STERLING

Food | Beverage | Pharmaceutical | Medical

Glycol Chillers

Technical Specifications

The GPL Packaged Chillers include all of the major chiller system components in one versatile and compact package with a to-process fluid temperature range of 20°F to 80°F (-6.7°C to 26.7°C). Available in models from 5 to 60 tons, the GPL products offer air-cooled and water-cooled designs to meet the needs of various manufacturing processes. The GPL chillers are especially suited for low temperature cooling of processes using a glycol mix. The broad range of available options allows each facility to tailor a solution to meet the unique needs of their particular operation.

Available Refrigerant Options for GPL Packaged Chillers

R-410A	Traditional
R-454B	Low GWP (Global Warming Potential)

Models

Tons	Air Cooled	Water Cooled
5	GPL05A	GPL05W
7.5	GPL07A	GPL07W
10	GPL10A	GPL10W
15	GPL15A	GPL15W
20	GPL20A	GPL20W
25	GPL25A	GPL25W
30	GPL30A	GPL30W
40	GPL40A	GPL40W
50	GPL50A	GPL50W
60	GPL60A	GPL60W

Features

- Scroll compressors
- Stainless steel copper-brazed plate evaporator
- Micro-channel condenser
- Powdered coated steel frame and panels
- NEMA 12 electrical enclosure
- Color touch screen for operators
- Advanced controller with built-in faults and alarm displays
- Multiple communications options
- Easy access to components allows for faster maintenance
- Audible/Visual alarm & Disconnect switch

Outdoor Chillers Available
GPL10A to GPL60A Models

Specifications

GPL (Air-Cooled) - Net Cooling Capacity in Tons by Leaving Fluid Temp (LFT)

Model Number	20°F LFT		30°F LFT		40°F LFT		50°F LFT	
	R-410A Tons	R-454B Tons	R-410A Tons	R-454B Tons	R-410A Tons	R-454B Tons	R-410A Tons	R-454B Tons
GPL05A	2.5	2.2	3.3	3.0	4.1	3.8	5.0	4.7
GPL07A	3.8	3.6	4.7	4.5	5.9	5.7	7.3	7.0
GPL10A	5.2	5.0	6.6	6.3	8.2	7.9	10.1	9.7
GPL15A	7.7	7.5	9.7	9.4	12.0	11.6	14.6	14.1
GPL20A	10.3	9.9	13.1	12.6	16.8	16.1	20.8	20.0
GPL25A	13.8	13.2	17.3	16.6	21.5	20.7	26.2	25.4
GPL30A	15.7	15.1	19.7	19.0	24.3	23.4	29.6	28.5
GPL40A	21.5	20.3	27.4	25.9	33.9	32.1	41.2	39.1
GPL50A	26.3	25.2	32.2	30.8	39.6	37.9	47.9	46.0
GPL60A	33.3	31.8	41.6	39.7	51.1	48.8	61.7	59.0

Net Cooling Capacity at 95°F ambient air temperature with standard pump (60 hz)

GPL (Air-Cooled) Physical Characteristics

Model Number	Dimensions in Inches			Shipping Wt.[1] Lbs	Pump hp	Power[2]
	Height	Width	Depth			FLA
GPL05A	77	43	43	550	1.5	12.1
GPL07A	77	43	43	725	2	18.6
GPL10A	87	47	54	775	2	22.4
GPL15A	87	47	54	975	3	30.6
GPL20A	87	47	94	1700	5	48.0
GPL25A	87	47	94	1775	5	52.7
GPL30A	87	47	94	2000	5	59.1
GPL40A	84	47	135	2650	5	76.1
GPL50A	84	47	135	2900	5	88.9
GPL60A	88	50	175	3350	5	113.1

1.) Shipping weight estimated, actual weight determined at time of shipment
2.) Full load amperage (FLA) @460/3/60 with standard pump

See more details in GPL Technical Specifications & Brochure