

Liquid Receiver Fact Sheet

Temprite adds to its line of oil management products with new 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), ammonia (NH₃), and hydrocarbons (HCs), including ethane, isobutane, and propane.

The smallest unit, Model VR6-12, has a mounting stud. Fixed mounting feet are installed on Models VR8-16 through VR18-60. (See graphic below.) A horizontal receiver (Model HR10-36) is also available. All receivers are welded and have all-steel components.

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

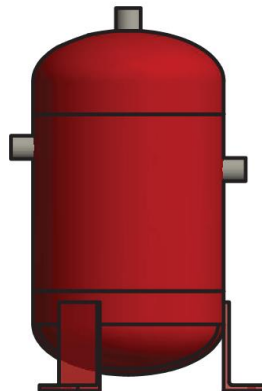
Maximum Working Pressure: 44.8 bar (650 PSI) VR6-12; All other sizes: 41.4 bar (600 PSI)				
	Pump Down Capacity			
Model	R22	R410A	R134A	R404A
VR6-12	4.34 kg 9.59 lb	4.49 kg 9.91 lb	4.41 kg 9.73 lb	4.30 kg 9.48 lb
VR8-16	11.75 kg 25.91 lb.	12.13 kg 26.76 lb	11.91kg 25.26 lb	11.61 kg 25.59 lb
VR10-20	23.74 kg 52.34 lb	24.52 kg 54.07 lb	24.09 kg 53.12 lb	23.47 kg 51.75 lb
VR12-24	41.20 kg 90.85 lb	42.56 kg 93.85 lb	41.82 kg 92.20 lb	40.79 kg 89.83 lb
VR14-36	75.16 kg 165.70 lb	77.64 kg 171.17 lb	76.29 kg 168.20 lb	74.29 kg 163.80 lb
VR16-48	141.22 kg 311.33 lb	145.87 kg 321.60 lb	143.35 kg 316.03 lb	139.59 kg 307.76 lb
VR18-60	217.72 kg 480.00 lb	244.90 kg 495.84 lb	220.99 kg 487.20 lb	215.23 kg 474.50 lb

Liquid Receiver with Mounting Stud



MODEL VR6-12

Liquid Receiver with Mounting Legs



MODELS VR8-16 – VR12-24

Large-Size Liquid Receivers



MODELS VR14-36 – VR18-60

For translations of this fact sheet, go to our website: [click here](#) or scan the QR code.

