

Liquid Receiver Fact Sheet – Horizontal

Temprite adds to its line of liquid receivers with new Horizontal Liquid Receivers for small- to large-refrigerant systems. A Liquid Receiver is a storage tank for holding liquid refrigerant and is located after the condenser in a refrigeration system. A Liquid Receiver is an important part of any system because it ensures liquid refrigerant is entering the expansion device. Each Receiver has Inlet and Outlet connections and a threaded port for installation of an over-pressure safety relief device.

Temprite Liquid Receivers accommodate all refrigerants: carbon dioxide (CO₂); hydrocarbons (HCs), including ethane, isobutane, and propane; and ammonia (NH₃).

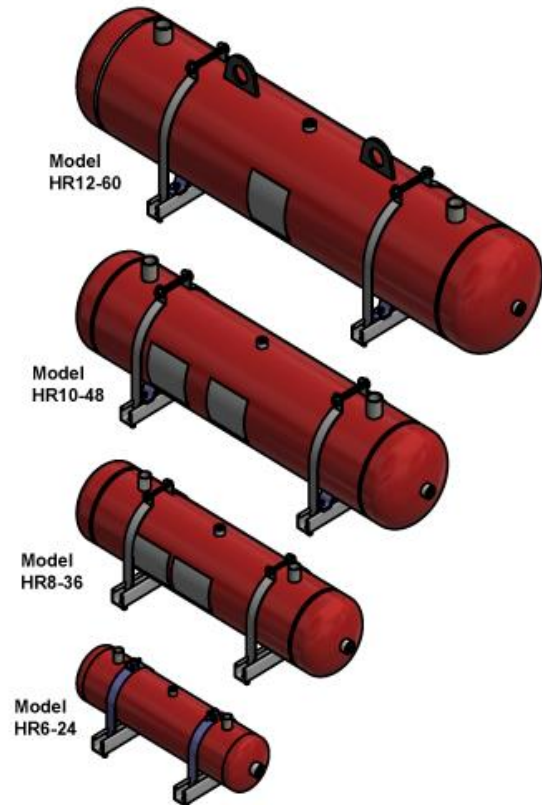
Maximum Working Pressure: 44.8 bar (650 PSI) HR6-24; All other sizes: 41.4 bar (600 PSI)				
Model	Pump Down Capacity			
	R22	R410A	R134a	R404A
HR6-24	10.2 kg 22.5 lb	9.0 kg 19.8 lb	10.4 kg 22.8 lb	8.9 kg 19.5 lb
HR8-36	31.0 kg 68.4 lb	27.2 kg 60.1 lb	31.5 kg 69.4 lb	26.9 kg 59.3 lb
HR10-48	64.8 kg 142.8 lb	56.9 kg 125.4 lb	65.7 kg 144.9 lb	56.2 kg 123.9 lb
HR12-60	112.5 kg 248.0 lb	99.1 kg 218.5 lb	114.1 kg 251.6 lb	97.9 kg 215.8 lb

All pump down capacities are calculated using 90% of receiver volume at 90 degrees F.

All horizontal receivers have adjustable and removable mounting bases. The bases have pre-punched holes for flexibility in locating and mounting the receiver. The Model HR12-60 also has (2) lifting lugs for easy placement (see graphics). Vertical liquid receivers are also available. All receivers are welded and have all-steel components.

Custom Liquid Receivers and options such as sight glasses and sensors are available for all models.

For more information, contact temprite@temprite.com or call 1.800.552.9300; outside the U.S.: 630.293.5910. Fax: 630.293.9594. Website www.temprite.com



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