



A COMPANY OF MUELLER INDUSTRIES

W
estermeyer
Industries Inc.

PRODUCT CATALOG

*COMPONENTS FOR THE REFRIGERATION
AND AIR CONDITIONING INDUSTRY*

(217) 754-3277

WESTERMEYERIND.COM

CUSTOMER DRIVEN | RESULTS ORIENTED

PRODUCT CATALOG

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COMPANY OVERVIEW

ABOUT US

AT WESTERMEYER INDUSTRIES, WE TAKE BUSINESS PERSONALLY

COMPANY HISTORY

In 2001, *Gary Westermeyer* set out on his own after spending many years in the manufacturing sector of the refrigeration and air conditioning industry, founding **Westermeyer Industries** in the garage of his rural home.

Today, **Westermeyer** products can be found in refrigerant systems around the world. The operation has grown from its humble beginnings to occupy more than *100,000 square feet* at our plant in **Bluffs, Illinois**.



CUSTOMER SERVICE CULTURE

From the very beginning, *Gary* wanted to build a company with *customer service* at the forefront, *doing anything and everything to meet the needs of the customer*. This guiding principle informs every aspect of our business as we continually strive to **treat people right** and **beat the competition to the finish line**.

*“Customer Driven,
Results Oriented”*

We’ve had to change a few things as we’ve expanded over the years, but that *core customer service ethic* has never wavered. In fact, *we would never have come this far without it*.

WHAT WE DO

WESTERMEYER INDUSTRIES DESIGNS, MANUFACTURES, AND DISTRIBUTES HIGH-QUALITY COMPONENTS AND ACCESSORIES FOR THE REFRIGERATION AND AIR CONDITIONING INDUSTRY.

ENGINEERING CAPABILITIES

At **Westermeyer Industries**, we strive to be *component and accessory problem-solvers*. This “can-do” attitude permeates all of our projects and is demonstrated through our commitment to engineering creativity and design ingenuity. Our goal is to *enhance product efficiencies* and *increase reliability*, so we are constantly looking for ways to improve existing products, along with the research and development of new designs.

CAPABILITIES INCLUDE*

- Refrigerants
 - Ammonia
 - Halocarbon
 - CO2
 - Common Synthetics
- Pressures
 - Sub-Critical
 - Trans-Critical
- Shell Size
 - 3” to 60” diameter

* This list is not comprehensive.
Contact us for more information on how we can assist you.

CERTIFICATIONS INCLUDE*

- ASME
 - U – R – NB
- UL 207
- CRN

WORKING WITH YOU

While our standard components will often meet your basic needs, we are fully equipped to *work with you* to develop a *unique solution*. Our engineering team offers **complete design services**, providing custom components to fit your system specifications.

We also offer a variety of *other specialized products* and services to assist you, from simple metal fabrication to more sophisticated requests like custom sub-assemblies or the kitting of parts to aid in quick assembly.

QUALITY FIRST

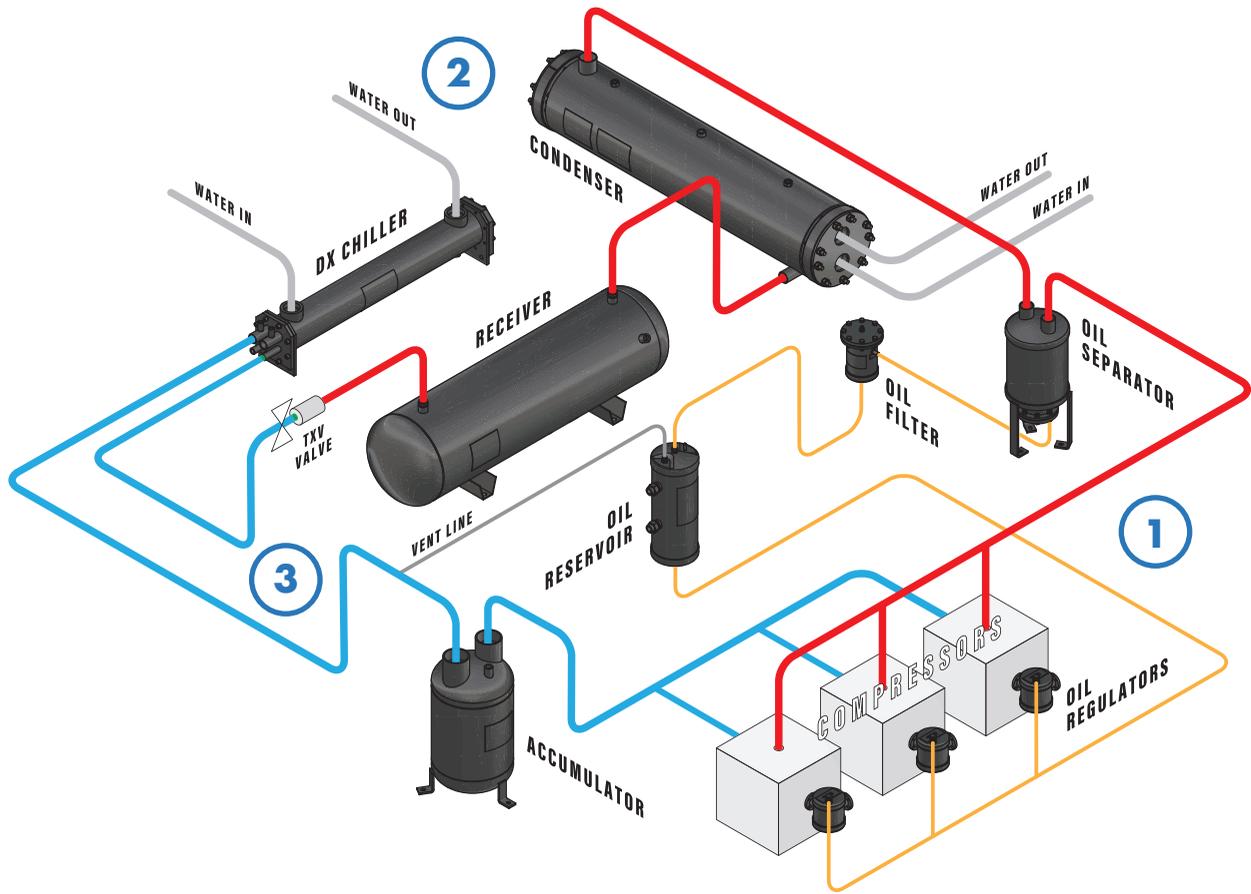
The entire **Westermeyer** product line is manufactured in accordance with industry standards. We subject our products to design verification with our *in-house testing system* where each product is pneumatically tested using nitrogen to validate product quality.

*For further information, **contact our Engineering Department.**

PRODUCT FAMILY

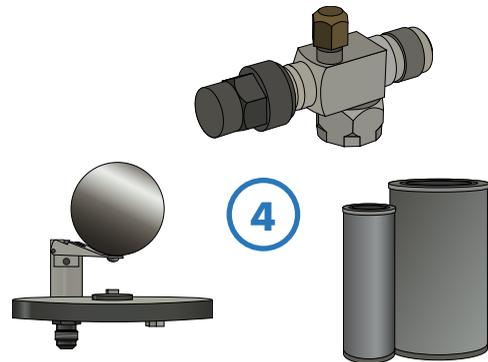
VAPOR-COMPRESSION REFRIGERATION

DIAGRAM OF A TYPICAL REFRIGERANT SYSTEM



LEGEND

- HIGH PRESSURE REFRIGERANT
- LOW PRESSURE REFRIGERANT
- WATER/COOLANT
- OIL



TOTAL SYSTEM SPECIALISTS

WESTERMEYER INDUSTRIES OFFERS A FULL PRODUCT LINE OF REFRIGERATION SYSTEM COMPONENTS AND ACCESSORIES WITH SUPPORT AND ENGINEERING SERVICES FOR CUSTOM SOLUTIONS

1 OIL MANAGEMENT | 8

Our oil management products are designed to effectively separate oil from refrigerant, filter out debris, and provide steady oil flow to the compressors.

2 HEAT EXCHANGE | 42

Heat exchange is the essential process of refrigeration: transferring heat in a process of compression, condensation, expansion, and evaporation to accomplish cooling. Our heat exchange products are designed to do this efficiently for a broad range of applications.

3 LIQUID MANAGEMENT | 58

Liquid Management components hold refrigerant fluid between stages of the system. This includes liquid receivers which hold excess refrigerant between the condenser and expansion device, and suction-line accumulators placed after the evaporator.

4 PARTS & ACCESSORIES | 100

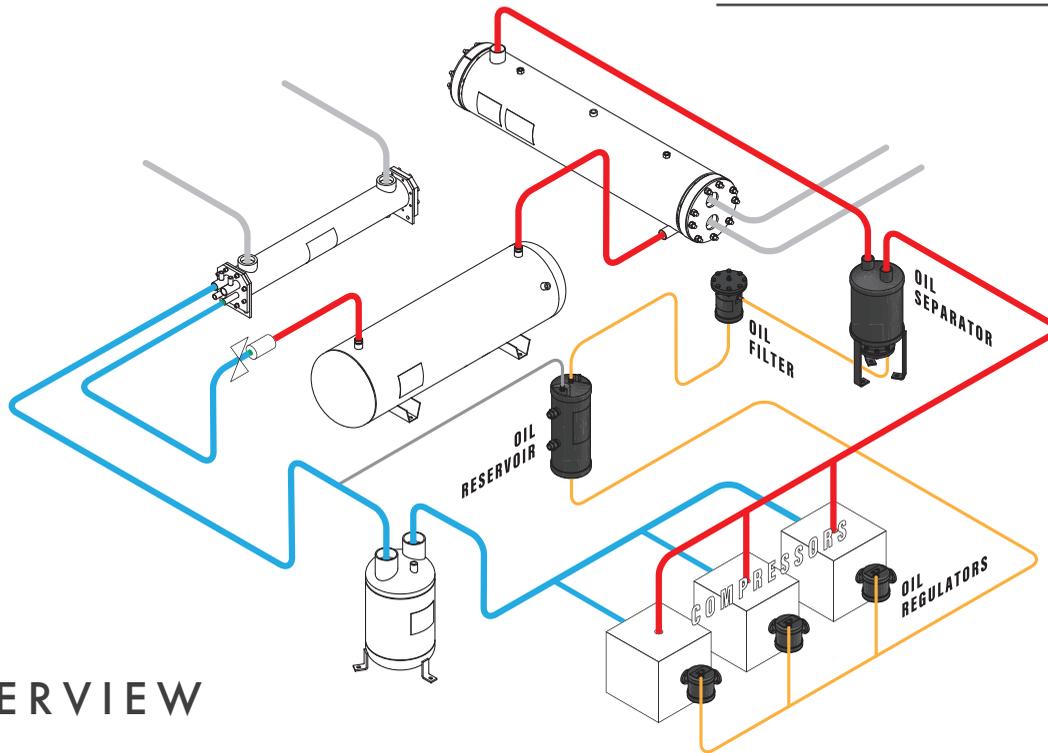
From detection components such as gauges and probes to essential replacement parts, we carry all of the accessories needed to round out a complete refrigerant system.

5 NATURAL REFRIGERANTS | 130

Westermeyer Industries manufactures a range of industrial-grade components. Many of these products are designed to utilize environmentally conscious natural refrigerant.



1 OIL MANAGEMENT



OVERVIEW

PROTECTING THE HEART OF YOUR REFRIGERANT SYSTEM

Compressors are the heart of any refrigerant system, and they must have consistent lubrication to ensure safe operation. Our line of oil management products are designed to effectively separate oil from refrigerant, filter out debris, and provide steady oil flow back to the compressors.

- 10 **OIL SEPARATORS**
- 30 **OIL RESERVOIRS**
- 36 **OIL REGULATORS**
- 38 **OIL FILTERS**

OIL SEPARATORS

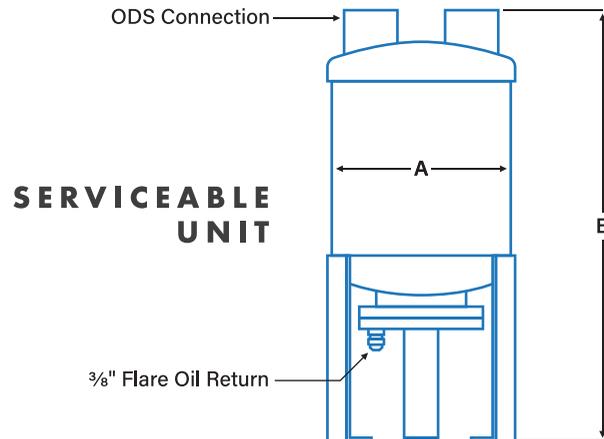
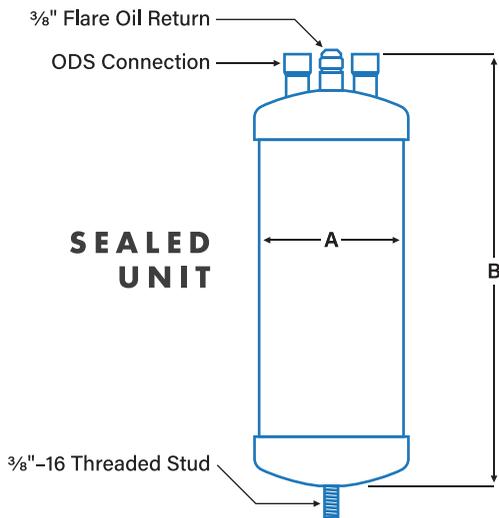
CONVENTIONAL OIL SEPARATORS

MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Our standard screen-style separators remove oil from refrigerant gas using three methods: velocity reduction, screen-filtering, and baffling. All separated oil is then returned to the compressor crankcase or reservoir by an internal oil float valve.



CONVENTIONAL OIL SEPARATORS

Catalog Number	ODS	Dimensions		Max. Capacity (Tons of Refrigeration)*						Pre-Charge	Min DCFM	Max DCFM	
		A	B	R134A		R22		R404A					
				-40°F	+40°F	-40°F	+40°F	-40°F	+40°F				
Sealed	OS4-02	¼"	4.00"	8.25"	0.50	0.75	0.75	1.00	0.75	1.00	15 oz	0.20	0.60
	OS4-03	⅜"	4.00"	8.25"	0.75	1.00	1.00	1.50	1.00	1.50	15 oz	0.26	0.80
	OS4-04	½"	4.00"	10.25"	1.00	1.50	1.50	2.00	1.50	2.00	15 oz	0.50	1.50
	OS4-05	⅝"	4.00"	14.25"	3.00	4.00	4.50	5.50	4.00	5.50	15 oz	1.50	5.00
	OS4-07	⅞"	4.00"	17.75"	4.50	5.50	7.00	8.00	6.50	8.50	15 oz	2.25	7.50
	OS4-11	1 ⅛"	4.00"	21.00"	6.00	7.50	9.00	10.50	8.50	11.00	15 oz	3.00	10.00
	OS4-13	1 ⅜"	4.00"	21.00"	8.00	9.50	10.50	13.50	10.50	14.00	15 oz	3.90	13.00
	OS6-11	1 ⅛"	6.00"	15.38"	6.00	7.50	9.00	10.50	8.50	11.00	40 oz	3.00	10.00
	OS6-13	1 ⅜"	6.00"	15.38"	8.00	9.50	10.50	13.50	10.50	14.00	40 oz	3.90	13.00
	OS6-15	1 ⅝"	6.00"	18.63"	11.00	13.00	16.00	18.00	15.00	19.00	40 oz	5.10	17.00
OS6-21	2 ⅛"	6.00"	18.63"	17.00	22.00	25.00	30.00	29.00	34.00	40 oz	6.00	20.00	
Serviceable*	W-1901	1 ⅝"	8.00"	21.00"	12.00	15.00	20.00	24.00	21.00	24.00	25 oz	5.10	17.00
	W-1902	2 ⅛"	8.00"	21.00"	20.00	25.00	30.00	35.00	34.00	39.00	25 oz	8.10	27.00
	W-1903	2 ⅝"	10.00"	21.5"	30.00	40.00	50.00	65.00	59.00	69.00	25 oz	15.00	50.00
	W-1904	3 ⅛"	12.80"	25.75"	50.00	60.00	75.00	90.00	79.00	99.00	25 oz	21.00	70.00

*All capacities shown based on 90% at 100°F condensing temperature.

W4300-38F replacement float assembly and gasket available for serviceable oil separators. See page 127 for more information.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with the nearest capacity to the system's load at the evaporating temperature.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

CONVENTIONAL OIL SEPARATORS

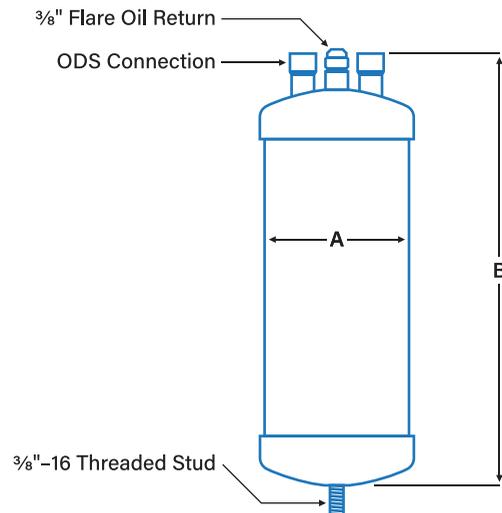
HIGH PRESSURE / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Our standard screen-style separators remove oil from refrigerant gas using three methods: velocity reduction, screen-filtering, and baffling. All separated oil is then returned to the compressor crankcase or reservoir by an internal oil float valve.

- Welded design for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish



CONVENTIONAL OIL SEPARATORS (HIGH PRESSURE)

Catalog Number	ODS	Dimensions		Max. Capacity* (Tons of Refrigeration) R410A at +40°F	Precharge
		A	B		
OSH4-02	¼"	4.00"	8.25"	2.50	15 oz
OSH4-03	⅜"	4.00"	8.25"	2.50	15 oz
OSH4-04	½"	4.00"	10.25"	3.00	15 oz
OSH4-05	⅝"	4.00"	14.25"	10.00	15 oz
OSH4-07	⅞"	4.00"	17.75"	16.00	15 oz
OSH4-11	1 ⅛"	4.00"	21.00"	21.00	15 oz
OSH4-13	1 ⅜"	4.00"	21.00"	23.00	15 oz
OSH6-11	1 ⅛"	6.00"	15.38"	25.00	40 oz
OSH6-13	1 ⅜"	6.00"	15.38"	27.00	40 oz
OSH6-15	1 ⅝"	6.00"	18.63"	35.00	40 oz

*All capacities shown based on 90% at 100°F condensing temperature.

See page 28 for oil separator sizing information.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with the nearest capacity to the system's load at the evaporating temperature.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

CENTRIFUGAL OIL SEPARATORS

MAXIMUM WORKING PRESSURE : 450 PSIG



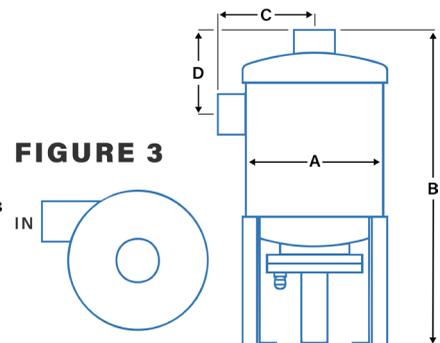
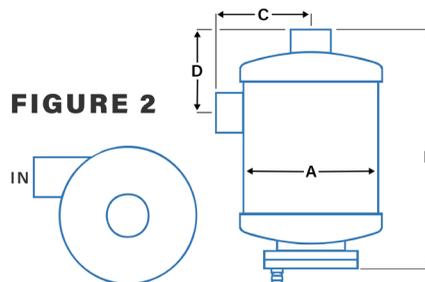
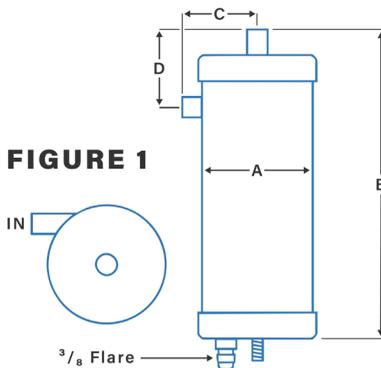
FEATURES

Centrifugal oil separators are designed to remove large quantities of oil at a wide range of operating capacities. Field tests have shown these oil separators are up to 99% effective—even in high oil loading conditions.

Both sealed and serviceable units are available. We recommend serviceable oil separators for use in supermarket and parallel compressor systems.

For screw compressor applications, an oil separator/reservoir without internal float must be used. Contact Westermeyer Industries for more information.

PATENT # 7,810,351 B2



CENTRIFUGAL OIL SEPARATORS

Catalog Number	ODS	Dimensions				Capacity (Tons of Refrigeration)*						Pre-Charge	Max DCFM	
		A	B	C	D	R134A		R22		R404A				
						-40°F	+40°F	-40°F	+40°F	-40°F	+40°F			
Figure 1	OS4-04C	½"	4.00"	13.00"	3.00"	3.50"	1	2	2	3	2	3	10 oz	1.50
	OS4-05C	⅝"	4.00"	15.00"	3.00"	3.50"	4	5	6	7	6	7	10 oz	5.00
	OS4-07C	⅞"	4.00"	17.00"	3.00"	4.00"	6	7	9	10	8	9	10 oz	7.50
	OS4-11C	1 ⅛"	4.00"	19.00"	3.00"	4.00"	8	10	12	13	11	12	10 oz	10.00
	OS6-13C	1 ⅜"	6.00"	15.00"	4.50"	5.00"	10	13	16	18	15	19	30 oz	13.00
	OS6-15C	1 ⅝"	6.00"	17.00"	4.50"	5.00"	15	17	20	23	19	24	30 oz	17.00
OS6-21C	2 ⅛"	6.00"	17.00"	5.00"	5.25"	23	27	32	38	30	39	30 oz	27.00	
Figure 2	OS4-05FA	⅝"	4.00"	15.00"	3.00"	3.50"	4	5	6	7	6	7	25 oz	5.00
	OS4-07FA	⅞"	4.00"	17.00"	3.00"	4.00"	6	7	9	10	8	9	25 oz	7.50
	OS4-11FA	1 ⅛"	4.00"	19.00"	3.00"	4.00"	8	10	12	13	11	12	25 oz	10.00
Figure 3	OS4-05FAL	⅝"	4.00"	25.63"	3.00"	3.50"	4	5	6	7	6	7	25 oz	5.00
	OS4-07FAL	⅞"	4.00"	27.48"	3.00"	4.00"	6	7	9	10	8	9	25 oz	7.50
	OS4-11FAL	1 ⅛"	4.00"	29.00"	3.00"	4.00"	8	10	10	13	11	12	25 oz	10.00
	OS6-13F	1 ⅜"	6.00"	22.00"	4.50"	5.00"	10	13	16	18	15	19	25 oz	12.00
	OS6-15F	1 ⅝"	6.00"	22.00"	4.50"	5.00"	15	17	20	23	19	24	25 oz	17.00
	OS6-21F	2 ⅛"	6.00"	22.38"	5.25"	5.88"	23	27	32	38	30	39	25 oz	27.00
	OS8-21	2 ⅛"	8.00"	34.00"	5.63"	6.00"	28	34	45	50	39	52	25 oz	38.00
	OS8-25	2 ⅝"	8.00"	23.50"	6.16"	6.00"	44	54	68	77	63	82	25 oz	55.00
	OS10-25	2 ⅝"	10.00"	27.00"	6.50"	6.50"	58	70	90	100	80	105	25 oz	76.00
	OS12-31	3 ⅛"	12.80"	30.00"	7.75"	9.00"	90	110	140	160	125	165	25 oz	118.00

*All capacities shown based on 90% at 100°F condensing temperature.

