		
	GPRC						
Width (in, mm.)		44 (1118)					
Weight lbs (kg)	GPAC	1420 (645)	1520 (690)	1900 (864)	2280 (1035)	2850 (1295)	3800 (1725)
	GPWC	1410 (640)	1510 (686)	1880 (855)	2210 (1005)	2790 (1268)	3630 (1650)
	GPRC	1420 (645)	1520 (690)	1900 (864)	2280 (1035)	2850 (1295)	3800 (1725)

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AEC is committed to a continuing program of product improvement. Specifications, appearances and dimensions are subject to change without notice.
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