

## Refrigeration Research Receivers:

These receivers are hydrogen brazed for cleanliness and pressure tested for reliability. A 430° F fusible plug is installed on all receivers. All valves are supplied with steel stem caps with copper gaskets and brass flare nuts and caps.



### VERTICAL MOUNT

Part #	*Pump down capacity	Diameter & Length Over end caps	Inlet	Outlet	Wt. lbs.
5774	2 LB	3 X 10	¼ SAE	¼ SAE VALVE	3
9028	2 LB	3 X 10	¼ ID SWEAT	¼ ID SWEAT VALVE	2
1920	2 LB	3 ½ X 7 ½	¼ SAE	¼ SEA VALVE	2.9
1917	3 LB	3 ½ X 10	¼ SAE	¼ SAE VALVE	3.5
9017	3 LB	3 ½ X 10	¼ ID SWEAT	¼ ID SWEAT VALVE	3.5
1921	4 LB	4 X 10	¼ SAE	¼ SAE VALVE	4.5
9021	4 LB	4 X 10	¼ ID SWEAT	¼ ID SWEAT VALVE	4.5
1918	6 LB	5 X 10	¼ SAE	¼ SAE VALVE	7.2
5315	6 LB	5 X 10	3/8 SAE	3/8 SAE VALVE	7.3
6848	6 LB	5 X 10	3/8 ID SWEAT	3/8 ID SWEAT VALVE	7.3
1911	10 LB	6 X 12	3/8 SAE	3/8 SAE VALVE	10.9
6801	10 LB	6 X 12	3/8 ID SWEAT	3/8 ID SWEAT VALVE	10.9
3212	16 LB	6 X 18	½ SAE	½ SAE VALVE	15.6
9027	16 LB	6 X 18	½ SAE SWEAT	½ ID SWEAT VALVE	15.6

\*90% AT 90° FOR R 22, R 134A AND R502, - FOR R 12 MULTIPLY BY 1.1 – FOR R402b and R404 MULTIPLY BY .09  
500psi Working Pressure

## Refrigeration Research Oil Separators

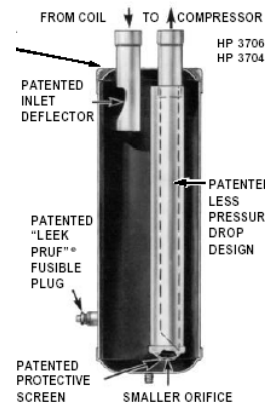
Oil separators for either single or multiple (parallel) Compressor systems. These oil separators contain An internal mechanical float to provide the return of oil to the crankcase of the compressor or the oil receiver.



Part #	Nom. Tons	Diam	Length	Disc Line	Oil Return	Capacity in tons of Refrigeration 0°F		
						R 12	R 22	R 502
8399	1	4	7 3/4	3/8	3/8	.9	1.3	1.3
8408	2	4	9 3/4	1/2	3/8	1.25	1.75	1.75
8409	4	4	14	5/8	3/8	3.5	5	5
8410	5	4	17	3/4	3/8	4.5	6	7
8411	8	6	12	7/8	3/8	7	9.5	10
8412	11	6	13 1/2	1 1/8	3/8	9	11.5	13
8413	14	6	15 1/2	1 3/8	3/8	10.5	13.5	17.5
8415	20	6	19	2 1/8	3/8	19.5	27.5	32.5

## Refrigeration Research Accumulators

Air conditioning, heat pump, truck refrigeration and many other applications require intermittent operation of the refrigeration compressor. In remote applications, the suction line may trap or hold quantities of liquid which are suddenly dumped into the compressor as it starts up. Proper installation of the suction accumulator in the suction line, just before the compressor, eliminates damage. Liquid is temporarily held in the suction accumulator and metered back to the compressor long with any oil, at a controlled rate, through the metering device.



### Vertical Mount

Part #	Diam.	Height	Conn. Size	Max. Ref. Holding Capacity lbs.			
				R12	R134a	R22	R404A
3701	4	6.63	5/8	2.4	2.2	2.9	1.9
3702	4	10.63	5/8	4.5	4.2	4.1	3.6
3703	4	10.63	3/4	5.2	4.5	4.1	3.7
3738	5	13.00	7/8	8.6	8.0	7.9	6.9
3700	6	15.00	1 1/8	14.2	13.1	12.9	11.4
3706	6	20.25	1 3/8	19.3	17.8	17.5	15.4

### Heat Pump Accumulators

#### Vertical Mount

HP 3701	4	6 5/8	5/8	2.4	2.2	2.1	1.9
HP 3702	4	10 5/8	5/8	4.5	4.2	4.1	3.6
HP 3703	4	10 5/8	3/4	4.4	4.1	4	
HP 3738	5	13	7/8	8.6	8.0	7.9	6.9
HP 3700	6	20 1/4	1 3/8	14.2	13.1	12.9	11.4

Larger sizes are available