In varying-load applications, (ex. supermarkets) please refer to our online sizing tool for adjusted ratings.

W4300-38F replacement float assembly and gasket available for serviceable oil separators.

See page 127 for more information.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with a capacity closest to the system's load at evaporating temperature.

Minimum tonnage is 30% of the rated capacity. *For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.*

OIL SEPARATORS

CENTRIFUGAL OIL SEPARATORS

HIGH PRESSURE / MAXIMUM WORKING PRESSURE: 675 PSIG



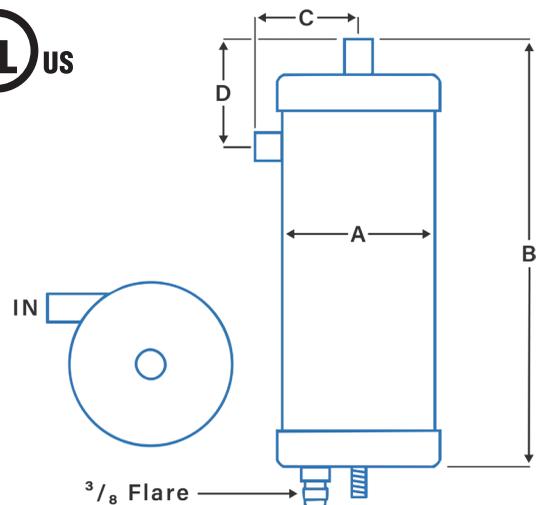
FEATURES

High pressure centrifugal oil separators are designed to remove large quantities of oil at a wide range of operating capacities. Field tests have shown these oil separators are up to 99% effective—even in high oil loading conditions.

For screw compressor applications, a high pressure oil separator/reservoir without internal float must be used. Contact Westermeyer Industries for more information.

- Welded design for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish

PATENT # 7,810,351 B2



CENTRIFUGAL OIL SEPARATORS (HIGH PRESSURE)

Catalog Number	ODS	Dimensions				Capacity* (Tons of Refrigeration) R454B at +40°F	Max DCFM	Pre-charge
		A	B	C	D			
OSH4-04C	½"	4.00"	13.00"	3.00"	3.50"	2	1.50	10 oz
OSH4-05C	⅝"	4.00"	15.00"	3.00"	3.50"	9	5.00	10 oz
OSH4-07C	⅞"	4.00"	17.00"	3.00"	4.00"	14	7.50	10 oz
OSH4-11C	1 ⅛"	4.00"	19.00"	3.00"	4.00"	19	10.00	10 oz
OSH4-13C	1 ⅜"	4.00"	19.00"	3.25"	4.00"	21	11.00	10 oz
OSH6-13C	1 ⅜"	6.00"	15.00"	4.50"	5.00"	25	13.00	30 oz
OSH6-15C	1 ⅝"	6.00"	17.00"	4.50"	5.00"	32	17.00	30 oz

*All capacities shown based on 90% at 100°F condensing temperature.

In varying-load applications, (ex. supermarkets) please refer to our online sizing tool for adjusted ratings.

See page 28 for oil separator sizing information.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with a capacity closest to the system's load at evaporating temperature. Minimum tonnage is 30% of the rated capacity.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

CENTRIFUGAL OIL SEPARATOR/RESERVOIRS

MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

This product is designed to remove large quantities of oil at a wide range of operating capacities. Field tests have shown these oil separators to be up to 99% effective—even in high oil loading conditions.

The separator and reservoir are divided by an internal baffle to protect reserved oil from the turbulent action of the separator. Two sight glasses provide visual indication of the oil level. A 3/8" flare Rotolock valve is included for installation of the oil return port.

PATENT # 7,810,351 B2



FIGURE 1

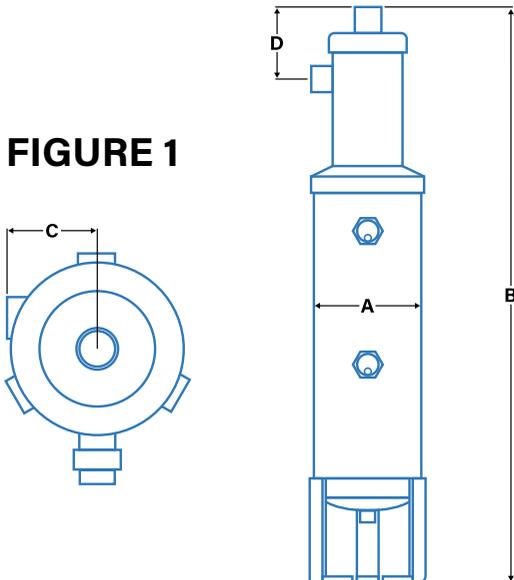
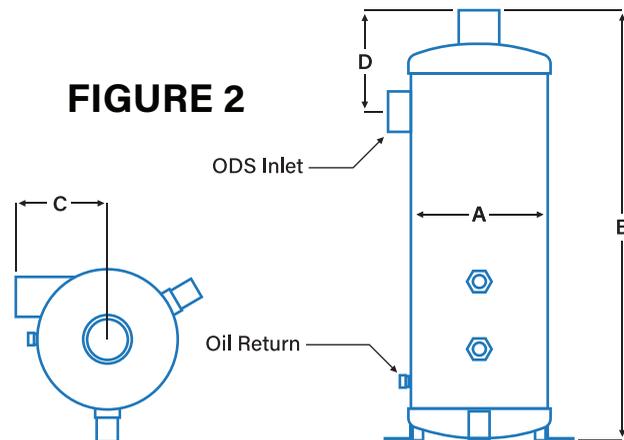


FIGURE 2



CENTRIFUGAL OIL SEPARATOR/RESERVOIRS

Catalog Number	ODS	Dimensions				Capacity (Tons of Refrigeration)*						Max DCFM	Oil Capacity (Gallons)	
		A	B	C	D	R134A		R22		R404A				
						-40°F	+40°F	-40°F	+40°F	-40°F	+40°F			
Figure 1	OS4-04RES	½"	4.00"	32.63"	2.63"	3.00"	1.00	1.25	1.50	1.75	1.50	2.00	1.50	2.00
	OS4-05RES	⅝"	4.00"	33.00"	3.15"	4.00"	3.50	4.00	5.25	6.00	5.00	6.00	5.00	2.00
	OS4-07RES	⅞"	4.00"	33.00"	3.00"	4.00"	6.00	7.00	9.00	10.00	8.00	9.00	7.50	2.00
	OS4-11RES	1 ⅛"	4.00"	33.00"	4.00"	4.00"	8.00	10.00	12.00	13.00	11.00	12.00	10.00	2.00
Figure 2	OS6-13RES	1 ¾"	6.00"	32.63"	4.38"	5.00"	10.00	13.00	16.00	18.00	15.00	19.00	13.00	1.50
	OS6-15RES	1 ⅝"	6.00"	33.50"	4.50"	5.00"	15.00	17.00	20.00	23.00	19.00	24.00	17.00	1.50
	OS6-21RES	2 ⅛"	6.00"	33.50"	5.25"	5.90"	23.00	27.00	32.00	38.00	30.00	39.00	27.00	1.50
	OS8-21RES	2 ⅛"	8.00"	25.50"	5.41"	6.00"	28.00	34.00	45.00	50.00	39.00	52.00	38.00	2.00
	OS8-25RES	2 ⅝"	8.00"	25.50"	6.16"	6.00"	44.00	54.00	68.00	77.00	63.00	82.00	55.00	2.50
	OS10-25RES	2 ⅝"	10.00"	30.00"	6.34"	6.50"	58.00	70.00	90.00	100.00	80.00	105.00	76.00	2.50
	OS10-31RES	3 ⅛"	10.00"	30.00"	7.50"	6.50"	90.00	110.00	140.00	160.00	125.00	90.00	90.00	2.50
	OS12-31RES	3 ⅛"	12.00"	30.00"	7.75"	9.00"	90.00	110.00	140.00	160.00	125.00	165.00	118.00	4.00

*All capacities shown based on 90% at 100°F condensing temperature.

In varying-load applications, (ex. supermarkets) please refer to our online sizing tool for adjusted ratings.

Note: These oil separators must be used with an oil pressure reducing valve. The oil pressure will be the same as discharge pressure.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with a capacity closest to the system's load at evaporating temperature. Minimum tonnage is 30% of the rated capacity.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

CENTRIFUGAL OIL SEPARATOR/RESERVOIRS

HIGH PRESSURE | MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

This product is designed to remove large quantities of oil at a wide range of operating capacities. Field tests have shown these oil separators to be up to 99% effective—even in high oil loading conditions.

The separator and reservoir are divided by an internal baffle to protect reserved oil from the turbulent action of the separator. Two sight glasses provide visual indication of the oil level. A 3/8" flare Rotolock valve is included for installation of the oil return port.

PATENT # 7,810,351 B2



FIGURE 1

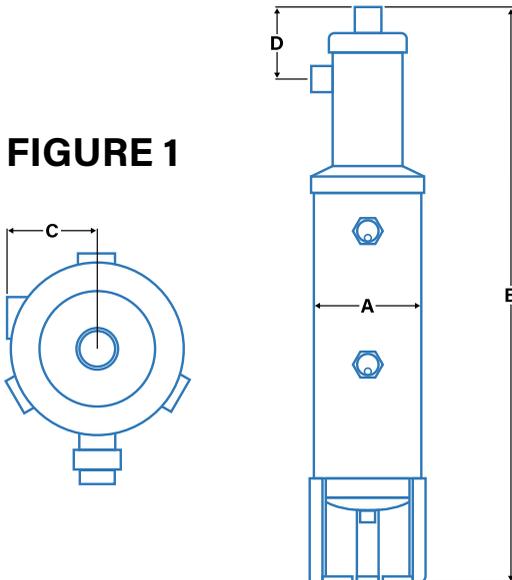
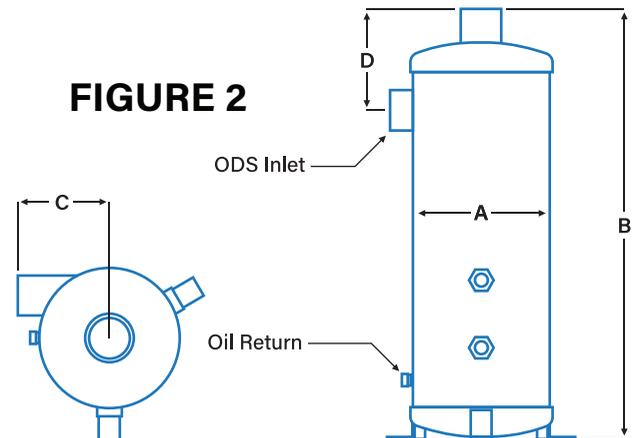


FIGURE 2



CENTRIFUGAL OIL SEPARATOR/RESERVOIRS (HIGH PRESSURE)

Catalog Number	ODS	Dimensions				Capacity* (Tons of refrigeration) R410A at +40°F	Max DCFm	Oil Capacity (Gallons)	
		A	B	C	D				
Figure 1	OSH4-04RES	½"	4.00"	32.50"	3.15"	3.50"	3.00	1.50	2.00
	OSH4-05RES	⅝"	4.00"	33.00"	3.15"	4.00"	10.00	5.00	2.00
	OSH4-07RES	⅞"	4.00"	33.00"	3.00"	4.00"	16.00	7.50	2.00
	OSH4-11RES	1 ⅛"	4.00"	33.00"	3.00"	4.00"	21.00	10.00	2.00
	OSH4-13RES	1 ⅜"	4.00"	33.00"	3.38"	4.00"	23.00	11.00	2.00
Figure 2	OSH6-13RES	1 ⅜"	6.00"	33.50"	4.38"	5.00"	27.00	13.00	1.50
	OSH6-15RES	1 ⅝"	6.00"	33.50"	4.50"	5.00"	35.00	17.00	1.50
	OSH6-21RES	2 ⅛"	6.00"	33.50"	5.25"	5.90"	56.00	27.00	1.50
	OSH8-21RES	2 ⅛"	8.00"	25.50"	5.41"	6.00"	79.00	38.00	2.00
	OSH10-25RES	2 ⅝"	10.00"	30.00"	6.34"	6.50"	158.00	76.00	2.50
	OSH12-31RES	3 ⅛"	12.75"	30.00"	7.75"	9.00"	245.00	118.00	4.00

*All capacities shown based on 90% at 100°F condensing temperature.

In varying-load applications, (ex. supermarkets) please refer to our online sizing tool for adjusted ratings.

Note: These oil separators must be used with an oil pressure reducing valve. The oil pressure will be the same as discharge pressure.

HOW TO CHOOSE

Select an oil separator based on the system's tonnage (compressor BTUs) under normal operating conditions. Choose an oil separator with a capacity closest to the system's load at evaporating temperature. Minimum tonnage is 30% of the rated capacity.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

COALESCING OIL SEPARATORS

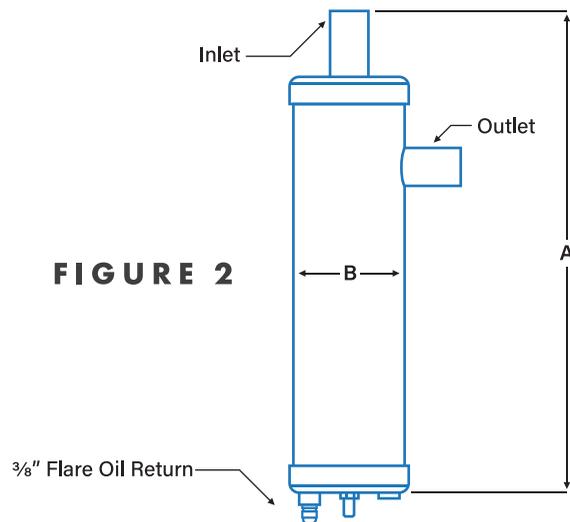
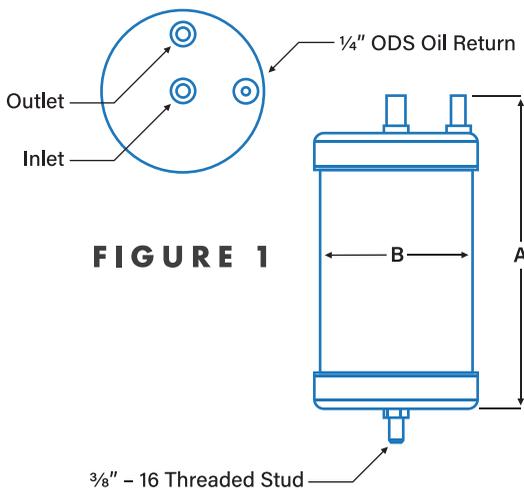
SEALED / MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.5% effective at removing oil particles and system contaminants above 0.3 microns in size. It is recommended that the oil separator be changed when the pressure differential exceeds 15 psig.

See page 114 for the RDP-01 Differential Pressure Gauge.



COALESCING OIL SEPARATORS (SEALED)

Catalog Number	Listing	ODS	Dimensions		Min DCFM	Max DCFM	Precharge	
			A	B				
Figure 1	COS4-03(-1)*	UL	3/8"	8.25"	4.00"	0.60	6.00	15 oz
	COS4-04	UL	1/2"	8.38"	4.00"	0.60	6.00	15 oz
	COS4-05	UL	5/8"	10.56"	4.00"	1.00	10.00	15 oz
	COS4-07	UL	7/8"	10.88"	4.00"	1.00	10.00	15 oz
Figure 2	COS4-11	UL	1 1/8"	15.37"	4.00"	2.50	25.00	10 oz
	COS4-13	UL	1 3/8"	17.38"	4.00"	2.50	25.00	10 oz

*COS4-03 also available with angled ODS oil return.
(ex. COS4-03 for straight connection, COS4-03-1 for angled connection)

HOW TO CHOOSE

To correctly select the size of oil separator for your application, use the sizing chart on page 28, which is based on nominal evaporating and condensing temperatures.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

COALESCING OIL SEPARATORS

SERVICEABLE / MAXIMUM WORKING PRESSURE : 450 PSIG

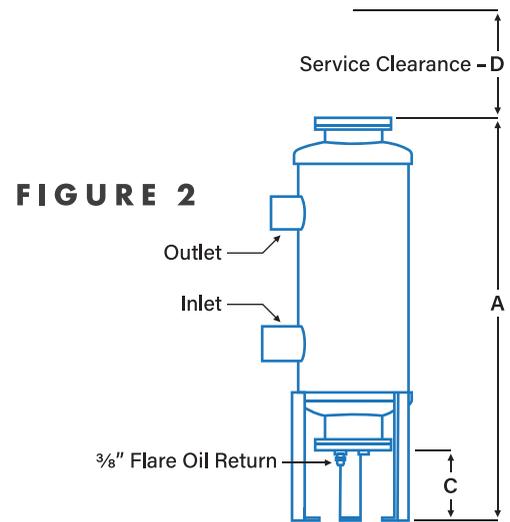
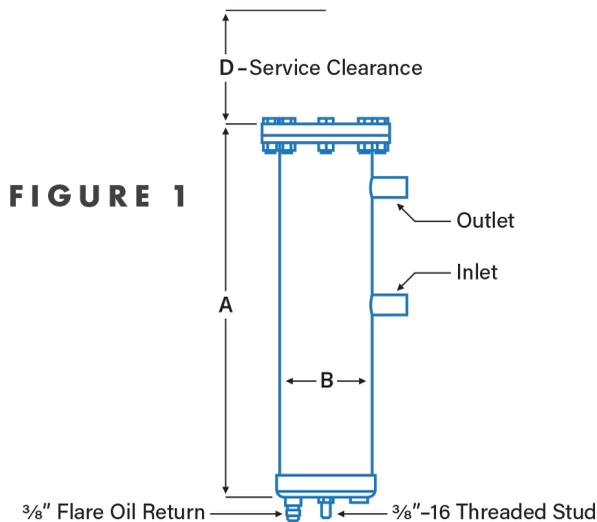


FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.5% effective at removing oil particles and system contaminants above 0.3 microns in size.

The filter is removable through the top flange assembly. Our flange/cover plate arrangement is easy to remove, eliminating the need for additional clearance during installation.

It is recommended that the filter be replaced when the pressure differential exceeds 15 psig. (See page 114 for the RDP-01 Differential Pressure Gauge.)



COALESCING OIL SEPARATORS (SERVICEABLE)

Catalog Number	Listing	ODS	Dimensions				Min DCFM	Max DCFM	Repl. Filter**	Pre-charge	
			A	B	C	D					
Figure 1	COS4-05F	UL	5/8"	16.25"	4.00"	N/A	6.00"	1.00	10.00	90-050K	16 oz
	COS4-07F	UL	7/8"	16.25"	4.00"	N/A	6.00"	1.00	10.00	90-050K	16 oz
	COS4-11F	UL	1 1/8"	20.63"	4.00"	N/A	10.00"	1.50	25.00	90-051K	16 oz
	COS4-13F	UL	1 3/8"	20.63"	4.00"	N/A	10.00"	1.50	25.00	90-051K	16 oz
Figure 2	OS6-13FC*	UL	1 3/8"	29.00"	6.00"	5.00"	15.00"	1.40	30.00	90-016K	25 oz
	OS6-15FC*	UL	1 5/8"	29.00"	6.00"	5.00"	15.00"	1.40	30.00	90-016K	25 oz
	OS6-21FC*	UL	2 1/8"	29.00"	6.00"	5.00"	15.00"	1.40	30.00	90-016K	25 oz
	W-1902C*	UL	2 1/8"	32.00"	8.00"	5.00"	17.00"	1.40	30.00	90-016K	25 oz
	W-1903C-A*	UL	2 5/8"	38.00"	10.00"	5.00"	21.00"	4.00	50.00	90-020K	25 oz
	OS12-31C*	ASME	3 1/8"	49.00"	12.75"	4.00"	12.00"	7.00	70.00	90-021K	25 oz
	OS14-31C*	ASME	3 1/8"	56.00"	14.00"	4.00"	14.00"	10.00	100.00	90-019K	25 oz
	OS12-41C*	ASME	4 1/8"	50.00"	12.75"	13.00"	14.00"	17.00	170.00	90-040K	25 oz

*W4300-38F replacement float assembly and gasket available for serviceable oil separators.

See page 127 for more information.

**See page 124 for more information on replacement filters.

HOW TO CHOOSE

To correctly select the size of oil separator for your application, use the sizing chart on page 28, which is based on nominal evaporating and condensing temperatures.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

OIL SEPARATORS

COALESCING OIL SEPARATOR/RESERVOIRS

MAXIMUM WORKING PRESSURE : 450 PSIG

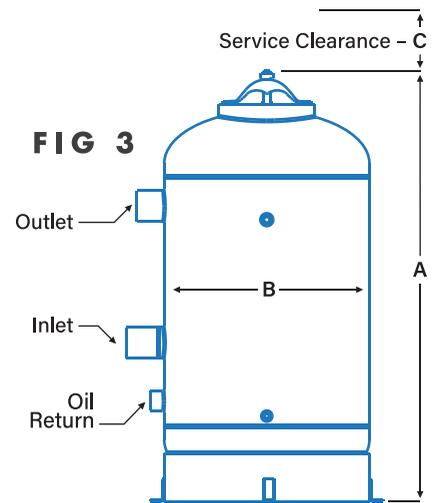
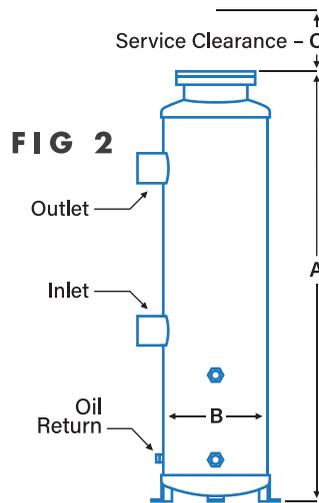
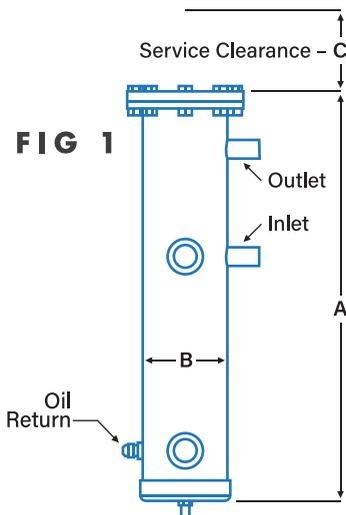


FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.5% effective at removing oil particles and system contaminants above 0.3 microns in size.

The filter is removable through the top flange assembly. Our flange/cover plate arrangement is easy to remove, eliminating the need for additional clearance during installation.

It is recommended that the filter be replaced when the pressure differential exceeds 15 psig. See page 114 for the RDP-01 Differential Pressure Gauge.



