



Pump Station

Medium Temperature
Secondary Refrigeration Applications

Hussmann Pump Station Medium Temperature Secondary Refrigeration Applications

Pump Station

The Pump Station is a medium temperature secondary refrigeration system that uses water and a 30-35% propylene glycol mixture to cool the refrigeration loads. A central direct expansion system with a low HFC charge is used to cool the glycol mixture.

Rack Frames - Horizontal Receiver

Compressor Frame Size	Dimensions (L" x W" x H")	Weight (lbs)
2 Frame	58x39x78.5	2800
3 Frame	90x39x78.5	3630
4 Frame	125x39x78.5	4790
5 Frame	130x39x78.5	5730
6 Frame	142x39x78.5	6220
7 Frame	170x39x78.5	6770
8 Frame	192x39x78.5	7370
9 Frame	214x39x78.5	7970
10 Frame	236x39x78.5	8750

Rack Frames - Vertical Receiver

Compressor Frame Size	Dimensions (L" x W" x H")	Weight (lbs)
2 Frame	88x39x78.5	2800
3 Frame	120x39x78.5	3630
4 Frame	160x39x78.5	4790
5 Frame	160x39x78.5	5730
6 Frame	172x39x78.5	6220
7 Frame	200x39x78.5	6770
8 Frame	222x39x78.5	7370
9 Frame	244x39x78.5	7970
10 Frame	266x39x78.5	8750

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Compressor Frame Size	Dimensions (L" x W" x H")	Weight (lbs)*
150 GPM	82x44x80	2500
200 GPM	82x44x80	2500
250 GPM	82x44x80	3500
300 GPM	82x44x80	3500
350 GPM	82x44x80	3500
400 GPM	82x44x80	4000
450 GPM	82x44x80	4000

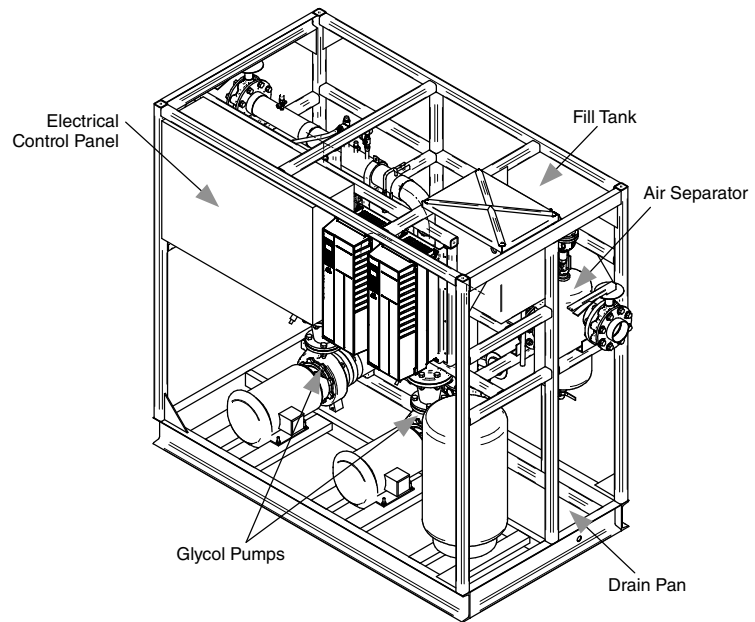
*While operating.

Standard Features and Benefits.

- Up to 70% lower refrigerant charge than a central direct expansion system.
- Up to 50% carbon footprint reduction.
- Leak rates as low as 10%.
- Up to 10% installed cost reduction.
- More cost-effective equipment sizing due to pumps on a separate assembly from the heat exchangers, which are mounted on the rack.
- Glycol pumps sized according to the flow rate.
- Heat exchangers can be sized independently by the loads.
- Control inputs match rack control brands.
- Accepts multiple brands of pumps and expansion valves.
- Increased reliability due to fewer components.
- Easy to install and service.

NOTE: We reserve the right to change or revise specifications and product design in connection with any feature of our products. Such changes do not entitle the buyer to corresponding changes, improvements, additions, or replacements for equipment previously sold or shipped.

For additional resources, contact your representative or visit www.hussmann.com.



Note

Use Hussmann's technical data sheets to get precise dimensions for all store layout purposes.

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