COALESCING OIL SEPARATOR/RESERVOIRS

	Catalog Number	Listing	In/Out ODS	Oil Return	Dimensions			Min DCFM	Max DCFM	Replacement Filter(s)*	Oil Cap.
					A	B	C				
Figure 1	COS4-05FR	UL	5/8"	3/8" Flare	19.50"	4.00"	6.00"	1.00	10.00	90-050K	0.60 gal
	COS4-07FR	UL	7/8"	3/8" Flare	19.50"	4.00"	6.00"	1.00	10.00	90-050K	0.60 gal
	COS4-11FR	UL	1 1/8"	3/8" Flare	28.63"	4.00"	10.00"	2.50	25.00	90-051K	0.85 gal
	COS4-13FR	UL	1 3/8"	3/8" Flare	28.63"	4.00"	10.00"	2.50	25.00	90-051K	0.85 gal
Figure 2	OS6-13FCR	UL	1 3/8"	3/4" Roto.	34.00"	6.00"	15.00"	1.40	30.00	90-016K	2.00 gal
	OS6-15FCR	UL	1 5/8"	3/4" Roto.	34.00"	6.00"	15.00"	1.40	30.00	90-016K	2.00 gal
	OS6-21FCR	UL	2 1/8"	3/4" Roto.	34.00"	6.00"	15.00"	1.40	30.00	90-016K	2.00 gal
	W-1902CR	UL	2 1/8"	3/4" Roto.	30.00"	8.00"	17.00"	1.40	30.00	90-016K	2.00 gal
	W-1903CR-A	UL	2 5/8"	3/4" Roto.	41.00"	10.00"	21.00"	4.00	50.00	90-020K	3.50 gal
	OS12-31CR	ASME	3 1/8"	3/4" Roto.	41.00"	12.75"	12.00"	7.00	70.00	90-021K	5.00 gal
	OS14-31CR	ASME	3 1/8"	3/4" Roto.	46.00"	14.00"	14.00"	10.00	100.00	90-019K	5.00 gal
	OS12-41CR	ASME	4 1/8"	3/4" Roto.	40.50"	12.75"	14.00"	17.00	170.00	90-040K	5.00 gal
Figure 3	OS20-41CR	ASME	4 1/8"	2.13" ODS	60.00"	20.00"	15.00"	50.00	250.00	90-066K	20.00 gal
	OS26-51CR	ASME	5 1/8"	2.63" ODS	60.00"	26.00"	15.00"	68.00	340.00	90-040M26K**	35.00 gal
	OS30-61CR	ASME	6 1/8"	3.13" ODS	63.00"	30.00"	15.00"	100.00	500.00	90-066M30K**	50.00 gal

*See page 124 for more information on replacement filters.

**Requires 2 filter kits per unit.

HOW TO CHOOSE

To correctly select the size of oil separator for your application, use the sizing chart on page 28, which is based on nominal evaporating and condensing temperatures.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

DCFM SIZING CHART

OIL SEPARATOR DISCHARGE CFM SIZING CHART

EXAMPLE OF USE

Find the DCFM value for the refrigerant being used at the appropriate evaporating and condensing temperature. Then, multiply this value by the system tonnage at the operating conditions. Use this value to select an oil separator with the nearest maximum DCFM value to the calculated DCFM.

Example: R134A, 20 Tons at 20°F/110°F = 1.02 DCFM
Total DCFM = 20 tons x 1.02 DCFM = 20.40

For refrigerants and conditions not listed, see our sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

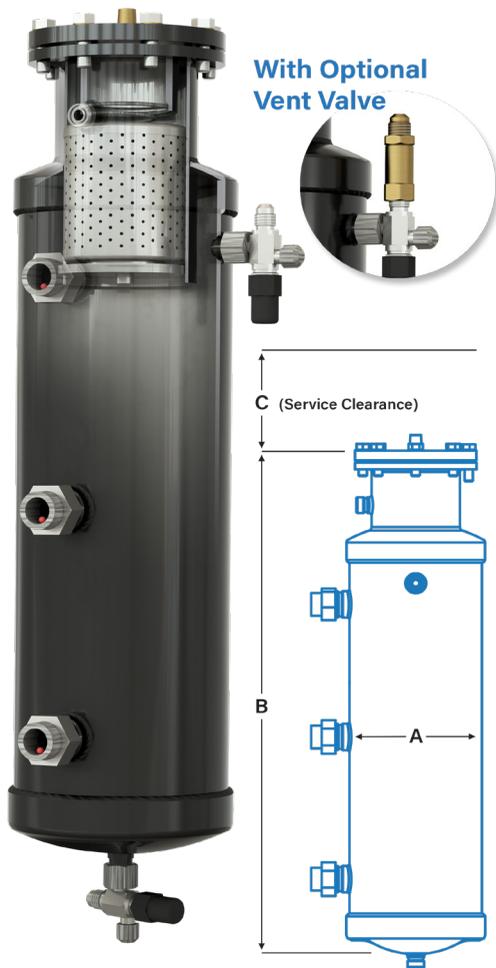
OIL SEPARATOR DISCHARGE CFM SIZING CHART

Refrigerant	Condensing Temp.	Evaporating Temperature								
		-40°F	-30°F	-20°F	-10°F	0°F	10°F	20°F	30°F	40°F
R134A	80°F	1.60	1.56	1.52	1.48	1.45	1.42	1.39	1.36	1.33
	90°F	1.44	1.40	1.37	1.33	1.30	1.27	1.24	1.22	1.19
	100°F	1.31	1.27	1.24	1.21	1.17	1.15	1.12	1.09	1.07
	110°F	1.20	1.17	1.13	1.10	1.07	1.04	1.02	0.99	0.97
	120°F	1.11	1.08	1.04	1.01	0.98	0.95	0.93	0.91	0.88
R22	80°F	1.03	1.01	1.00	0.98	0.97	0.96	0.94	0.93	0.92
	90°F	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83
	100°F	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75
	110°F	0.77	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.68
	120°F	0.71	0.69	0.68	0.67	0.65	0.64	0.63	0.62	0.61
R404A	80°F	1.02	1.00	0.96	0.94	0.92	0.89	0.87	0.85	0.83
	90°F	0.95	0.92	0.89	0.86	0.84	0.81	0.80	0.78	0.76
	100°F	0.88	0.85	0.81	0.79	0.76	0.74	0.72	0.70	0.68
	110°F	0.83	0.80	0.77	0.74	0.71	0.69	0.67	0.65	0.63
	120°F	0.77	0.75	0.71	0.68	0.66	0.63	0.61	0.59	0.58
R410A	80°F	-	-	-	-	0.62	0.62	0.61	0.60	0.60
	90°F	-	-	-	-	0.56	0.55	0.55	0.54	0.53
	100°F	-	-	-	-	0.50	0.50	0.49	0.49	0.48
	110°F	-	-	-	-	0.46	0.45	0.44	0.44	0.43
	120°F	-	-	-	-	0.42	0.41	0.40	0.40	0.39

OIL RESERVOIRS

OIL RESERVOIRS WITH INTEGRATED FILTER

MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Oil reservoirs are designed to hold excess oil from varying system loads and frost cycles in parallel compressor systems. For proper oil pressure, install the oil reservoir between the oil separator and oil regulators with a **vent valve** on the $\frac{3}{8}$ " flare connection.

- Two $\frac{3}{8}$ " flare swivel valves
- Sight glasses for easy viewing
- Welded and brazed design for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish
- PATENT #11,666,839



OIL RESERVOIRS

Catalog Number	Dimensions			Capacity* (Gallons)	No. of Glasses	Connection Type**	Valve Model	
	A	B	C					
FL Series	OR6-2-FL	6.00"	25.75"	7.00"	2	2	3/8" Flare	50-002
	OR6-3-FL	6.00"	34.75"	7.00"	3	2	3/8" Flare	
	OR6-3-FLA	6.00"	34.75"	7.00"	3	3	3/8" Flare	
	OR6-4-FL	6.00"	43.75"	7.00"	4	3	3/8" Flare	
FS Series	OR6-2-FS	6.00"	25.75"	7.00"	2	2	3/8" ODS	50-013
	OR6-3-FS	6.00"	34.75"	7.00"	3	2	3/8" ODS	
	OR6-3-FSA	6.00"	34.75"	7.00"	3	3	3/8" ODS	
	OR6-4-FS	6.00"	43.75"	7.00"	4	3	3/8" ODS	

*All capacities calculated at 90%.

**Vent valve port supplied with 3/8" connection on all models

HOW TO CHOOSE

Selection of the oil reservoir is a matter of individual preference.

- Up to 4 compressors: 2 gallon reservoir
- 4 to 6 compressors: 3 gallon reservoir
- 6+ compressors: 4 gallon reservoir

These are general guidelines and should be verified by the system's manufacturer or engineer. *For systems with extremely long line runs, it is always best to use the 4 gallon model.*

OIL RESERVOIRS

OIL RESERVOIRS

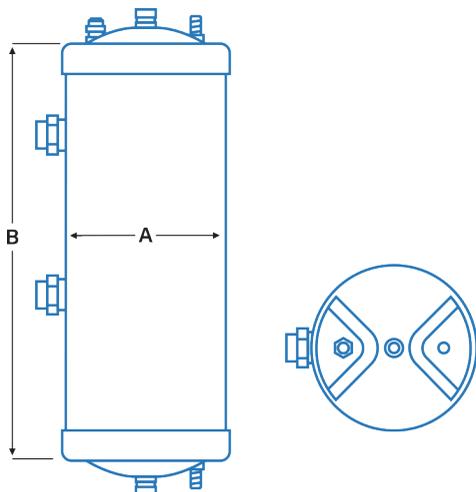
HIGH PRESSURE / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Oil reservoirs are designed to hold excess oil from varying system loads and frost cycles in parallel compressor systems. For proper oil pressure, install the oil reservoir between the oil separator and oil regulators with a **vent valve** on the $\frac{3}{8}$ " flare connection.

- Two $\frac{3}{8}$ " flare swivel valves
- Sight glasses for easy viewing
- Welded and brazed design for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish



OIL RESERVOIRS (HIGH PRESSURE)

Catalog Number	Dimensions		Capacity* (Gallons)	No. of Glasses
	A	B		
OR6-2	6.00"	15.50"	2	2
OR6-3	6.00"	24.50"	3	2
OR6-4	6.00"	33.50"	4	3

*All capacities calculated at 90%.

HOW TO CHOOSE

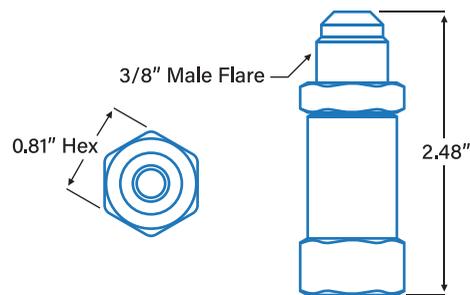
Selection of the oil reservoir is a matter of individual preference.

- Up to 4 compressors: 2 gallon reservoir
- 4 to 6 compressors: 3 gallon reservoir
- 6+ compressors: 4 gallon reservoir

These are general guidelines and should be verified by the system's manufacturer or engineer. *For systems with extremely long line runs, it is always best to use the 4 gallon model.*

VENT VALVES

The oil vent valve is used to maintain a positive pressure differential between the oil reservoir and the compressor. This ensures that there is an adequate supply of oil to the oil regulators.



The inlet of the valve should be connected directly to the 3/8" flare connection on top of the oil reservoir and the outlet should be piped to suction.

- SAE Flare connections
- 700 PSI maximum working pressure

Catalog Number	Pressure Setting
VV-10	10 lbs
VV-20	20 lbs
VV-30	30 lbs

OIL RESERVOIRS

OIL RESERVOIRS

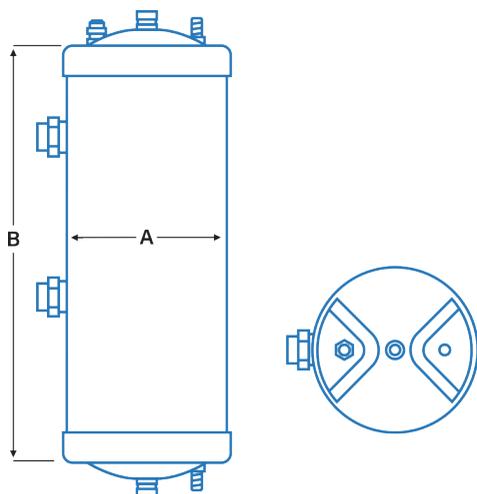
HIGH PRESSURE / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Oil reservoirs are designed to hold excess oil from varying system loads and frost cycles in parallel compressor systems. For proper oil pressure, install the oil reservoir between the oil separator and oil regulators with a **vent valve** on the $\frac{3}{8}$ " flare connection.

- Two $\frac{3}{8}$ " flare swivel valves
- Sight glasses for easy viewing
- Welded and brazed design for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish



OIL RESERVOIRS (HIGH PRESSURE)

Catalog Number	Dimensions		Capacity* (Gallons)	No. of Glasses
	A	B		
ORH6-2	6.00"	15.50"	2	2
ORH6-3	6.00"	24.50"	3	2
ORH6-4	6.00"	33.50"	4	3

*All capacities calculated at 90%.

HOW TO CHOOSE

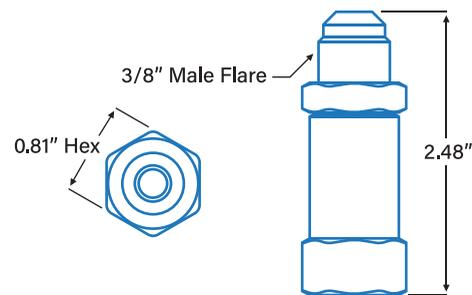
Selection of the oil reservoir is a matter of individual preference.

- Up to 4 compressors: 2 gallon reservoir
- 4 to 6 compressors: 3 gallon reservoir
- 6+ compressors: 4 gallon reservoir

These are general guidelines and should be verified by the system's manufacturer or engineer. *For systems with extremely long line runs, it is always best to use the 4 gallon model.*

VENT VALVES

The oil vent valve is used to maintain a positive pressure differential between the oil reservoir and the compressor. This ensures that there is an adequate supply of oil to the oil regulators.



The inlet of the valve should be connected directly to the 3/8" flare connection on top of the oil reservoir and the outlet should be piped to suction.

- SAE Flare connections
- 700 PSI maximum working pressure

Catalog Number	Pressure Setting
VV-10	10 lbs
VV-20	20 lbs
VV-30	30 lbs

OIL REGULATORS

UNIVERSAL FLANGE OIL REGULATORS

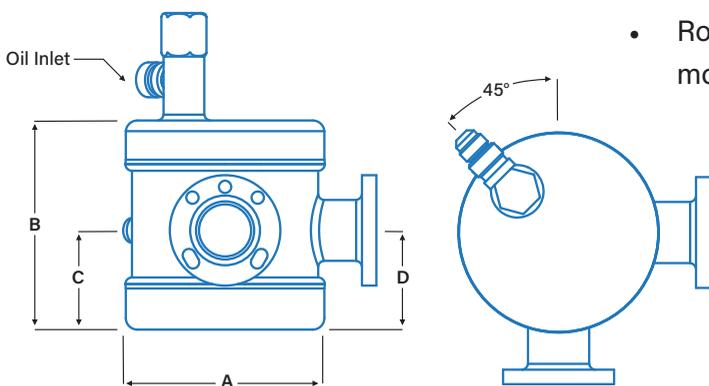
MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

Our new “L” series regulators improve on legacy designs by utilizing a unibody internal assembly. These regulators are available in both fixed and adjustable configurations. This change reduces tolerance build-up by eliminating several fabricated components, creating a more reliable product overall.

- Universal flange capable of mounting directly to both Copeland and Bitzer compressors
- Adapter kits available for non-standard mountings
- Oil Feed Connection: 3/8" SAE Flare
- Oil Equalization Connection: 3/8" SAE Flare Connection at 1/2 glass range
- Rotolock Valve included with adjustable model



UNIVERSAL FLANGE OIL REGULATORS

Catalog Number	Dimensions				Operating Differential	Sight Glass Level
	A	B	C	D		
RG-4FL	4.00"	4.50"	2.13"	2.13"	5-30 psig	Fixed
RG-4AL	4.00"	4.50"	2.13"	2.13"	5-90 psig	Adjustable

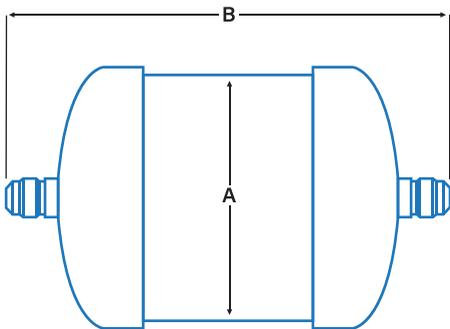
Models also available for 3/8" glass (ex. Carlyle compressors).
Models rated for 650 psig are also available.

OIL FILTER

We recommend filtering the oil prior to reaching the oil regulator to prevent debris or contaminants from obstructing the float valve. Our oil filters can be used to accomplish this filtration.

See pages 38–41 for more information.

OIL FILTERS

SEALED
OIL FILTERS*MAXIMUM WORKING PRESSURE: 675 PSIG***SHUT OFF VALVE**

For the FH3-02 and FH4-02, we recommend a 3/8" flare Rotolock valve with gasket.

See page 121 for more information.

FEATURES

An oil filter should always be used with any oil management system to ensure that refrigerant oil is clean of any foreign matter that may obstruct float valves in oil regulators and oil separators.

- Welded and brazed design for higher strength
- Nitrogen tested for cleanliness
- Good for all oil types
- Powder paint finish
- Low pressure-drop filter. Replace at 15 psig pressure drop
- 99.5% efficient at removing 4 micron particles and larger
- 330 sq. in. of filtering surface area
- 8 cu. in. XH-9 desiccant in F(H)3-01 and F(H)3-01 models
- 3/8" flare and 3/4" swivel connections available



SEALED OIL FILTERS

Catalog Number	Dimensions		Conn. Type	Replacement Filter	Max. Working Pressure
	A	B			
FH3-01	3.00"	8.25"	3/8" flare	90-007K	675 psig
FH3-02	3.00"	7.75"	3/4"-16 spud	90-007K	675 psig
FH4-01	4.00"	7.50"	3/8" flare	90-007K	675 psig
FH4-02	4.00"	7.00"	3/4"-16 spud	90-007K	675 psig

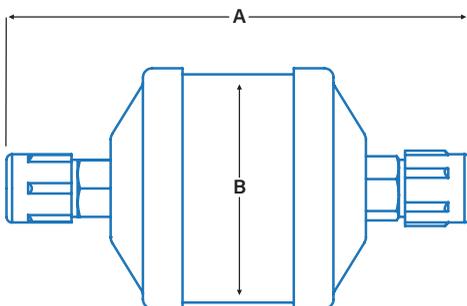
ACCESSORIES

- RDP-01 Pressure Gauge page 114

OIL STRAINERS

MAXIMUM WORKING PRESSURE: 700 PSIG

- Suitable for use with HFC and HCFC refrigerants with their associated oils
- Allowable operating temperature: -40°F to 300°F
-40°C to 149°C
- UL and C-UL listed by Underwriters Laboratories



IN-LINE OIL STRAINERS

Catalog Number	Dimensions		Conn. Type
	A	B	
ST-03F	5.07"	2.5"	3/8" flare
ST-03X	4.25"	2.5"	3/8" ODS

OIL FILTERS

SERVICEABLE OIL FILTERS

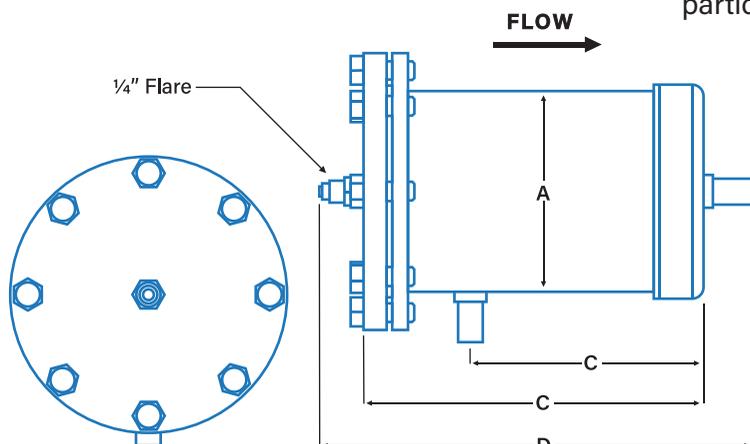
MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

An oil filter should always be used with any oil management system to ensure that refrigerant oil is clean of any foreign matter that may obstruct float valves in oil regulators and oil separators.

- Serviceable filter element with tapped and slotted flange for ease of assembly and removal
- Filter (Model 90-007K) factory installed
- Can be mounted vertically or horizontally
Steel construction with powder paint finish
- Low pressure-drop filter with 330 sq. in. of filtering surface. Replace at 15 psig pressure drop
- 99.5% efficient at removing 4 micron particles and larger

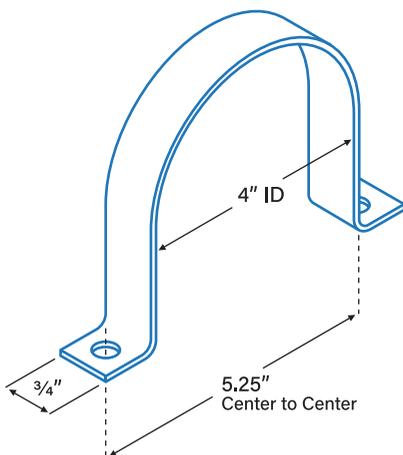


SERVICEABLE OIL FILTERS

Catalog Number	Dimensions				Conn. Type
	A	B	C	D	
F4-02S	4.00"	4.63"	6.73"	8.61"	3/8" ODS
F4-02L	4.00"	4.63"	6.73"	8.30"	3/4"-16 spud

MOUNTING BRACKET

Part number 40-4525



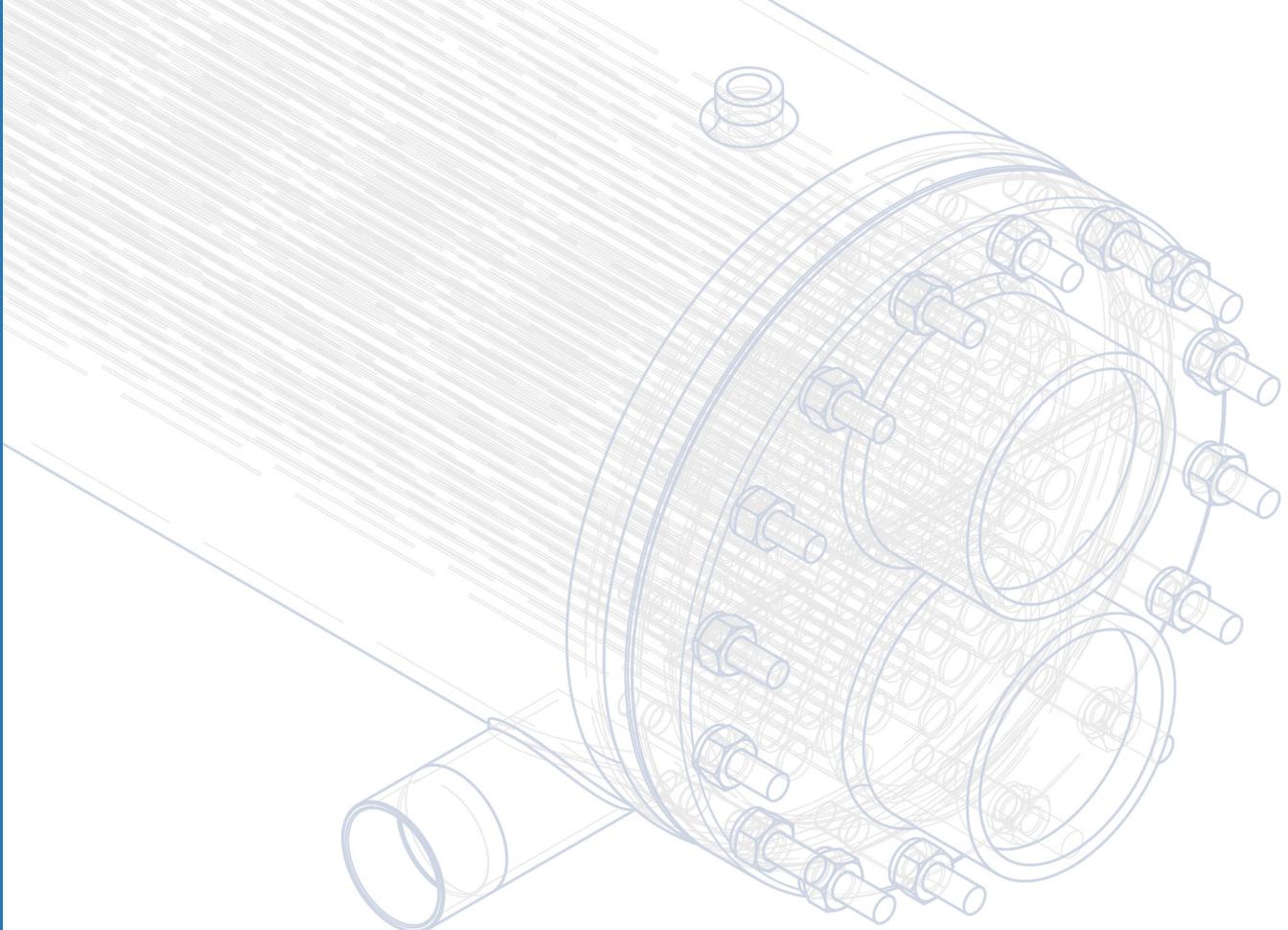
SHUT OFF VALVE

For the F4-02L, we recommend a 3/8" flare or ODS Rotolock valve with gasket (requires two valves).

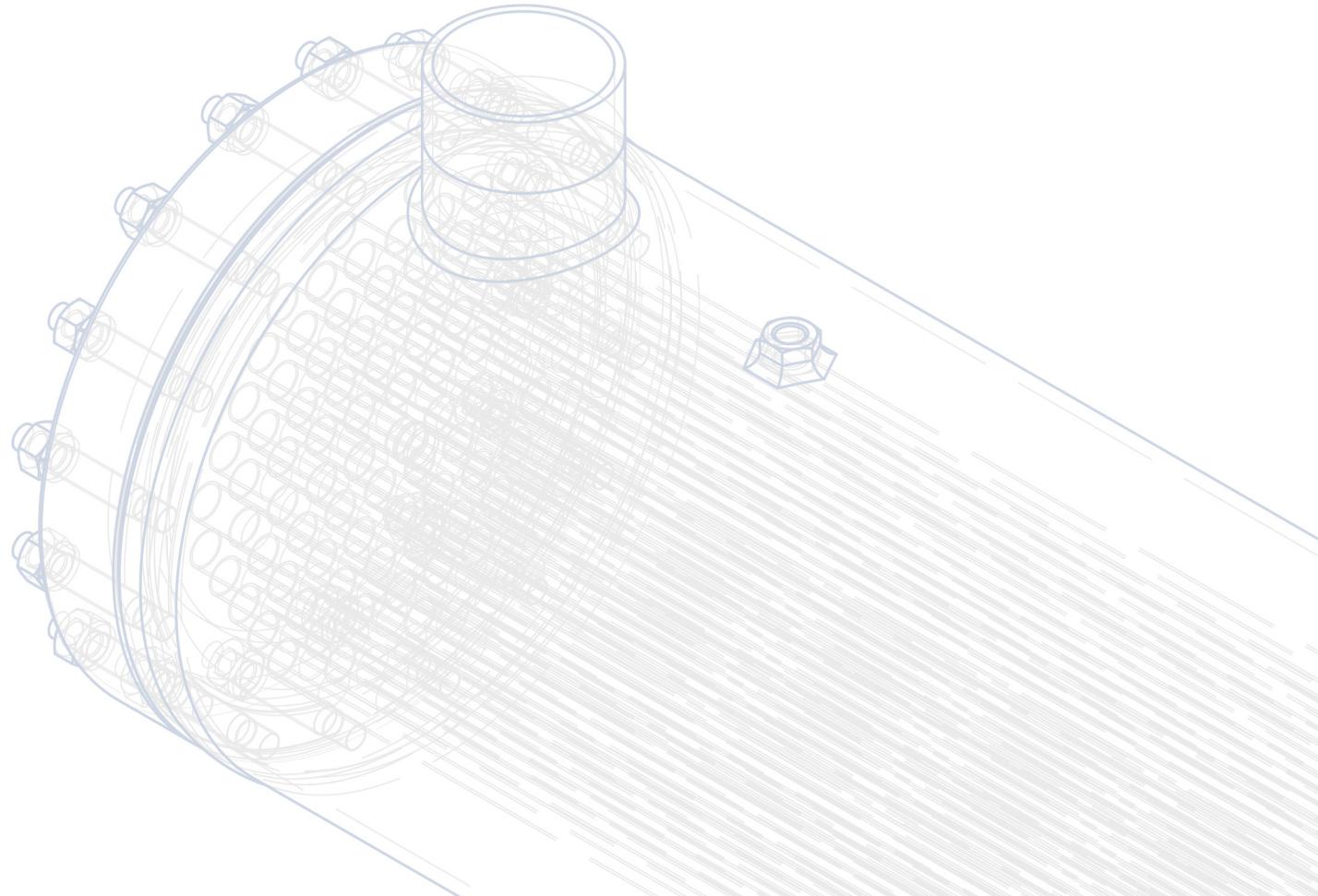
See page 119 for more information.

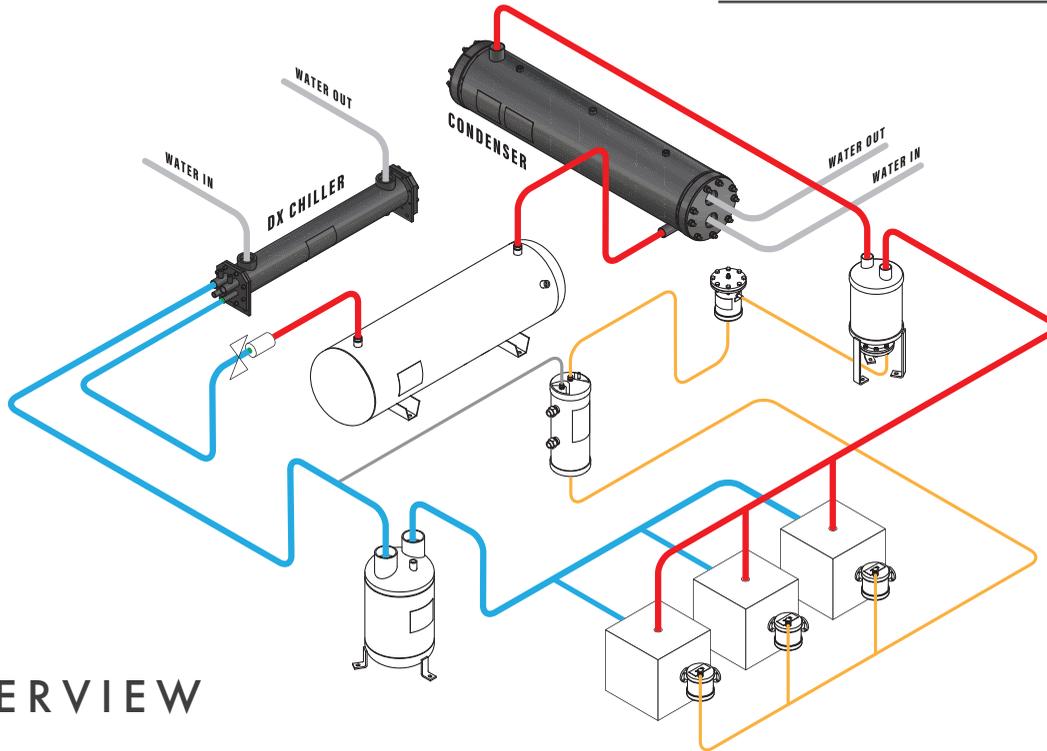
ACCESSORIES

- RDP-01 Pressure Gauge
Page 114
- 90-007K Replacement filter Kit
Page 124



2 HEAT EXCHANGE





OVERVIEW

EFFECTIVE & EFFICIENT REFRIGERATION

Heat exchange is the essential process of refrigeration: transferring heat from one liquid to another in a process of compression, condensation, expansion, and evaporation to accomplish cooling. Our complete line of heat exchange products is designed to do this efficiently and effectively for a broad range of applications.

- 44 **CONDENSERS**
- 52 **COAXIAL COILS**
- 54 **EVAPORATORS**

CONDENSERS

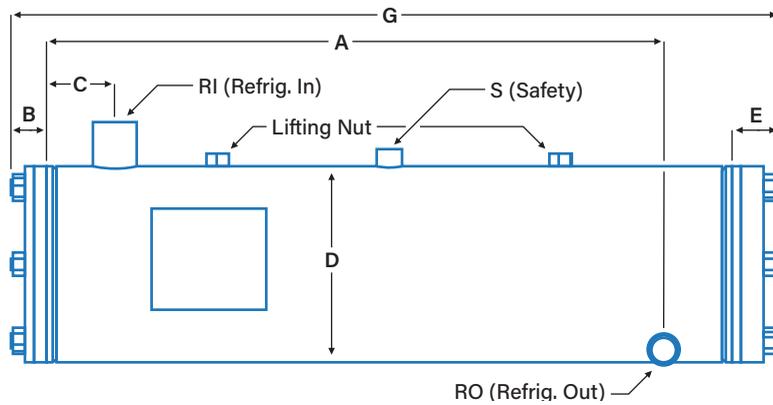
HEC CONDENSERS

*MAXIMUM WORKING PRESSURE: 400 PSIG REFRIGERANT SIDE
150 PSIG FLUID SIDE*

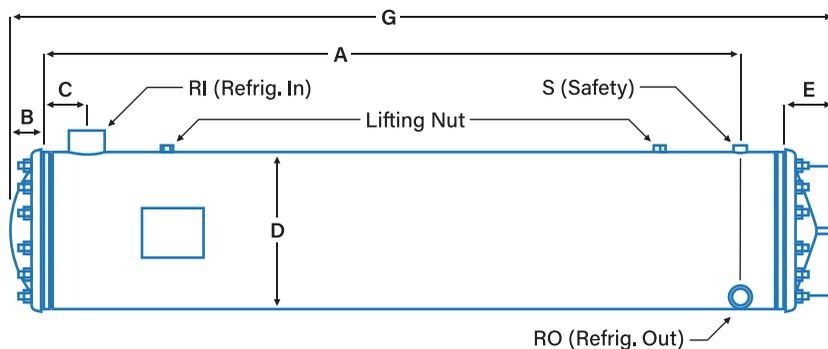
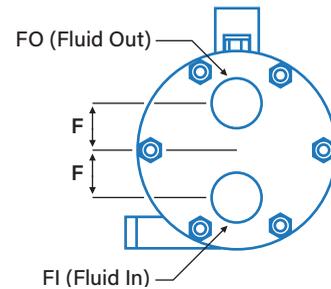


FEATURES

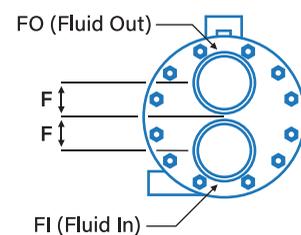
Our line of HEC condensers are high capacity and cleanable. The enhanced copper tubing provides extra heat transfer surface thereby reducing the overall size of the condenser. Both the tube sheet and water plates have been epoxy coated for increased corrosion protection.



HEC-2 THROUGH HEC-50



HEC-60 THROUGH HEC-80



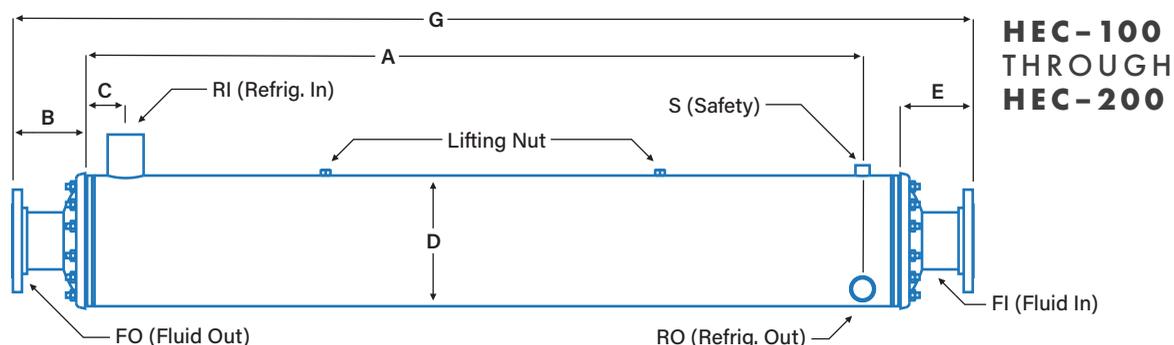
HEC CONDENSERS

Catalog Number*	Nominal HP		Dimensions							Connections				Holding Capacity (R22)†
	Clean	Fouled	A	B	C	D	E	F	G	RI ODS	RO ODS	FI/FO NPT	S NPT	
HEC-2	2.50	2.00	22.00"	2.00"	2.00"	5.00"	2.00"	1.50"	28.00"	5/8"	1/2"	3/4"	3/8"	12 lbs
HEC-3	3.90	3.50	22.00"	2.00"	1.81"	6.00"	2.00"	1.88"	28.00"	7/8"	5/8"	3/4"	3/8"	18 lbs
HEC-5	8.28	5.06	21.50"	1.50"	2.50"	6.63"	2.00"	2.00"	28.00"	1 1/8"	5/8"	1"	1/2"	21 lbs
HEC-7	8.40	7.42	27.50"	1.50"	2.50"	6.63"	2.00"	2.00"	33.50"	1 3/8"	7/8"	1 1/4"	1/2"	26 lbs
HEC-10	11.30	9.70	27.50"	1.50"	2.50"	6.63"	2.00"	2.00"	33.50"	1 3/8"	7/8"	1 1/4"	1/2"	23 lbs
HEC-15	17.55	14.78	27.00"	1.50"	3.00"	8.63"	2.00"	2.00"	33.50"	1 5/8"	1 1/8"	2"	1/2"	43 lbs
HEC-20	32.87	19.98	45.00"	1.50"	3.00"	8.63"	2.00"	2.00"	51.50"	1 5/8"	1 1/8"	2"	1/2"	69 lbs
HEC-25	34.21	23.04	45.00"	1.50"	3.00"	8.63"	2.00"	2.00"	51.50"	2 1/8"	1 3/8"	2"	1/2"	68 lbs
HEC-30	41.50	29.20	45.00"	2.00"	3.00"	10.75"	3.00"	2.13"	53.00"	2 1/8"	1 3/8"	2 1/2"	1/2"	115 lbs
HEC-40	48.20	39.91	57.00"	2.00"	3.00"	10.75"	3.00"	2.13"	65.00"	2 1/8"	1 3/8"	3"	1/2"	144 lbs
HEC-50	63.47	52.55	57.00"	2.00"	3.00"	10.75"	3.00"	2.13"	65.00"	2 5/8"	1 5/8"	3"	1/2"	136 lbs
HEC-60	82.02	59.84	56.50"	2.63"	3.5"	12.75"	3.50"	2.75"	66.75"	2 5/8"	1 5/8"	4"	1/2"	203 lbs
HEC-70	94.85	70.14	56.50"	2.63"	3.5"	12.75"	3.50"	2.75"	66.88"	3 1/8"	2 1/8"	4"	1/2"	191 lbs
HEC-80	109.98	82.17	56.50"	2.63"	3.5"	12.75"	3.50"	2.75"	66.88"	3 1/8"	2 1/8"	4"	1/2"	180 lbs
HEC-100	117.50	87.79	92.50"	7.29"	3.75"	12.75"	7.29"	-	110.58"	3 1/8"	2 1/8"	5" flange	3/4"	309 lbs
HEC-125	147.50	110.33	91.87"	7.29"	3.62"	12.75"	7.29"	-	110.58"	3 5/8"	2 1/8"	5" flange	3/4"	280 lbs
HEC-150	174.00	154.00	91.25"	9.13"	4.75"	14.00"	9.13"	-	114.25"	3 5/8"	2 5/8"	6" flange	3/4"	338 lbs
HEC-200	237.00	210.00	91.25"	12.00"	4.75"	16.00"	12.00"	-	120.00"	4 1/8"	3 1/8"	8" flange	3/4"	433 lbs

All capacities calculated at 90%.

†For R404a capacity, multiply by 0.87 NOTE: When using multiplier, always round down.
For R134a capacity, multiply by 1.01

*Add "-AT to the end of the catalog number for units designed for use with high-glide refrigerants.
(Example: HEC-125-AT)



Custom models are also available. Consult *Westermeyer Industries* for more information.

CONDENSERS

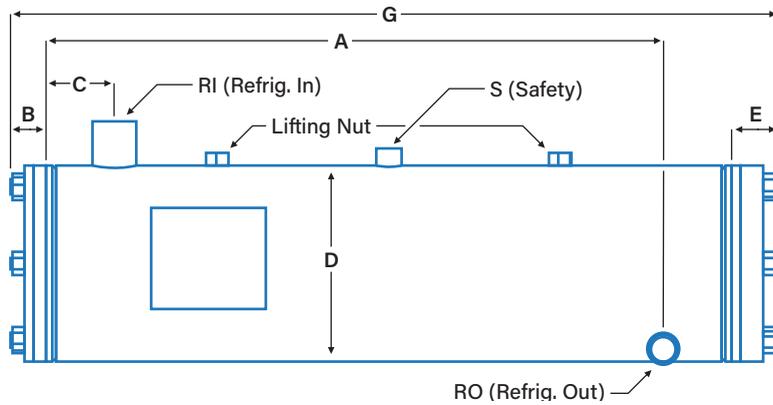
HECH CONDENSERS

*MAXIMUM WORKING PRESSURE: 600 PSIG REFRIGERANT SIDE
150 PSIG FLUID SIDE*

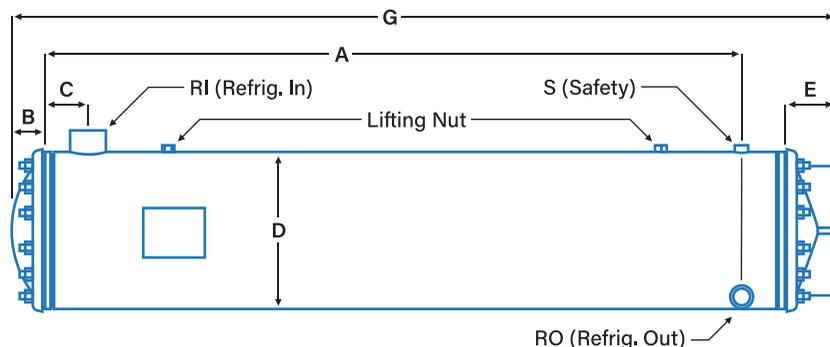
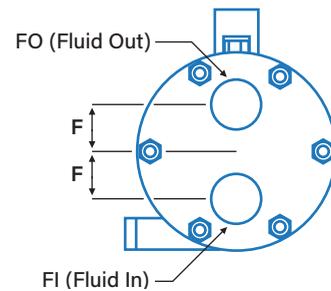


FEATURES

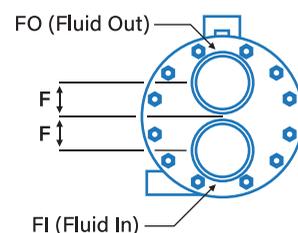
Our line of HECH condensers are high capacity and cleanable. The enhanced copper tubing provides extra heat transfer surface thereby reducing the overall size of the condenser. Both the tube sheet and water plates have been epoxy coated for increased corrosion protection.



HECH-2 THROUGH HECH-50



HECH-60 THROUGH HECH-80



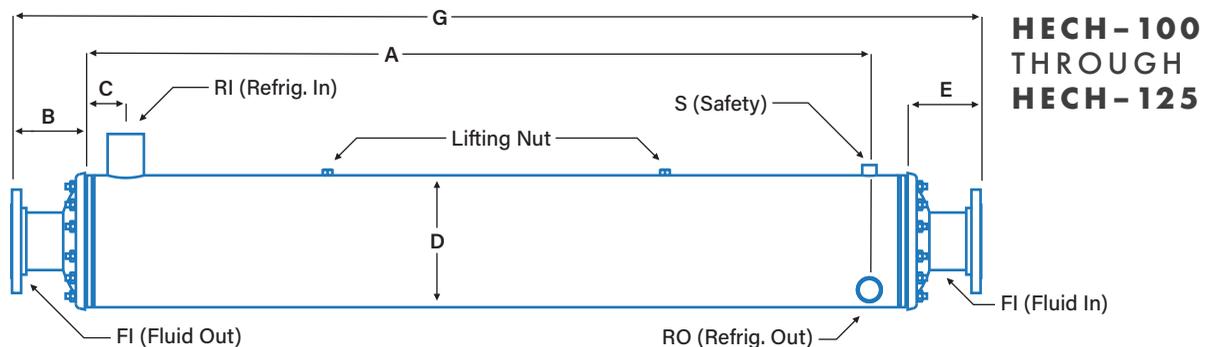
HEC CONDENSERS (HIGH PRESSURE)

Catalog Number	Nominal HP		Dimensions							Connections			Holding Capacity* (R410A)	
	Clean/Fouled		A	B	C	D	E	F	G	RI/RO ODS	FI/FO NPT	S NPT		
HECH-2	2.50	2.00	22.00"	2.00"	2.00"	5.00"	2.00"	1.50"	28.00"	5/8"	1/2"	3/4"	3/8"	12 lbs
HECH-3	3.90	3.50	22.00"	2.00"	1.81"	6.00"	2.00"	1.88"	28.00"	7/8"	5/8"	3/4"	3/8"	15 lbs
HECH-5	8.61	5.26	21.50"	1.50"	2.50"	6.63"	2.00"	2.00"	28.00"	1 1/8"	5/8"	1"	1/2"	16 lbs
HECH-7	8.74	7.72	27.50"	1.50"	2.50"	6.63"	2.00"	2.00"	33.50"	1 3/8"	7/8"	1 1/4"	1/2"	21 lbs
HECH-10	11.75	10.09	27.50"	1.50"	2.50"	6.63"	2.00"	2.00"	33.50"	1 3/8"	7/8"	1 1/4"	1/2"	18 lbs
HECH-15	18.25	15.37	27.00"	1.50"	3.00"	8.63"	2.00"	2.00"	33.50"	1 5/8"	1 1/8"	2"	1/2"	35 lbs
HECH-20	34.18	20.78	45.00"	1.50"	3.00"	8.63"	2.00"	2.00"	51.50"	1 5/8"	1 1/8"	2"	1/2"	58 lbs
HECH-25	35.58	23.96	45.00"	1.50"	3.00"	8.63"	2.00"	2.00"	51.50"	2 1/8"	1 3/8"	2"	1/2"	56 lbs
HECH-30	43.16	30.37	45.00"	2.00"	3.00"	10.75"	3.00"	2.13"	53.00"	2 1/8"	1 3/8"	2 1/2"	1/2"	94 lbs
HECH-40	50.13	41.51	57.00"	2.00"	3.00"	10.75"	3.00"	2.13"	65.00"	2 1/8"	1 3/8"	3"	1/2"	118 lbs
HECH-50	66.01	54.65	57.00"	2.00"	3.00"	10.75"	3.00"	2.13"	65.00"	2 5/8"	1 5/8"	3"	1/2"	111 lbs
HECH-60	85.30	62.23	56.50"	2.63"	3.50"	12.75"	3.50"	2.75"	66.75"	2 5/8"	1 5/8"	4"	1/2"	170 lbs
HECH-70	94.85	70.14	56.50"	2.63"	3.50"	12.75"	3.50"	2.75"	66.88"	3 1/8"	2 1/8"	4"	1/2"	157 lbs
HECH-80	109.98	82.17	56.50"	2.63"	3.50"	12.75"	3.50"	2.75"	66.88"	3 1/8"	2 1/8"	4"	1/2"	148 lbs
HECH-100	112.70	84.30	92.50"	7.29"	3.75"	12.75"	7.29"	-	110.58"	3 1/8"	2 1/8"	5" flange	3/4"	250 lbs
HECH-125	141.30	105.69	91.87"	7.20"	3.62"	12.75"	7.29"	-	110.58"	3 5/8"	2 1/8"	5" flange	3/4"	225 lbs

*All capacities calculated at 90%.

CUSTOM MODELS

Custom models are also available. Consult *Westermeyer Industries* for more information.



CONDENSERS

MARINE CONDENSERS

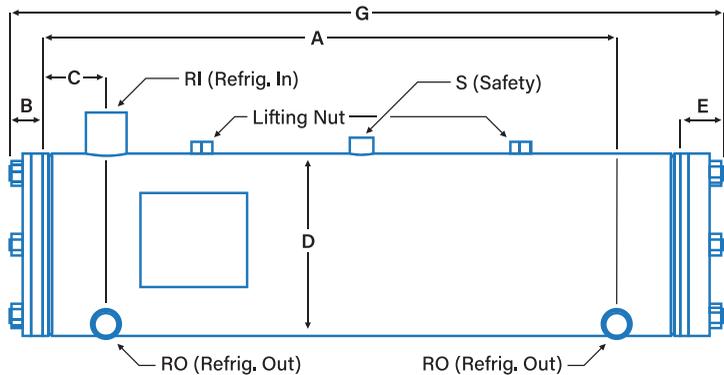
*MAXIMUM WORKING PRESSURE: 400 PSIG REFRIGERANT SIDE
150 PSIG FLUID SIDE*



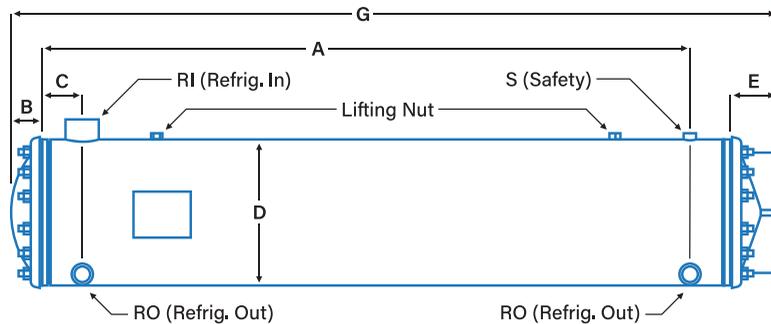
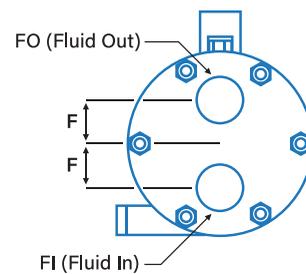
FEATURES

Our line of HEM marine condensers are high capacity and cleanable. The water side is entirely constructed with 90/10 cupronickel, including the heads, with enhanced tubing providing extra heat transfer surface, thereby reducing the overall size of the condenser. All models come with a sacrificial zinc anode and undergo a two-stage anti-corrosive powder coating process.

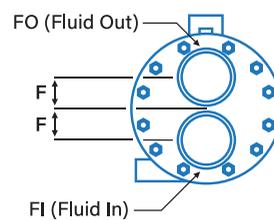
Custom models are also available including R410A (HEMH) models.



**HEM-100Z
THROUGH
HEM-5005Z**



**HEM-6505Z
THROUGH
HEM-7505Z**



See page 128 for replacement heat exchanger gaskets.

See page 126 for replacement zinc anodes.

MARINE CONDENSERS

Catalog Number**	Nominal HP		Dimensions							Connections			Holding Capacity (R22)†	
	Clean/Fouled		A	B	C	D	E	F	G	RI/RO ODS	FI/FO NPT	S NPT		
HEM-100Z	1.30	1.00	16 3/8"	1 5/8"	1 5/8"	6"	2"	1 7/8"	21 5/8"	5/8"	1/2"	1/2"	3/8"	13 lbs
HEM-200Z	2.60	2.00	16 3/8"	1 5/8"	1 5/8"	6"	2"	1 7/8"	21 5/8"	7/8"	5/8"	1/2"	3/8"	12 lbs
HEM-300Z	4.60	3.30	16"	2"	2"	6 5/8"	2"	1"	21 3/4"	7/8"	5/8"	3/4"	3/8"	12 lbs
HEM-500Z	6.00	4.60	16"	2 1/8"	2 1/8"	6 5/8"	2"	1"	21 3/4"	1 1/8"	5/8"	3/4"	3/8"	10 lbs
HEM-750Z	9.50	6.70	28"	2"	2"	6 5/8"	2"	2"	34 1/4"	1 3/8"	7/8"	1 1/4"	3/8"	19 lbs
HEM-1005Z	11.70	9.50	33"	2"	2"	6 5/8"	2"	2"	40 1/4"	1 3/8"	7/8"	1 1/4"	3/8"	23 lbs
HEM-1500Z	19.90	15.80	33 1/2"	2 1/2"	2 1/2"	8 5/8"	2"	2 1/8"	40 1/4"	1 5/8"	1 1/8"	2"	1/2"	41 lbs
HEM-2005Z	26.70	20.20	57"	3"	3"	8 5/8"	2 1/4"	2 1/8"	64 1/2"	2 1/8"	1 1/8"	2"	1/2"	72 lbs
HEM-2505Z	33.10	25.90	57"	3"	3"	8 5/8"	2 1/4"	2 1/8"	64 1/2"	2 1/8"	1 3/8"	2"	1/2"	65 lbs
HEM-3006Z	39.70	31.60	69"	3"	3"	8 5/8"	2 1/4"	2 1/8"	76 1/2"	2 5/8"	1 3/8"	2 1/2"	1/2"	83 lbs
HEM-3305Z	44.40	32.60	56 1/2"	3"	3"	10 3/4"	2 3/4"	2 1/8"	65"	2 5/8"	1 3/8"	2 1/2"	1/2"	113 lbs
HEM-4005Z	45.80	33.60	56 1/2"	3"	3"	10 3/4"	2 3/4"	2 1/8"	65"	2 5/8"	1 5/8"	2 1/2"	1/2"	110 lbs
HEM-4505Z	57.70	44.20	68 1/2"	3"	3"	10 3/4"	2 3/4"	2 1/8"	77"	2 5/8"	1 5/8"	3"	1/2"	136 lbs
HEM-5005Z	59.60	45.70	68 1/2"	3"	3"	10 3/4"	2 3/4"	2 1/8"	77"	2 5/8"	1 5/8"	3"	1/2"	132 lbs
HEM-6505Z	71.00	58.20	68 1/2"	3 1/2"	3 1/2"	12 3/4"	4 1/4"	2 3/4"	78 3/4"	3 1/8"	2 1/8"	4"	1/2"	225 lbs
HEM-7505Z	84.80	66.10	68 1/2"	3 1/2"	3 1/2"	12 3/4"	4 1/4"	2 3/4"	78 3/4"	3 1/8"	2 1/8"	4"	1/2"	192 lbs
HEM-100HPZ*	132.20	99.80	116 1/2"	3 1/2"	3 1/2"	12 3/4"	6 5/8"	-	133 1/2"	3 1/8"	2 1/8"	5" flange	1/2"	322 lbs
HEM-120HPZ*	137.20	103.60	115 1/2"	3 1/2"	3 1/2"	12 3/4"	6 5/8"	-	133 1/2"	3 5/8"	2 1/8"	5" flange	1/2"	298 lbs

All capacities calculated at 90%.

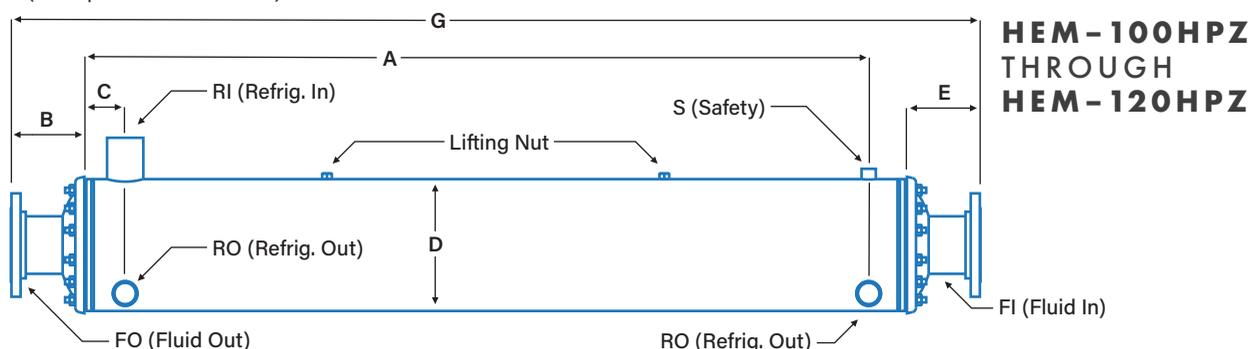
†For R404a capacity, multiply by 0.87 NOTE: When using multiplier, always round down.

For R134a capacity, multiply by 1.01

*Single-pass condensers that use a sacrificial zinc pencil.

**Add "-AT" to the end of the catalog number for units designed for use with high-glide refrigerants.

(Example: HEM-6505Z-AT)



CONDENSERS

HPC CONDENSERS

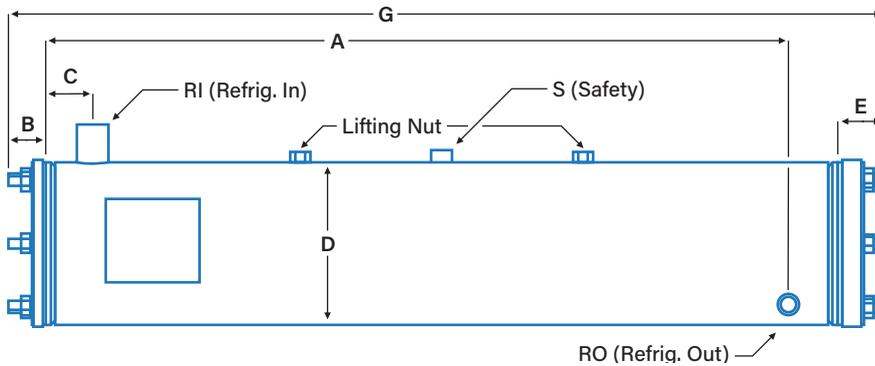
*MAXIMUM WORKING PRESSURE: 450 PSIG REFRIGERANT SIDE
150 PSIG FLUID SIDE*



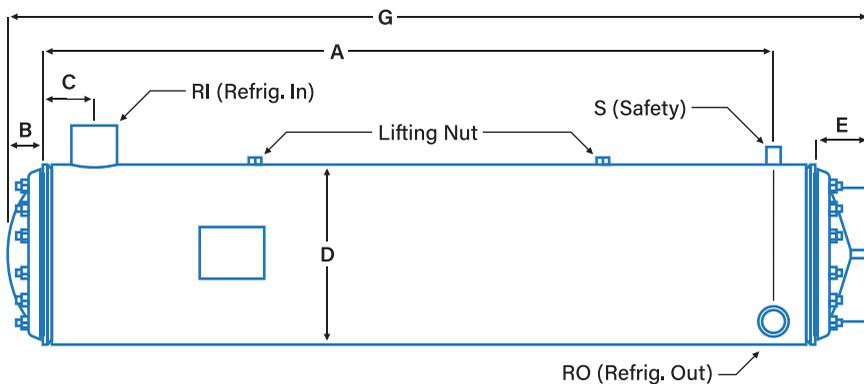
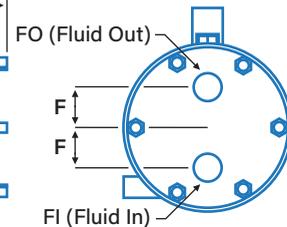
FEATURES

Our line of HPC condensers are designed for high pump down applications. The enhanced copper tubing provides extra heat transfer surface, thereby reducing the overall size of the condenser. Both the tube sheet and removable water plates have been epoxy coated for increased corrosion protection.

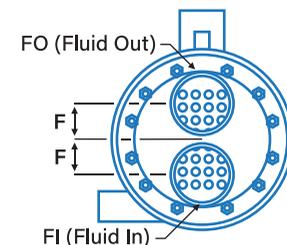
Custom models are also available, including R410A (HPCH) models.



**HPC-100A
THROUGH
HPC-3505A**



**HPC-4005A
THROUGH
HPC-8005A**



See page 128 for replacement heat exchanger gaskets.

HPC CONDENSERS

Catalog Number	Nominal HP		Dimensions							Connections			Holding Capacity (R22)*	
	Clean/Fouled	A	B	C	D	E	F	G	RI/RO ODS	FI/FO NPT	S NPT			
HPC-100A	1.70	1.60	15 7/8"	2"	2 1/8"	6 5/8"	2"	1 5/8"	22"	5/8"	1/2"	1/2"	3/8"	14 lbs
HPC-200A	3.50	2.30	15 15/16"	1 1/2"	2"	6 5/8"	2 1/2"	1"	22"	7/8"	5/8"	3/4"	3/8"	15 lbs
HPC-300A	5.60	3.90	21 15/16"	2"	2"	6 5/8"	2 1/2"	1"	28 5/8"	7/8"	5/8"	3/4"	3/8"	22 lbs
HPC-500A	7.20	5.20	21 3/8"	1 1/2"	2 1/2"	8 5/8"	2 1/2"	1 1/2"	28"	1 1/8"	5/8"	1 1/4"	1/2"	38 lbs
HPC-750A	10.80	7.80	21 1/2"	1 1/2"	2 1/2"	8 5/8"	2"	1 1/2"	27 9/16"	1 3/8"	7/8"	1 1/4"	1/2"	36 lbs
HPC-755A	9.70	8.50	33 7/16"	1 1/2"	2 1/2"	8 5/8"	2 1/2"	1 1/2"	40"	1 3/8"	7/8"	1 1/4"	1/2"	59 lbs
HPC-1000A	16.00	10.30	39 7/16"	2"	2 1/2"	8 5/8"	2 1/2"	2 1/8"	46 7/16"	1 3/8"	7/8"	1 1/4"	1/2"	67 lbs
HPC-1500A	24.50	15.50	45 1/2"	2"	2 1/2"	8 5/8"	2"	2 1/8"	52"	1 3/8"	1 1/8"	1 1/2"	1/2"	78 lbs
HPC-1555A	24.50	15.50	45"	3"	3 1/4"	10 3/4"	3"	2 1/2"	54"	1 5/8"	1 1/8"	1 1/2"	1/2"	129 lbs
HPC-2005A	30.00	22.10	57"	3"	3 1/2"	10 3/4"	3"	2 1/2"	66"	2 1/8"	1 1/8"	2"	1/2"	163 lbs
HPC-2026A	30.00	22.10	56 3/4"	3"	3 1/2"	12 3/4"	3"	2 1/2"	66"	2 1/8"	1 1/8"	2"	1/2"	238 lbs
HPC-2505A	37.50	27.70	57"	3"	3 1/2"	10 3/4"	3"	2 1/8"	66"	2 1/8"	1 3/8"	2 1/2"	1/2"	163 lbs
HPC-2527A	37.50	27.70	56 3/4"	3"	3 1/2"	12 3/4"	3"	2 1/8"	66"	2 1/8"	1 3/8"	2 1/2"	1/2"	238 lbs
HPC-3005A	45.00	33.20	57"	3"	3 1/2"	10 3/4"	3"	2 1/8"	66"	2 5/8"	1 3/8"	2 1/2"	1/2"	155 lbs
HPC-3028A	45.00	33.20	56 3/4"	3"	3 1/2"	12 3/4"	3"	2 1/8"	66"	2 5/8"	1 3/8"	2 1/2"	1/2"	230 lbs
HPC-3505A	50.00	36.90	56 3/4"	3"	3 1/2"	12 3/4"	3"	2 1/8"	66"	2 5/8"	1 3/8"	2 1/2"	1/2"	227 lbs
HPC-4005A	55.00	40.60	56 3/4"	2 3/4"	3 1/2"	14"	4 1/4"	2 3/4"	67"	2 5/8"	1 3/8"	3"	1/2"	267 lbs
HPC-4505A	65.00	48.00	56 3/4"	2 3/4"	3 1/2"	14"	4 1/4"	2 3/4"	67"	2 5/8"	1 5/8"	3"	1/2"	261 lbs
HPC-5005A	70.00	51.70	56 3/4"	2 3/4"	3 1/2"	14"	4 1/4"	2 3/4"	67"	2 5/8"	1 5/8"	4"	1/2"	257 lbs
HPC-5505A	75.00	55.40	56 3/4"	2 3/4"	4"	14"	4 1/4"	2 3/4"	67"	3 1/8"	1 5/8"	4"	1/2"	251 lbs
HPC-6005A	82.50	60.90	56 3/4"	2 3/4"	3 1/4"	14"	4 1/4"	2 3/4"	67"	3 1/8"	2 1/8"	4"	1/2"	248 lbs
HPC-7005A	97.60	72.00	56 3/4"	2 3/4"	4"	14"	4 1/4"	2 3/4"	67"	3 1/8"	2 1/8"	4"	1/2"	236 lbs
HPC-8005A	110.10	81.20	56 3/4"	2 3/4"	4"	14"	4 1/4"	2 3/4"	67"	3 1/8"	2 1/8"	4"	1/2"	228 lbs

All capacities calculated at 90%

*For R404a capacity, multiply by 0.87 NOTE: When using multiplier, always round down.
For R134a capacity, multiply by 1.01

REFRIGERATION COILS

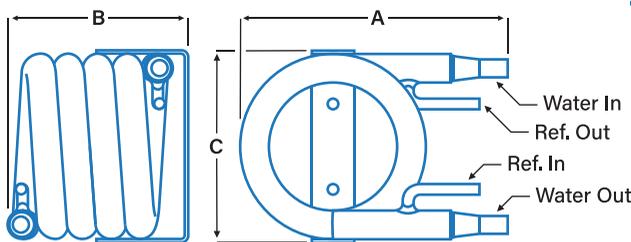
COAXIAL REFRIGERATION COILS

*MAXIMUM WORKING PRESSURE: 600 PSIG REFRIGERANT SIDE
500 PSIG FLUID SIDE*

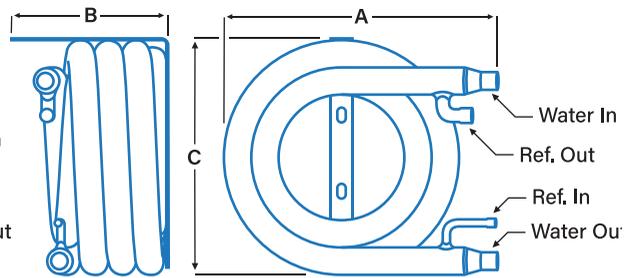


FEATURES

- Designed for use as water cooled condensers
- Standard sizes for 1/2 through 7 ton systems
- Simplicity of design and installation makes this product ideal in the refrigeration market
- All models include mounting brackets



HELICAL (RIGHT HAND)



SPIRAL

COAXIAL REFRIGERATION COILS

	Catalog Number	Nom. Ton	Water In (OD)	Water Out (OD)	Ref. In (OD)	Ref. Out (OD)	Dimensions		
							A	B	C
Helical	C-6601-01*	0.50	5/8"	5/8"	3/8"	3/8"	9.75"	6.38"	7.38"
	C-6602-01	0.75	5/8"	5/8"	3/8"	3/8"	9.75"	7.38"	7.38"
	C-6603-01	1.00	5/8"	5/8"	3/8"	3/8"	9.75"	8.38"	7.38"
	C-6604-01	1.50	3/4"	3/4"	1/2"	1/2"	12.50"	7.00"	10.50"
	C-6605-01	2.00	3/4"	3/4"	1/2"	1/2"	14.50"	7.38"	13.25"
Spiral	C-6606-01	2.50	3/4"	3/4"	1/2"	1/2"	15.00"	7.38"	13.25"
	C-6607-01	3.00	7/8"	7/8"	5/8"	5/8"	15.88"	7.88"	14.88"
	C-6608-01	3.50	7/8"	7/8"	5/8"	5/8"	17.25"	7.88"	15.38"
	C-6609-01	4.00	1 1/8"	1 1/8"	7/8"	7/8"	19.00"	8.88"	18.13"
	C-6610-01	5.00	1 1/8"	1 1/8"	7/8"	7/8"	19.75"	8.88"	18.38"
	C-6611-01	6.00	1 1/8"	1 1/8"	7/8"	1/2"	19.13"	10.88"	16.75"
	C-6612-01	7.00	1 1/8"	1 1/8"	7/8"	5/8"	19.50"	10.88"	19.50"

*Use "-01" to denote copper inner tube

Use "-02" to denote cupronickel inner tube.

Use "-03" to denote left-hand coil with copper innertube on helical models.

Use "-04" to denote left-hand coil with cupronickel inner tube on helical models.

Example: C-6601-01 = standard right-hand helical model

C-6601-04 = left-hand helical model with cupronickel inner tube

EVAPORATORS

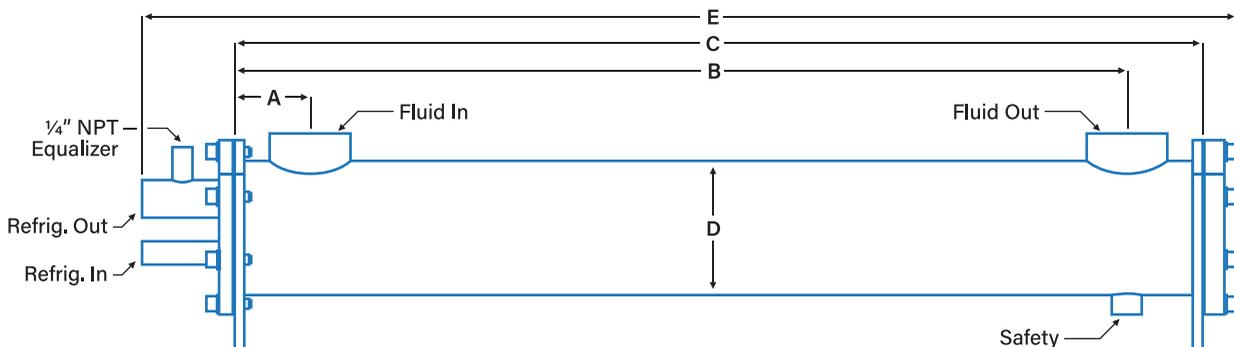
DX CHILLERS

SINGLE-CIRCUIT



FEATURES

The internal design of our Direct-Expansion Chiller Barrels have been engineered for optimum heat transfer. The construction utilizes enhanced copper tubing for increased surface area and better heat transfer, without increasing the overall size. In addition, baffles are placed within our chillers to direct the water flow for maximum cooling effect. Externally, the entire chiller is wrapped in 3/4" insulation for maximum temperature retention after being powder coated for enhanced corrosion resistance.



See page 128 for replacement heat exchanger gaskets.

DX CHILLERS (SINGLE-CIRCUIT)

Catalog Number	Nom. Tons				Dimensions					Connections			Working Press. (Max. PSIG) Shell / Tube			
	Clean/Fouled R22		Clean/Fouled R410A		A	B	C	D	E	RI/RO ODS	FI/FO NPT	S NPT				
UL Listed	DXH5-1	6.10	4.70	5.80	5.40	2.63"	33.38"	36"	4.00"	41.00"	5/8"	1 1/8"	1 1/4"	1/2"	225	375
	DXH6-1	8.50	7.00	7.50	6.90	2.44"	33.56"	36"	4.00"	41.00"	5/8"	1 1/8"	1 1/2"	1/2"	225	375
	DXH7.5-1	9.80	7.60	8.80	8.20	2.44"	33.56"	36"	4.00"	41.63"	7/8"	1 5/8"	1 1/2"	1/2"	225	375
	DXH10-1	12.10	11.30	12.50	11.70	2.81"	33.19"	36"	5.00"	41.75"	7/8"	1 5/8"	2"	1/2"	225	375
	DXH12-1	15.90	13.20	15.30	14.40	2.94"	33.06"	36"	6.00"	42.00"	7/8"	1 5/8"	2"	1/2"	225	375
	DXH15-1	20.00	16.30	19.60	18.30	3.19"	32.81"	36"	6.00"	42.50"	1 1/8"	2 1/8"	2 1/2"	1/2"	225	375
	DXH20-1	24.10	19.60	24.90	23.30	3.50"	32.50"	36"	6.00"	42.50"	1 1/8"	2 1/8"	3"	1/2"	225	375
	DXH25-1	27.10	22.40	30.70	28.70	3.50"	32.50"	36"	6.00"	43.25"	1 1/8"	2 5/8"	3"	1/2"	225	375
ASME Low-Pressure	DX30-1	32.50	29.80	-	-	4.26"	67.76"	72"	6.63"	81.88"	1 1/8"	2 5/8"	3"	3/4"	150	300
	DX40-1	42.90	40.20	-	-	4.50"	67.50"	72"	8.63"	81.88"	1 3/8"	2 5/8"	3"	3/4"	150	300
	DX50-1	53.90	50.30	-	-	4.47"	67.25"	72"	8.63"	81.75"	1 3/8"	3 1/8"	4" flange	3/4"	150	300
	DX60-1	64.50	60.10	-	-	4.75"	79.25"	84"	8.63"	94.13"	1 5/8"	3 1/8"	4" flange	3/4"	150	300
	DX80-1	80.50	74.80	-	-	5.75"	78.25"	84"	10.75"	95.38"	2 1/8"	3 1/8"	5" flange	3/4"	150	300
ASME High-Pressure	DXH30-1	-	-	35.50	34.00	4.25"	67.76"	72"	6.63"	81.75"	1 1/8"	2 5/8"	3"	3/4"	300	375
	DXH40-1	-	-	47.00	45.00	4.50"	67.50"	72"	8.63"	82.38"	1 3/8"	2 5/8"	3"	3/4"	300	375
	DXH50-1	-	-	59.00	57.00	4.75"	67.25"	72"	8.63"	82.63"	1 3/8"	3 1/8"	4" flange	3/4"	300	375
	DXH60-1	-	-	72.00	69.00	4.75"	79.25"	84"	8.63"	94.00"	1 5/8"	3 1/8"	4" flange	3/4"	300	375
	DXH80-1	-	-	94.00	90.50	5.75"	78.25"	84"	10.75"	95.38"	2 1/8"	3 1/8"	5" flange	3/4"	300	375

All ratings calculated using AHRI Standard 480-2007.
 Water inlet: 54°F Water outlet: 44°F Evap. Temp: 35°F Superheat: 7°F
 0.0001 hr-ft² — °F/Btu 100°F liquid refrigerant

Custom models are also available. Consult *Westermeyer Industries* for more information.

EVAPORATORS

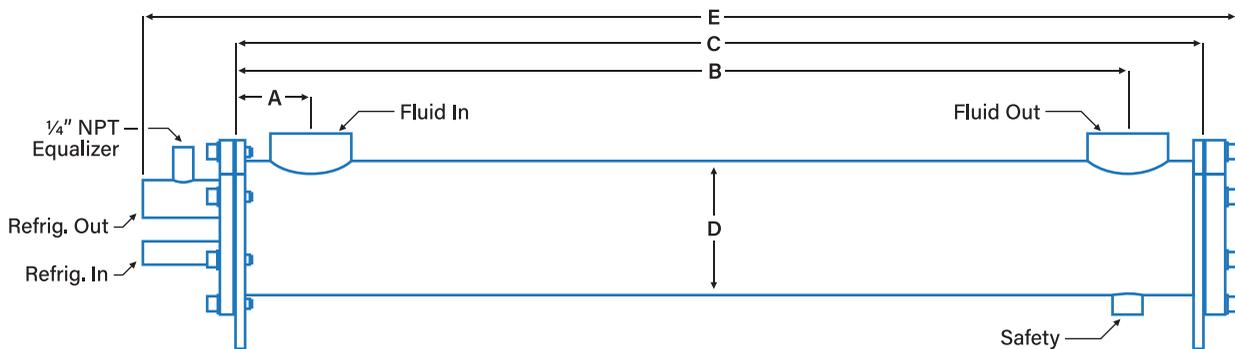
DX CHILLERS

DUAL-CIRCUIT



FEATURES

The internal design of our Direct-Expansion Chiller Barrels have been engineered for optimum heat transfer. The construction utilizes enhanced copper tubing for increased surface area and better heat transfer, without increasing the overall size. In addition, baffles are placed within our chillers to direct the water flow for maximum cooling effect. Externally, the entire chiller is wrapped in 3/4" insulation for maximum temperature retention after being powder coated for enhanced corrosion resistance.



See page 128 for replacement heat exchanger gaskets.

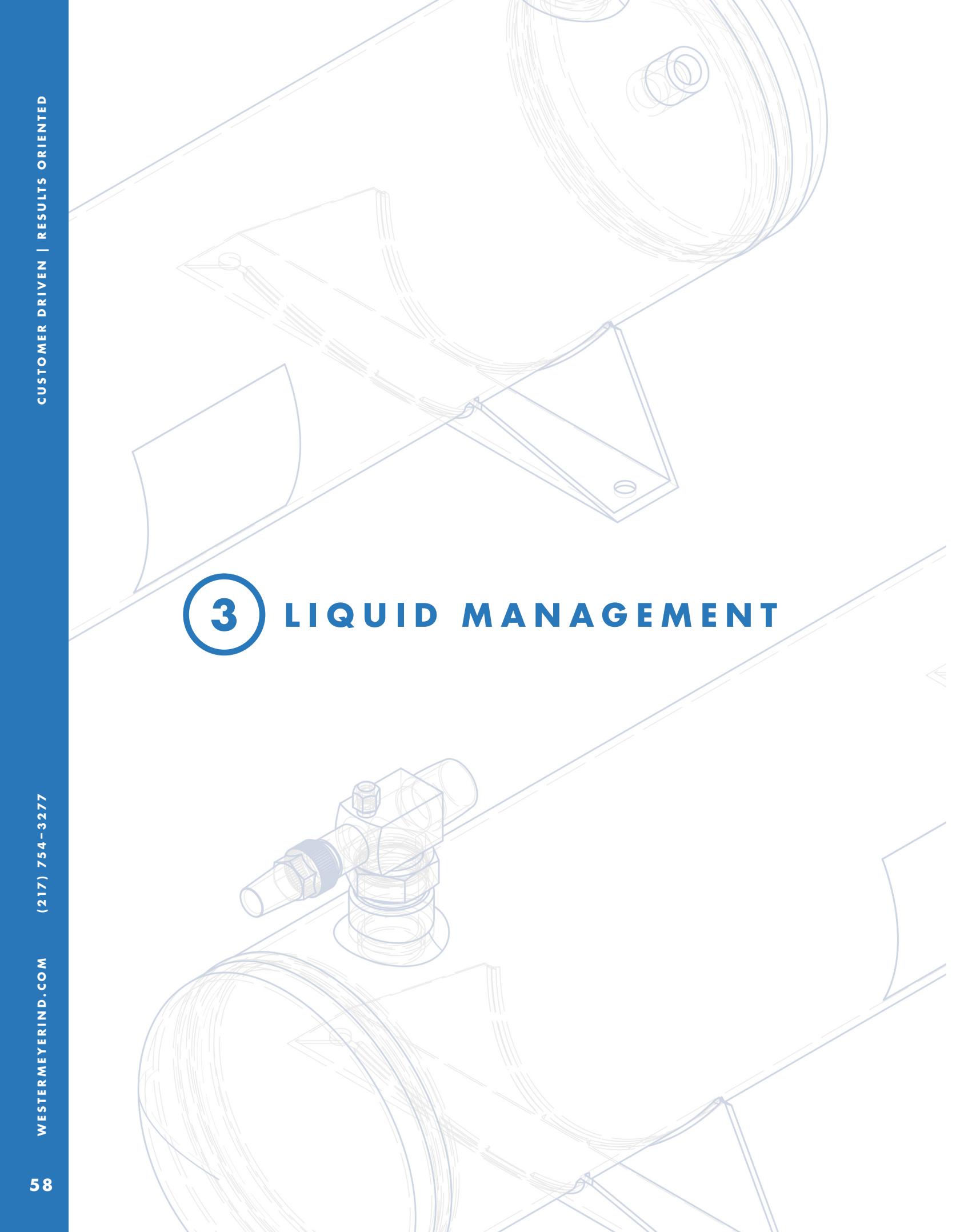
DX CHILLERS (DUAL CIRCUIT)

Catalog Number	Nom. Tons				Dimensions					Connections			Working Press. (Max. PSIG)			
	Clean/Fouled R22		Clean/Fouled R410A		A	B	C	D	E	RI/RO ODS	FI/FO NPT	S NPT	Shell	Tube		
UL Listed	DXH10-2	12.10	11.30	12.50	11.70	2.81"	33.19"	36"	5.00"	41.75"	5/8"	1 1/8"	2"	1/2"	225	375
	DXH12-2	15.90	13.20	15.30	14.40	2.94"	33.06"	36"	6.00"	41.00"	5/8"	1 1/8"	2"	1/2"	225	375
	DXH15-2	20.00	16.30	19.60	18.30	3.19"	32.81"	36"	6.00"	42.00"	7/8"	1 5/8"	2 1/2"	1/2"	225	375
	DXH20-2	24.10	19.60	24.90	23.30	3.50"	32.50"	36"	6.00"	42.00"	7/8"	1 5/8"	3"	1/2"	225	375
	DXH25-2	27.10	22.40	30.70	28.70	3.50"	32.50"	36"	6.00"	42.00"	7/8"	1 5/8"	3"	1/2"	225	375
ASME Low-Pressure	DX30-2	32.50	29.80	-	-	4.25"	67.75"	72"	6.63"	81.00"	7/8"	1 5/8"	3"	3/4"	150	300
	DX40-2	42.90	40.20	-	-	4.50"	67.75"	72"	8.63"	81.50"	1 1/8"	2 1/8"	3"	3/4"	150	300
	DX50-2	53.90	50.30	-	-	4.75"	67.25"	72"	8.63"	81.00"	1 1/8"	2 1/8"	4" flange	3/4"	150	300
	DX60-2	64.50	60.10	-	-	4.75"	79.25"	84"	8.63"	93.38"	1 1/8"	2 5/8"	4" flange	3/4"	150	300
	DX80-2	80.50	74.80	-	-	5.75"	78.25"	84"	10.75"	94.13"	1 3/8"	2 5/8"	5" flange	3/4"	150	300
	DX100-2	125.00	109.60	-	-	5.75"	78.25"	84"	10.75"	94.75"	1 3/8"	3 1/8"	5" flange	3/4"	150	300
	DX120-2	136.50	120.30	-	-	6.50"	77.72"	84"	12.75"	95.75"	1 3/8"	3 1/8"	6" flange	3/4"	150	225
	DX150-2	172.90	152.30	Contact Factory		6.38"	77.63"	84"	14.00"	95.88"	1 3/8"	2 5/8"	6" flange	3/4"	150	225
	DX175-2	198.10	174.80	Contact Factory		6.38"	77.63"	84"	14.00"	95.75"	1 3/8"	2 5/8"	6" flange	3/4"	150	225
	DX200-2	226.00	200.00	Contact Factory		7.50"	76.50"	84"	18.00"	96.25"	2 1/8"	3 5/8"	8" flange	3/4"	150	225
	DX250-2	285.00	250.00	Contact Factory		9.50"	74.50"	84"	18.00"	98.00"	2 5/8"	4 1/8"	8" flange	3/4"	150	300
ASME High-Pressure	DXH30-2	-	-	35.50	34.00	4.25"	67.75"	72"	6.63"	81.00"	7/8"	1 5/8"	3"	3/4"	300	375
	DXH40-2	-	-	47.00	45.00	4.50"	67.50"	72"	8.63"	81.13"	1 1/8"	2 1/8"	3"	3/4"	300	375
	DXH50-2	-	-	59.00	57.00	4.75"	67.25"	72"	8.63"	81.25"	1 1/8"	2 1/8"	4" flange	3/4"	300	375
	DXH60-2	-	-	72.00	69.00	4.75"	79.25"	84"	8.63"	93.38"	1 1/8"	2 5/8"	4" flange	3/4"	300	375
	DXH80-2	-	-	94.00	90.50	5.75"	78.25"	84"	10.75"	94.75"	1 3/8"	2 5/8"	5" flange	3/4"	300	375
	DXH100-2	-	-	118.00	113.00	5.75"	78.25"	84"	10.75"	94.75"	1 3/8"	3 1/8"	5" flange	3/4"	300	375
	DXH120-2	-	-	141.40	136.00	6.50"	77.50"	84"	12.75"	95.50"	1 3/8"	3 1/8"	6" flange	3/4"	300	375

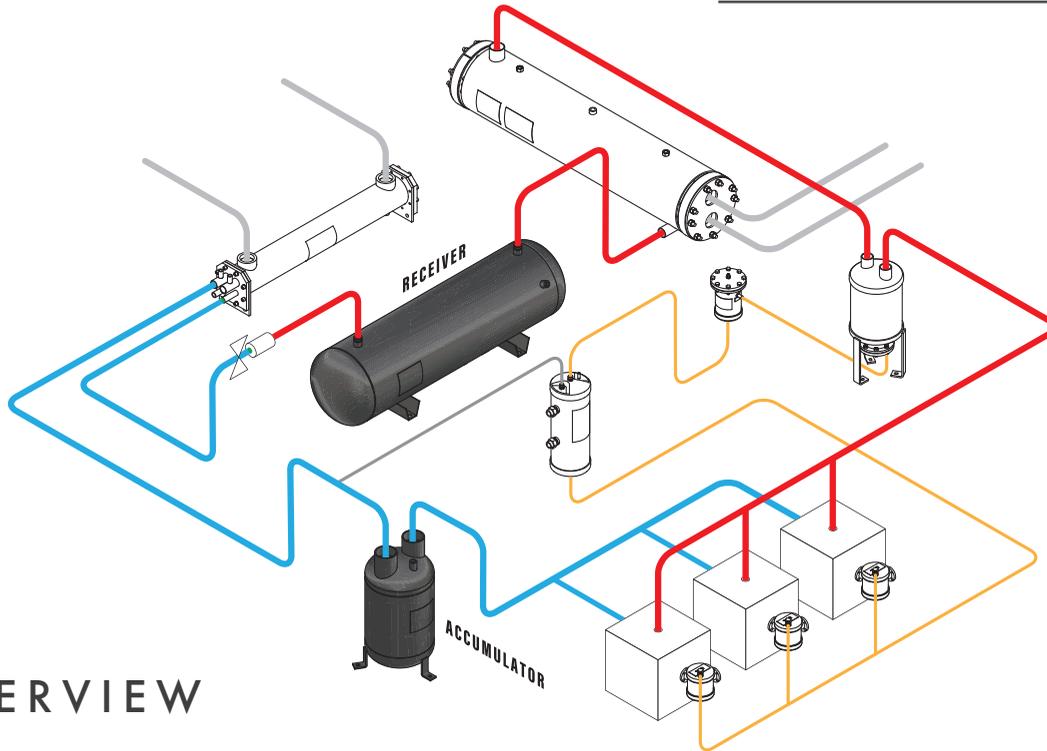
All ratings calculated using AHRI Standard 480-2007.

Water inlet: 54°F Water outlet: 44°F Evap. Temp: 35°F Superheat: 7°F
0.0001 hr-ft² - °F/Btu 100°F liquid refrigerant

Custom models are also available. Consult Westermeyer Industries for more information.



3 LIQUID MANAGEMENT



OVERVIEW

PERFORMANCE UNDER PRESSURE

Liquid Management components are designed to act as reservoirs to hold refrigerant fluid between stages of the active system. This includes liquid receivers designed to hold excess refrigerant between the condenser and the expansion device, as well as suction-line accumulators placed after the evaporator for compressor protection.

60 **RECEIVERS**

86 **ACCUMULATORS**

RECEIVERS

LIQUID RECEIVERS

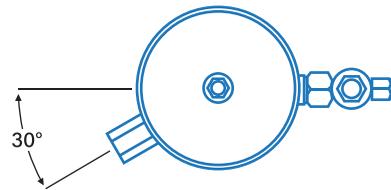
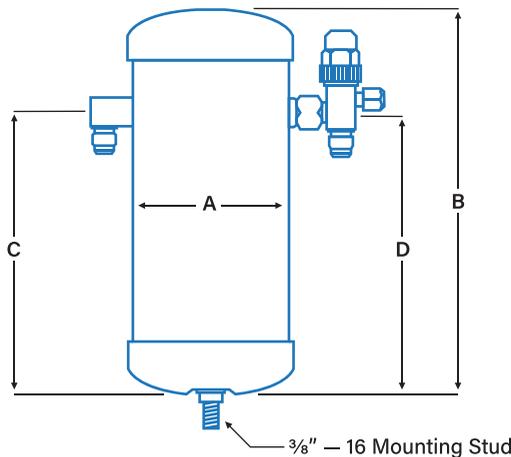
VERTICAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Removable swivel valves
- Powder paint finish
- Integrated 435° fusible plug*



LIQUID RECEIVERS (VERTICAL)

	Catalog Number	Dimensions				Inlet	Outlet	Holding Capacity (R404A)
		A	B	C	D			
Vertical	R3-01*	3.00"	10.00"	7.00"	7.00"	¼" flare elbow	¼" flare valve	2.00 lbs
	R4-01	4.00"	10.00"	7.25"	7.25"	⅜" flare elbow	⅜" flare valve	3.50 lbs
	R5-01	5.00"	10.00"	6.75"	6.75"	⅜" flare elbow	⅜" flare valve	5.50 lbs
	R6-01	6.00"	12.00"	8.00"	8.00"	⅜" flare elbow	⅜" flare valve	10.00 lbs
	R6-02	6.00"	18.00"	15.00"	15.00"	½" flare elbow	½" flare valve	15.25 lbs
	R6-03**	6.00"	24.00"	21.00"	15.00"	½" flare elbow	½" flare valve	20.50 lbs

*Vessels 3" diameter and smaller are exempt and do not include fusible plug.

**R6-03 supplied with three mounting legs instead of mounting stud.

All receiver pump-down capacities are calculated for 90% receiver volume at 90°F.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

LIQUID RECEIVERS

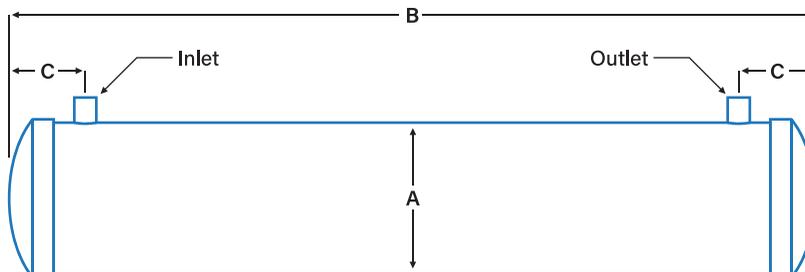
HORIZONTAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength and nitrogen tested for cleanliness
- Removable swivel valves available for some models
- Powder paint finish
- Integrated 435°F fusible plug



LIQUID RECEIVERS (HORIZONTAL)

	Catalog Number	Dimensions			Inlet	Outlet	Holding Capacity* (R404A)
		A	B	C			
Horizontal	R5-01HZ	5.00"	25.00"	3.00"	5/8" ODS	5/8" ODS	14.50 lbs
	R5-01HZA	5.00"	33.00"	3.00"	5/8" ODS	5/8" ODS	19.50 lbs
	R6-02HZ	6.00"	27.00"	3.00"	5/8" ODS	5/8" ODS	23.25 lbs
	R6-03HZ	6.00"	33.00"	3.00"	5/8" ODS	5/8" ODS	28.50 lbs
	R5-01HZV	5.00"	25.00"	3.00"	5/8" ODS valve	5/8" ODS valve	14.50 lbs
	R5-01HZAV	5.00"	33.00"	3.00"	5/8" ODS valve	5/8" ODS valve	19.50 lbs
	R6-02HZV	6.00"	27.00"	3.00"	5/8" ODS valve	5/8" ODS valve	23.25 lbs
	R6-03HZV	6.00"	33.00"	3.00"	5/8" ODS valve	5/8" ODS valve	28.50 lbs

*All receiver pump-down capacities are calculated for 90% receiver volume at 90°F.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

HIGH-PRESSURE RECEIVERS

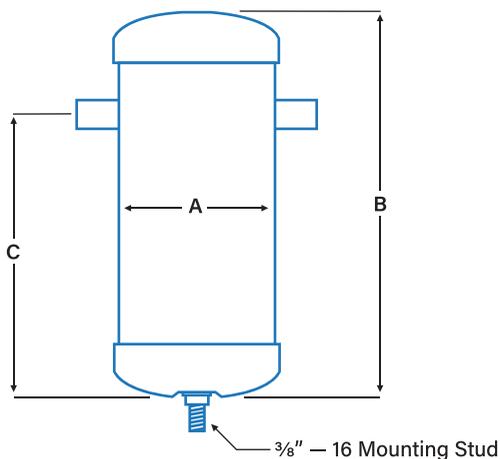
VERTICAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish
- Integrated 435°F fusible plug**



HIGH-PRESSURE RECEIVERS (VERTICAL)

	Catalog Number	Dimensions			Inlet/Outlet	Holding Capacity* (R410A)
		A	B	C		
Vertical	R3-02**	3.00"	10.00"	7.50"	½" ODS	2.00 lbs
	R4-02	4.00"	10.00"	7.50"	½" ODS	3.50 lbs
	R5-02	5.00"	10.00"	7.50"	⅝" ODS	5.25 lbs
	R6-04	6.00"	12.00"	8.00"	⅝" ODS	9.75 lbs

*All receiver pump-down capacities are calculated for 90% of receiver volume at 90°F for R410A.

**Vessels 3" diameter and smaller are exempt and do not include fusible plug.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

HIGH-PRESSURE RECEIVERS

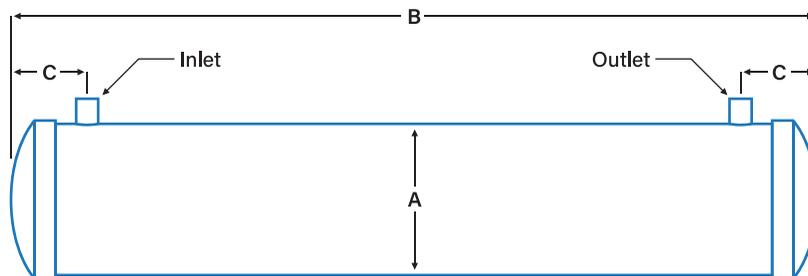
HORIZONTAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength and nitrogen tested for cleanliness
- Powder paint finish
- Integrated 435°F fusible plug



HIGH-PRESSURE RECEIVERS (HORIZONTAL)

	Catalog Number	Dimensions			Inlet/Outlet	Holding Capacity* (R410A)
		A	B	C		
Horizontal	R5-02HZ	5.00"	28.00"	3.00"	5/8" ODS	16.00 lbs
	R5-02HZA	5.00"	36.00"	3.00"	5/8" ODS	20.75 lbs
	R6-04HZ	6.00"	30.00"	3.00"	5/8" ODS	25.50 lbs
	R6-04HZA	6.00"	36.00"	3.00"	5/8" ODS	30.50 lbs
	R5-02HZV	5.00"	28.00"	3.00"	5/8" ODS valve	16.00 lbs
	R5-02HZAV	5.00"	36.00"	3.00"	5/8" ODS valve	20.75 lbs
	R6-04HZV	6.00"	30.00"	3.00"	5/8" ODS valve	25.50 lbs
	R6-04HZVA	6.00"	36.00"	3.00"	5/8" ODS valve	30.50 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R410A.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

BIFLOW RECEIVERS

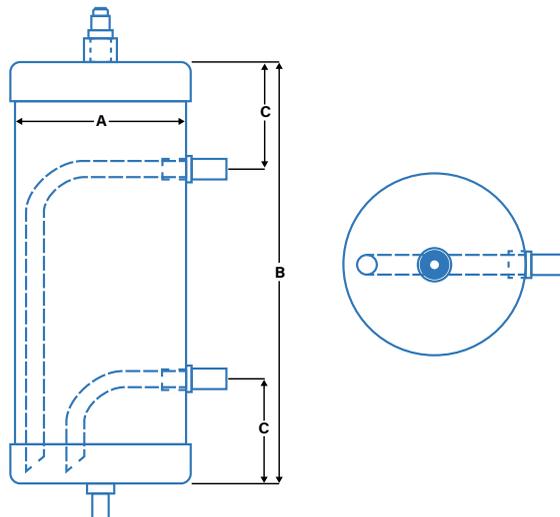
VERTICAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish
- Threaded fusible union rated to 430°F on UL models over 3" in diameter (smaller vessels are exempt)



BIFLOW RECEIVERS (VERTICAL)

	Catalog Number	Dimensions			In/Out	Holding Capacity (R454B)
		A	B	C		
Vertical	R3-02RVA-HP	3.00"	10.00"	2.00"	½"	1.77 lbs
	R4-02RVA-HP	4.00"	10.00"	2.50"	½"	3.15 lbs
	R5-02RVB-HP	5.00"	10.00"	3.00"	¾"	4.93 lbs
	R6-04RVA-HP	6.00"	12.00"	3.50"	¾"	8.75 lbs
	R6-04RVB-HP	6.00"	12.00"	3.50"	⅝"	8.75 lbs
	R6-04RVD-HP	6.00"	18.00"	3.50"	¾"	13.16 lbs
	R6-04RVF-HP	6.00"	24.00"	4.50"	1 ⅛"	17.58 lbs
	R6-04RVG-HP	6.00"	30.00"	4.50"	1 ⅛"	22.00 lbs

CUSTOM MODELS

All catalog receivers can be modified to meet your specific requirements. Contact Westermeyer Industries for consultation and quotation.

RECEIVERS

BIFLOW RECEIVERS

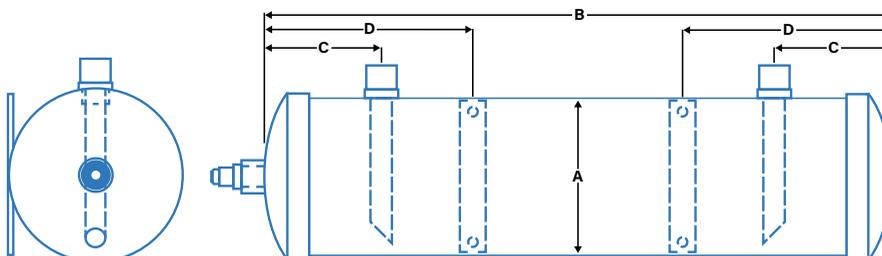
HORIZONTAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish
- Threaded fusible union rated to 430°F on UL models over 3" in diameter (smaller vessels are exempt)



LIQUID RECEIVERS (HORIZONTAL)

	Catalog Number	Dimensions				In/Out	Holding Capacity (R454B)
		A	B	C	D		
Horizontal	R3-02HZA-HP	3.00"	10.00"	3.00"	2.00"	1/2"	1.87 lbs
	R4-02HZA-HP	4.00"	10.00"	2.50"	2.50"	1/2"	3.33 lbs
	R5-02HZA-HP	5.00"	10.00"	3.00"	3.00"	5/8"	5.21 lbs
	R6-04HZC-HP	6.00"	13.00"	4.50"	4.00"	5/8"	10.03 lbs
	R6-04HZD-HP	6.00"	18.00"	4.50"	6.00"	5/8"	13.90 lbs
	R6-04HZE-HP	6.00"	24.00"	4.50"	8.00"	7/8"	18.56 lbs
	R6-04HZF-HP	6.00"	24.00"	4.50"	8.00"	1 1/8"	18.56 lbs
	R6-04HZG-HP	6.00"	30.00"	3.00"	3.00"	1 1/8"	23.21 lbs
	R6-04HZJ-HP	6.00"	36.00"	3.63"	9.00"	1 1/8"	27.86 lbs

CUSTOM MODELS

All catalog receivers can be modified to meet your specific requirements. Contact Westermeyer Industries for consultation and quotation.

RECEIVERS

ASME RECEIVERS

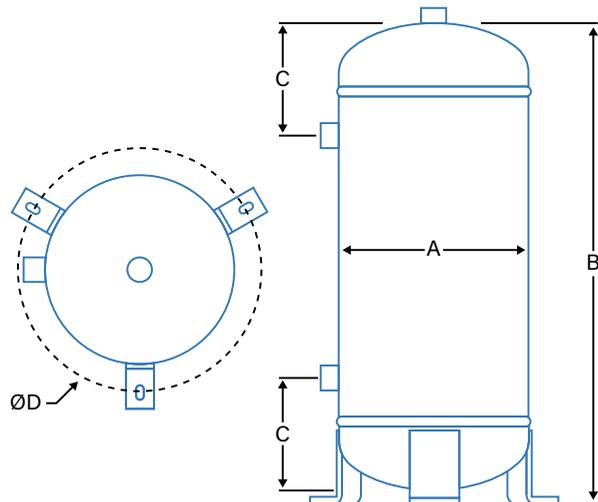
VERTICAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

ASME receivers have been designed to conform to the many requirements of the system designer. All receivers are ASME certified and are "U" stamped in accordance with ASME Sec. VIII code. Vessels are manufactured using code cases 1518.8 and 2148.

Inlet and outlet connections may be modified to other connection styles such as Rotolock spuds or pipe threads.



ASME RECEIVERS (VERTICAL)

Catalog Number	Dimensions				ODS Inlet	ODS Outlet	Relief FPT	Holding Capacity* (R404A)
	A	B	C	D				
RV615	6.63"	15.00"	4.63"	9.12"	5/8"	5/8"	3/8"	14 lbs
RV812	8.63"	12.00"	4.63"	10.63"	5/8"	5/8"	3/8"	18 lbs
RV816	8.63"	16.00"	4.63"	10.63"	5/8"	5/8"	3/8"	26 lbs
RV1018	10.75"	18.00"	6.50"	13.25"	1 1/8"	1 1/8"	1/2"	44 lbs
RV1218	12.75"	18.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	63 lbs
RV1220	12.75"	20.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	71 lbs
RV1224	12.75"	24.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	87 lbs
RV1236	12.75"	36.00"	6.50"	15.38"	1 3/8"	1 1/8"	1/2"	135 lbs
RV1248	12.75"	48.00"	6.50"	15.38"	1 3/8"	1 1/8"	1/2"	183 lbs
RV1424	14.00"	24.00"	7.50"	16.60"	1 3/8"	1 3/8"	1/2"	99 lbs
RV1446	14.00"	46.00"	8.00"	16.60"	1 5/8"	1 5/8"	1/2"	208 lbs
RV1660	16.00"	60.00"	8.00"	18.60"	2 5/8"	2 1/8"	1/2"	352 lbs
RV1862	18.00"	62.00"	10.00"	20.60"	2 5/8"	2 1/8"	1/2"	465 lbs

*All receiver pump-down capacities are calculated for 90% of receiver volume at 90°F for R22.

ORDERING OPTIONS

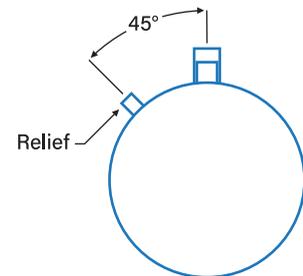
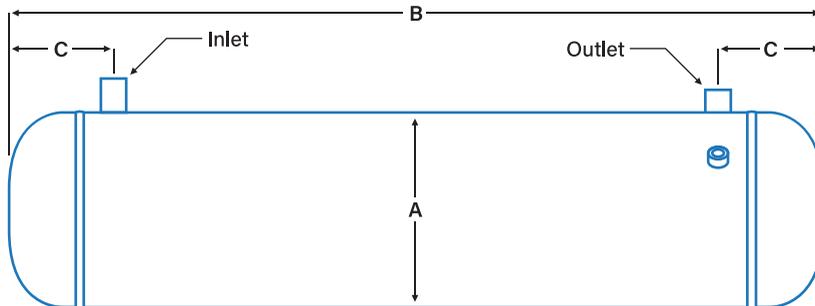
- Rotolock connections and valves
- Sight glasses and liquid level indicator connections
- Mounting brackets and various pipe threaded connections

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

ASME RECEIVERS

HORIZONTAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

ASME receivers have been designed to conform to the many requirements of the system designer. All receivers are ASME certified and are "U" stamped in accordance with ASME Sec. VIII code. Vessels are manufactured using code cases 1518.8 and 2148.

Inlet and outlet connections may be modified to other connection styles such as Rotolock spuds or pipe threads.



ASME RECEIVERS (HORIZONTAL)

Catalog Number	Dimensions			ODS Inlet	ODS Outlet	Relief FPT	Holding Capacity* (R404A)
	A	B	C				
RH636	6.63"	36.00"	4.63"	7/8"	7/8"	3/8"	36 lbs
RH836	8.63"	36.00"	4.63"	1 1/8"	1 1/8"	1/2"	62 lbs
RH842	8.63"	42.00"	4.63"	1 1/8"	1 1/8"	1/2"	72 lbs
RH848	8.63"	48.00"	4.63"	1 1/8"	1 1/8"	1/2"	84 lbs
RH860	8.63"	60.00"	6.00"	1 1/8"	1 1/8"	1/2"	106 lbs
RH872	8.63"	72.00"	4.63"	1 1/8"	1 1/8"	1/2"	127 lbs
RH1036	10.75"	36.00"	6.36"	1 3/8"	1 3/8"	1/2"	94 lbs
RH1048	10.75"	48.00"	6.50"	1 3/8"	1 3/8"	1/2"	127 lbs
RH1060	10.75"	60.00"	6.50"	1 3/8"	1 3/8"	1/2"	162 lbs
RH1072	10.75"	72.00"	6.50"	1 3/8"	1 3/8"	1/2"	198 lbs
RH1084	10.75"	84.00"	6.50"	1 5/8"	1 5/8"	1/2"	233 lbs
RH1096	10.75"	96.00"	6.50"	1 5/8"	1 5/8"	1/2"	267 lbs
RH1248	12.75"	48.00"	8.00"	1 5/8"	1 5/8"	1/2"	183 lbs
RH1260	12.75"	60.00"	8.00"	1 5/8"	1 5/8"	1/2"	232 lbs
RH1272	12.75"	72.00"	8.00"	2 1/8"	1 3/8"	1/2"	279 lbs
RH1296	12.75"	96.00"	8.00"	2 1/8"	1 3/8"	1/2"	376 lbs
RH1472	14.00"	72.00"	8.00"	2 1/8"	1 3/8"	1/2"	333 lbs
RH1672	16.00"	72.00"	9.00"	2 5/8"	2 1/8"	1/2"	427 lbs
RH1872	18.00"	72.00"	10.00"	3 1/8"	2 1/8"	1/2"	545 lbs
RH2072	20.00"	72.00"	11.00"	3 1/8"	2 5/8"	1/2"	673 lbs
RH24120	24.00"	120.00"	13.00"	4 1/8"	3 5/8"	3/4"	1633 lbs
RH30120	30.00"	120.00"	15.00"	4 1/8"	3 5/8"	3/4"	2522 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R22.

ORDERING OPTIONS

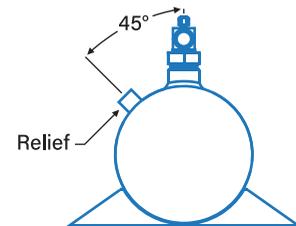
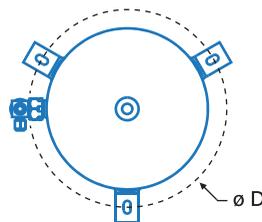
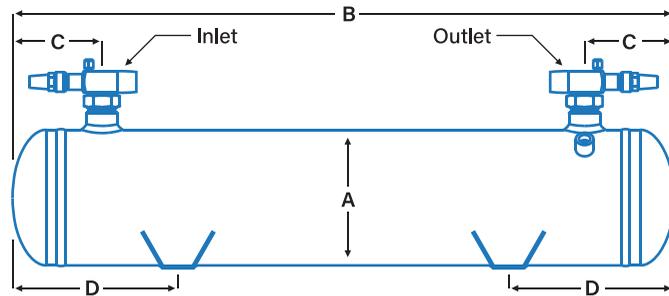
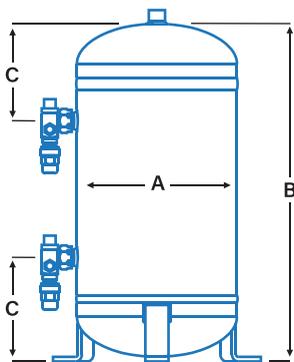
Rotolock connections, valves, various pipe threaded connections, sight glasses, liquid level indicator connections, mounting brackets and more.

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

ASME RECEIVERS WITH SERVICEABLE VALVES & BRACKETS

MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

ASME receivers have been designed to conform to the many requirements of the system designer. All receivers are ASME certified and are "U" stamped in accordance with ASME Sec. VIII code. Vessels are manufactured using code cases 1518.8 and 2148.

These "UV" and "RBV" models have serviceable Rotolock valves included, as well as mounting brackets on horizontal models.



ASME RECEIVERS W/ SERVICEABLE VALVES & BRACKETS

	Catalog Number	Dimensions				ODS	Relief NPT	Holding Capacity* (R404A)	Valve Number
		A	B	C	D				
Vertical	RV818UV	8.63"	18"	5 3/8"	10 5/8"	1/2"	3/8"	30 lbs	50-018K
	RV824UV	8.63"	24"	5 3/8"	10 5/8"	5/8"	3/8"	41 lbs	50-019K
	RV832UV	8.63"	32"	5 1/2"	10 5/8"	7/8"	3/8"	55 lbs	50-034K
	RV1018UV	10.75"	18"	6 5/8"	13 1/4"	7/8"	1/2"	44 lbs	50-034K
	RV1024UV	10.75"	24"	6 5/8"	13 1/4"	7/8"	1/2"	61 lbs	50-034K
	RV1028UV	10.75"	28"	6 5/8"	13 1/4"	1 1/8"	1/2"	73 lbs	50-042K
	RV1038UV	10.75"	38"	6 5/8"	13 1/4"	1 1/8"	1/2"	101 lbs	50-042K
	RV1218UV	12.75"	18"	7 7/8"	15 1/4"	7/8"	1/2"	63 lbs	50-034K
	RV1220UV	12.75"	20"	7 7/8"	15 3/8"	7/8"	1/2"	71 lbs	50-034K
	RV1224UV	12.75"	24"	7 7/8"	15 3/8"	7/8"	1/2"	87 lbs	50-034K
	RV1236UV	12.75"	36"	7 7/8"	15 3/8"	1 1/8"	1/2"	135 lbs	50-042K
	RV1242UV	12.75"	42"	7 7/8"	15 3/8"	1 1/8"	1/2"	159 lbs	50-042K
	RV1446UV	14.00"	46"	9"	16 5/8"	1 3/8"	1/2"	221 lbs	50-043K
	RV1648UV	16.00"	48"	8 1/2"	18 3/8"	1 5/8"	1/2"	278 lbs	50-062K
	RV1660UV	16.00"	60"	8 1/2"	18 3/8"	1 5/8"	1/2"	315 lbs	50-062K
	RV1862UV	18.00"	62"	8 1/2"	20 5/8"	1 5/8"	1/2"	402 lbs	A17534
Horizontal	RH36RBV	6.63"	36"	4.63"	12"	5/8"	1/4"	36 lbs	50-019
	RH638RBV(L)**	6.63"	38"	5"	9 1/2"	5/8"	1/2"	39 lbs	50-019K
	RH836RBV	8.63"	36"	5 5/8"	9"	7/8"	1/2"	62 lbs	50-034K
	RH842RBV	8.63"	42"	5 5/8"	10 1/2"	1 1/8"	1/2"	72 lbs	50-042K
	RH848RBV	8.63"	48"	5 5/8"	12"	1 1/8"	1/2"	84 lbs	50-042K
	RH1036RBV	10.75"	36"	7"	9"	1 1/8"	1/2"	94 lbs	50-042K
	RH1048RBV	10.75"	48"	7"	12"	1 1/8"	1/2"	127 lbs	50-042K
	RH1060RBV	10.75"	60"	7"	15"	1 1/8"	1/2"	162 lbs	50-042K
	RH1072RBV	10.75"	72"	7"	18"	1 1/8"	1/2"	195 lbs	50-042K
	RH1248RBV	12.75"	48"	8 1/2"	12"	1 3/8"	1/2"	183 lbs	50-043K
	RH1260RBV	12.75"	60"	8 1/2"	15"	1 3/8"	1/2"	232 lbs	50-043K
	RH1272RBV	12.75"	72"	8 1/2"	18"	1 3/8"	1/2"	276 lbs	50-043K
	RH1472RBV	14.00"	72"	9 1/2"	18"	1 5/8"	1/2"	337 lbs	50-062K
	RH1496RBV	14.00"	96"	9 1/2"	24"	1 5/8"	1/2"	448 lbs	50-062K
RH1696RBV	16.00"	96"	9"	24"	2 1/8"	1/2"	576 lbs	A17495	

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R22.

R410A High-Pressure models also available.

**On Horizontal Models, add "L" to add Rotolock connection for Refri-Shield Liquid Level Gauge (Page 108).

RECEIVERS

HIGH-PRESSURE ASME RECEIVERS

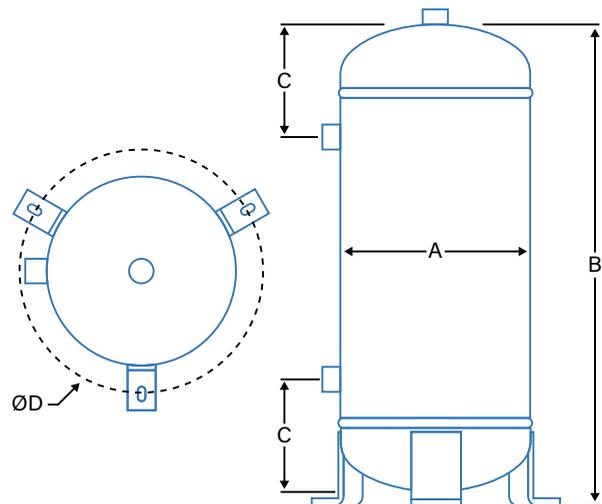
VERTICAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

ASME receivers have been designed to conform to the many requirements of the system designer. All receivers are ASME certified and are "U" stamped in accordance with ASME Sec. VIII code. Vessels are manufactured using code cases 1518.8 and 2148.

Inlet and outlet connections may be modified to other connection styles such as Rotolock spuds or pipe threads.



HIGH-PRESSURE ASME RECEIVERS (VERTICAL)

Catalog Number	Dimensions				ODS Inlet	ODS Outlet	Relief FPT	Holding Capacity* (R410A)
	A	B	C	D				
RVH615	6.63"	15.00"	4.63"	9.12"	5/8"	5/8"	3/8"	14 lbs
RVH812	8.63"	12.00"	4.63"	10.63"	5/8"	5/8"	3/8"	19 lbs
RVH816	8.63"	16.00"	4.63"	10.63"	5/8"	5/8"	3/8"	26 lbs
RVH1018	10.75"	18.00"	6.50"	13.25"	1 1/8"	1 1/8"	1/2"	41 lbs
RVH1218	12.75"	18.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	60 lbs
RVH1220	12.75"	20.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	68 lbs
RVH1224	12.75"	24.00"	6.50"	15.38"	1 1/8"	1 1/8"	1/2"	83 lbs
RVH1236	12.75"	36.00"	6.50"	15.38"	1 3/8"	1 1/8"	1/2"	127 lbs
RVH1248	12.75"	48.00"	6.50"	15.38"	1 3/8"	1 1/8"	1/2"	172 lbs
RVH1446	14.00"	46.00"	8.00"	16.60"	1 5/8"	1 5/8"	1/2"	195 lbs
RVH1660	16.00"	60.00"	8.00"	18.60"	2 5/8"	2 1/8"	1/2"	335 lbs
RVH1862	18.00"	62.00"	10.00"	20.60"	2 5/8"	2 1/8"	1/2"	444 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R410a.

ORDERING OPTIONS

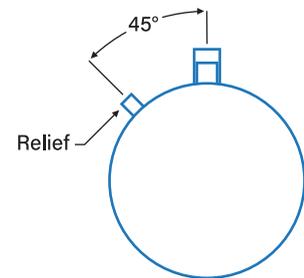
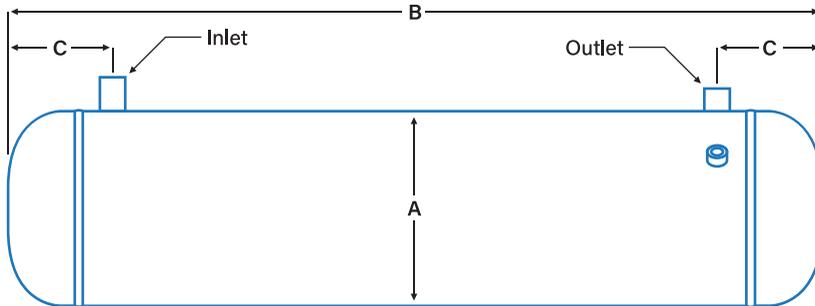
- Rotolock connections and valves
- Sight glasses and liquid level indicator flanges
- Mounting brackets and various pipe threaded connections

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

HIGH-PRESSURE ASME RECEIVERS

HORIZONTAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

ASME receivers have been designed to conform to the many requirements of the system designer. All receivers are ASME certified and are "U" stamped in accordance with ASME Sec. VIII code. Vessels are manufactured using code cases 1518.8 and 2148.

Inlet and outlet connections may be modified to other connection styles such as Rotolock spuds or pipe threads.



HIGH-PRESSURE ASME RECEIVERS (HORIZONTAL)

Catalog Number	Dimensions			ODS Inlet	ODS Outlet	Relief FPT	Holding Capacity* (R410A)
	A	B	C				
RHH636	6.63"	36.00"	4.63"	7/8"	7/8"	3/8"	35 lbs
RHH836	8.63"	36.00"	4.63"	1 1/8"	1 1/8"	1/2"	60 lbs
RHH842	8.63"	42.00"	4.63"	1 1/8"	1 1/8"	1/2"	70 lbs
RHH848	8.63"	48.00"	4.63"	1 1/8"	1 1/8"	1/2"	80 lbs
RHH860	8.63"	60.00"	6.00"	1 1/8"	1 1/8"	1/2"	101 lbs
RHH872	8.63"	72.00"	4.63"	1 1/8"	1 1/8"	1/2"	121 lbs
RHH1036	10.75"	36.00"	6.36"	1 3/8"	1 3/8"	1/2"	89 lbs
RHH1048	10.75"	48.00"	6.50"	1 3/8"	1 3/8"	1/2"	120 lbs
RHH1060	10.75"	60.00"	6.50"	1 3/8"	1 3/8"	1/2"	152 lbs
RHH1072	10.75"	72.00"	6.50"	1 3/8"	1 3/8"	1/2"	184 lbs
RHH1084	10.75"	84.00"	6.50"	1 5/8"	1 5/8"	1/2"	215 lbs
RHH1096	10.75"	96.00"	6.50"	1 5/8"	1 5/8"	1/2"	247 lbs
RHH1248	12.75"	48.00"	8.00"	1 5/8"	1 5/8"	1/2"	172 lbs
RHH1260	12.75"	60.00"	8.00"	1 5/8"	1 5/8"	1/2"	217 lbs
RHH1272	12.75"	72.00"	8.00"	2 1/8"	1 3/8"	1/2"	262 lbs
RHH1296	12.75"	96.00"	8.00"	2 1/8"	1 3/8"	1/2"	351 lbs
RHH1472	14.00"	72.00"	8.00"	2 1/8"	1 3/8"	1/2"	310 lbs
RHH1672	16.00"	72.00"	9.00"	2 5/8"	2 1/8"	1/2"	406 lbs
RHH1872	18.00"	72.00"	10.00"	3 1/8"	2 1/8"	1/2"	520 lbs
RHH2072	20.00"	72.00"	11.00"	3 1/8"	2 5/8"	1/2"	634 lbs
RHH24120	24.00"	120.00"	13.00"	4 1/8"	3 5/8"	3/4"	1552 lbs
RHH30120	30.00"	120.00"	15.00"	4 1/8"	3 5/8"	3/4"	2394 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R410a.

ORDERING OPTIONS

Rotolock connections, valves, various pipe threaded connections, sight glasses, liquid level indicator flanges, mounting brackets and more.

All catalog receivers can also be modified to meet your specific requirements. Consult Westermeyer Industries for consultation and quotation.

RECEIVERS

ASME BIFLOW RECEIVERS

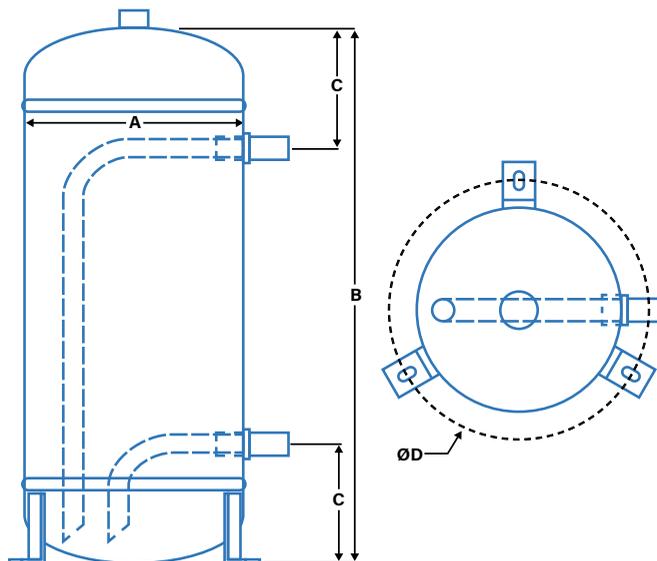
VERTICAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish



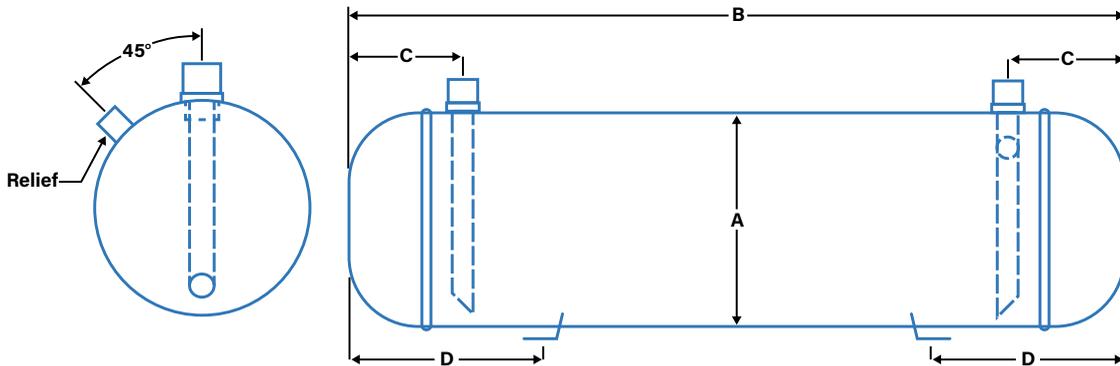
ASME BIFLOW RECEIVERS (VERTICAL)

	Catalog Number	Dimensions				ODS Inlet	Holding Capacity (R454B)
		A	B	C	D		
Vertical	RVH615-HP	6.63"	15.00"	4.63"	9.12"	5/8"	10.98 lbs
	RVH816-HP	8.63"	16.00"	4.63"	10.63"	7/8"	11.84 lbs
	RVH1018-HP	10.75"	18.00"	6.50"	13.25"	1 1/8"	38.87 lbs

RECEIVERS

ASME BIFLOW RECEIVERS

HORIZONTAL / MAXIMUM WORKING PRESSURE: 675 PSIG



FEATURES

Liquid receivers are designed to hold excess refrigerant between the condenser and expansion device. Our receivers are designed with liquid capacities in accordance with ASHRAE standards.

- Welded and brazed for higher strength
- Nitrogen tested for cleanliness
- Powder paint finish



ASME BIFLOW RECEIVERS (HORIZONTAL)

	Catalog Number	Dimensions				In/Out	Holding Capacity (R454B)
		A	B	C	D		
Horizontal	RHH636-HP	6.63"	36.00"	4.63"	12.00"	7/8"	29.04 lbs
	RHH836-HP	8.63"	36.00"	5.63"	9.00"	1 1/8"	49.30 lbs
	RHH848-HP	8.63"	48.00"	4.63"	12.00"	1 1/8"	67.57 lbs
	RHH1048-HP	10.75"	48.00"	6.59"	12.00"	1 3/8"	103.08 lbs

ACCUMULATORS

SUCTION LINE ACCUMULATORS

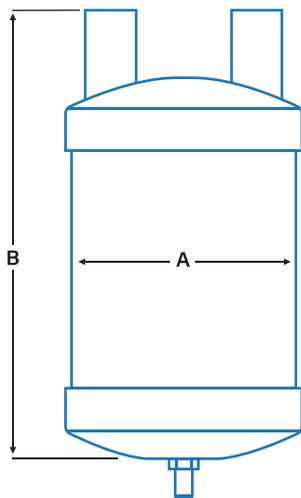
VERTICAL / MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Suction line accumulators are designed to act as a temporary holding vessel between the outlet of the evaporator and the inlet of the compressor. During flood-back conditions, the accumulator traps the liquid charge and allows it to be evaporated and fed to the compressor at a controlled rate.

- Nitrogen tested for cleanliness
- Nickel plated connections and powder-paint finish
- Screened orifice for proper oil return
- Integrated 435°F fusible plug on vessels over 3" in diameter (Smaller vessels are exempt)



SUCTION LINE ACCUMULATORS (VERTICAL)

Catalog Number	Dimensions			Recommended Tons of Refrigeration										Holding Capacity* (R404A)		
	ODS	A	B	R134A				R22				R404A				
				-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max							
A3-04(HP)**	½"	3.00"	11.00"	0.01	0.07	0.10	0.58	0.02	0.16	0.15	0.91	0.02	0.14	0.12	0.72	1.50 lbs
A4-04	½"	4.00"	11.00"	0.01	0.07	0.10	0.58	0.02	0.16	0.15	0.91	0.02	0.14	0.12	0.72	2.75 lbs
A4-05	⅝"	4.00"	11.00"	0.01	0.17	0.12	1.28	0.03	0.35	0.19	2.01	0.03	0.31	0.15	1.59	3.00 lbs
A4-06	¾"	4.00"	10.00"	0.02	0.25	0.16	1.92	0.04	0.53	0.25	3.01	0.03	0.47	0.19	2.39	2.50 lbs
A4-06B	¾"	4.00"	10.63"	0.02	0.25	0.16	1.92	0.04	0.53	0.25	3.01	0.03	0.47	0.19	2.39	2.75 lbs
A5-07	⅞"	5.00"	10.00"	0.04	0.34	0.35	2.55	0.09	0.70	0.55	4.00	0.08	0.62	0.44	3.17	3.25 lbs
A5-07F	⅞"	5.00"	13.00"	0.04	0.34	0.35	2.55	0.09	0.70	0.55	4.00	0.08	0.62	0.44	3.17	4.75 lbs
A6-11	1 ⅛"	6.00"	18.75"	0.06	0.78	0.51	5.84	0.14	1.61	0.80	9.16	0.12	1.42	0.63	7.26	11.25 lbs
A6-11AE	1 ⅛"	6.00"	15.00"	0.06	0.78	0.51	5.84	0.14	1.61	0.80	9.16	0.12	1.42	0.63	7.26	8.50 lbs
A6-13	1 ⅜"	6.00"	23.00"	0.17	1.46	1.29	10.90	0.35	3.02	2.02	17.09	0.31	2.66	1.60	13.55	14.00 lbs
A6-13Z	1 ⅜"	6.00"	20.25"	0.17	1.46	1.29	10.9	0.35	3.02	2.02	17.09	0.31	2.66	1.60	13.55	12.00 lbs
A6-15	1 ⅝"	6.00"	23.00"	0.44	2.42	3.27	18.04	0.90	4.99	5.12	28.27	0.79	4.40	4.06	22.42	13.00 lbs
A6-15R	1 ⅝"	6.00"	24.75"	0.44	2.42	3.27	18.04	0.90	4.99	5.12	28.27	0.79	4.40	4.06	22.42	14.25 lbs

*All capacities calculated at 85%.

**For heat-pump models, add "HP" to the end of the catalog number (ex: A3-04 becomes A3-04HP).

HOW TO CHOOSE

The accumulator should not be sized for less than 50% of the total system charge. The minimum capacity is the lowest amount that will ensure proper oil return.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

ACCUMULATORS

SUCTION LINE ACCUMULATORS

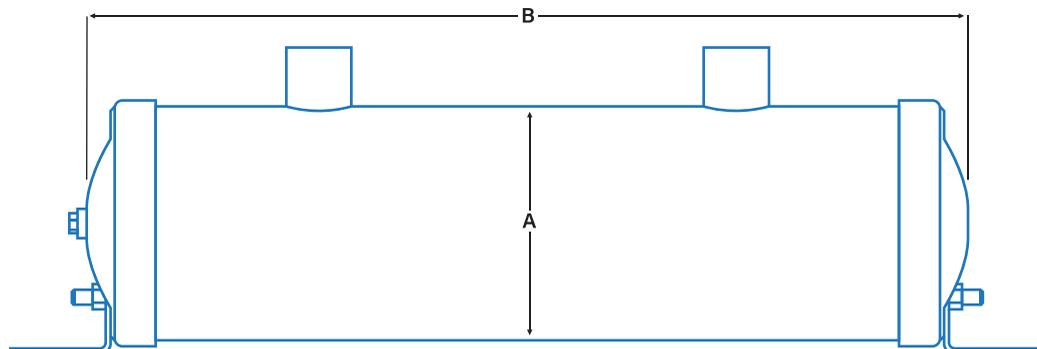
HORIZONTAL / MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Suction line accumulators are designed to act as a temporary holding vessel between the outlet of the evaporator and the inlet of the compressor. During flood-back conditions, the accumulator traps the liquid charge and allows it to be evaporated and fed to the compressor at a controlled rate.

- Nitrogen tested for cleanliness
- Nickel plated connections and powder-paint finish
- Screened orifice for proper oil return
- Integrated 435°F fusible plug



SUCTION LINE ACCUMULATORS (HORIZONTAL)

Catalog Number	Dimensions			Recommended Tons of Refrigeration												Capacity* (R404A)
	ODS	A	B	R134A				R22				R404A				
				-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max					
A6-11HZ	1 1/8"	6.00"	16.50"	0.06	0.78	0.51	5.84	0.14	1.61	0.80	9.16	0.12	1.42	0.63	7.26	10.75 lbs
A6-13HZ	1 3/8"	6.00"	22.50"	0.17	1.46	1.29	10.90	0.35	3.02	2.02	17.09	0.31	2.66	1.60	13.55	15.00 lbs
A6-15HZB	1 5/8"	6.00"	30.00"	0.44	2.42	3.27	18.04	0.90	4.99	5.12	28.27	0.79	4.40	4.06	22.42	20.00 lbs
A6-15HZC	2 1/8"	6.00"	48.00"	0.85	5.12	6.34	38.09	1.75	10.55	9.94	59.69	1.55	9.30	7.89	47.34	34.75 lbs

*All capacities calculated at 85%.

HOW TO CHOOSE

The accumulator should not be sized for less than 50% of the total system charge. The minimum capacity is the lowest amount that will ensure proper oil return.

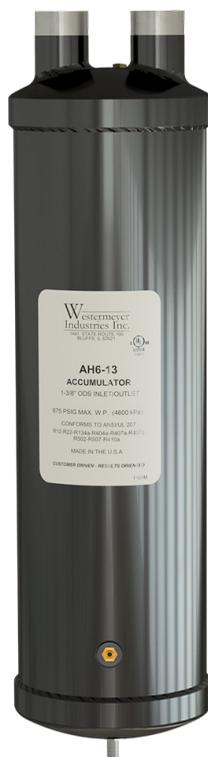
For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyerind.com or contact Westermeyer Industries for assistance.

ACCUMULATORS



SUCTION LINE ACCUMULATORS

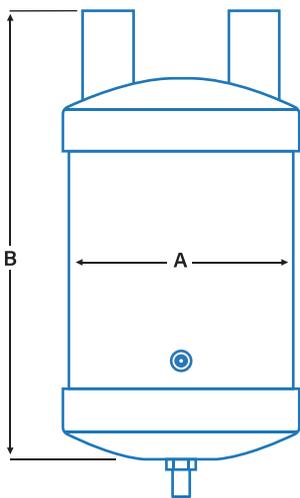
HIGH PRESSURE / MAXIMUM WORKING PRESSURE: 675 PSIG



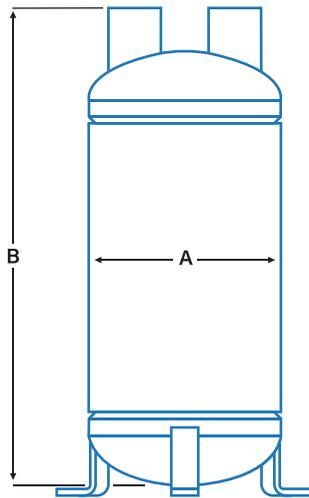
FEATURES

Suction line accumulators are designed to act as a temporary holding vessel between the outlet of the evaporator and the inlet of the compressor. During flood-back conditions, the accumulator traps the liquid charge and allows it to be evaporated and fed to the compressor at a controlled rate.

- Welded design for higher strength and a powder paint finish
- Nitrogen Tested for cleanliness
- Screened orifice for proper oil return
- Threaded fusible union rated to 430°F on UL models over 3" in diameter (smaller vessels are exempt)



UL MODELS



ASME MODELS



SUCTION LINE ACCUMULATORS (HIGH PRESSURE)

Catalog Number	ODS	Dimensions		Recommended Tons of Refrigeration		Holding Capacity* (R410A)	
		A	B	R410A +40°F Min/Max			
UL Listed	AH3-04(HP**)†	½"	3.00"	11.00"	0.22	1.32	1.50 lbs
	AH4-04	½"	4.00"	11.00"	0.22	1.32	2.50 lbs
	AH4-05	⅝"	4.00"	11.00"	0.28	2.91	3.00 lbs
	AH4-05A	⅝"	4.00"	6.63"	0.28	2.91	1.00 lbs
	AH4-05B	⅝"	4.00"	11.00"	0.28	2.91	3.25 lbs
	AH4-06	¾"	4.00"	10.00"	0.36	4.36	2.50 lbs
	AH4-06B	¾"	4.00"	10.63"	0.36	4.36	3.50 lbs
	AH5-07	⅞"	5.00"	10.00"	0.80	7.36	3.25 lbs
	AH5-07F	⅞"	5.00"	13.00"	0.80	7.36	4.75 lbs
	AH6-11	1 ⅛"	6.00"	18.75"	1.16	14.73	12.00 lbs
	AH6-11AE	1 ⅛"	6.00"	15.00"	1.16	14.73	8.25 lbs
	AH6-13	1 ⅜"	6.00"	23.00"	2.93	24.74	13.50 lbs
	AH6-13Z	1 ⅜"	6.00"	20.25"	2.93	24.74	11.50 lbs
	AH6-15	1 ⅝"	6.00"	23.00"	7.42	40.93	13.00 lbs
	AH6-15R	1 ⅝"	6.00"	24.75"	7.42	40.93	13.50 lbs
ASME	AH8-15	1 ⅝"	8.63"	22.00"	7.42	40.93	24.00 lbs
	AH8-21	2 ⅛"	8.63"	22.00"	14.40	98.54	24.00 lbs
	AH10-21	2 ⅛"	10.75"	22.00"	14.40	98.54	33.75 lbs
	AH10-25	2 ⅝"	10.75"	22.00"	20.46	140.23	29.50 lbs
	AH10-31	3 ⅛"	10.75"	25.00"	28.80	208.45	25.25 lbs
	AH12-31	3 ⅛"	12.75"	25.00"	28.80	208.45	52.00 lbs

*All capacities calculated at 85%.

**For heat-pump models, add "HP" to the end of the catalog number (ex: AH3-04 becomes A3-04HP).

†Vessels 3" diameter and smaller are exempt and do not include fusible plug.

HOW TO CHOOSE

The accumulator should not be sized for less than 50% of the total system charge. The minimum capacity is the lowest amount that will ensure proper oil return.

For refrigerants and conditions not listed, see our online sizing calculator at www.westermeyrind.com or contact Westermeyer Industries for assistance.

ACCUMULATORS

ASME ACCUMULATORS

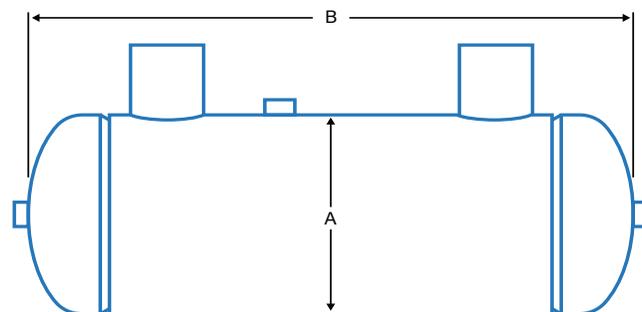
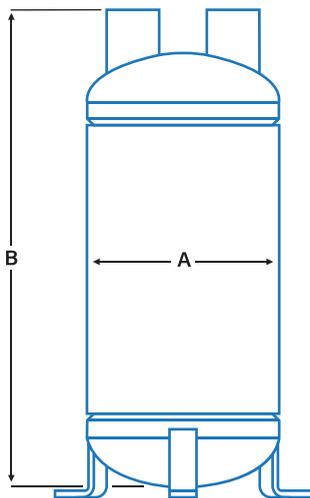
MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

ASME accumulators are used to prevent costly damage from liquid slugging of the compressor during a flood-back condition. Our accumulators capture excess liquid leaving the evaporator, allowing the system to vaporize it during normal operation, returning only refrigerant vapor to the compressor. A weep hole is included on the internal tube to facilitate proper oil return from the accumulator to the operating system.

- Low pressure drop
- Positive oil return
- Powder paint finish to protect the accumulator during condensation



ASME ACCUMULATORS

	Catalog Number*	Dimensions		ODS Conn.	Holding Capacity** (R404A)
		A	B		
Vertical	A8-15	8.63"	21.50"	1 5/8"	26.00 lbs
	A8-21	8.63"	22.00"	2 1/8"	26.00 lbs
	A10-21	10.75"	21.50"	2 1/8"	38.00 lbs
	A10-25	10.75"	21.50"	2 5/8"	38.00 lbs
	A10-31	10.75"	21.50"	3 1/8"	30.00 lbs
	A12-31	12.75"	25.00"	3 1/8"	55.00 lbs
	A14-41	14.00"	34.50"	4 1/8"	87.00 lbs
	A16-41	16.00"	31.00"	4 1/8"	92.00 lbs
	A20-41	20.00"	44.50"	4 1/8"	248.00 lbs
Horiz.	A8-25HZA	8.63"	24.00"	2 5/8"	32.00 lbs
	A10-31HZA	10.75"	24.00"	3 1/8"	46.00 lbs

*Custom sizes are also available.

**All capacities calculated at 85%.

SEE NEXT PAGE FOR ACCUMULATOR TONNAGE RATINGS

HOW TO CHOOSE

The accumulator is placed between the evaporator and compressor to intercept excess liquid. To size the accumulator, select the model with the tonnage nearest to the tonnage of the operating system.

Care must be taken to evaluate the amount of liquid holding capacity needed. We recommend the holding capacity not be less than 50% of the system charge. The minimum tonnage is the lowest capacity that will provide adequate oil return from the accumulator.

While these are general guidelines, it is the responsibility of the system designer to select and apply the accumulator properly.

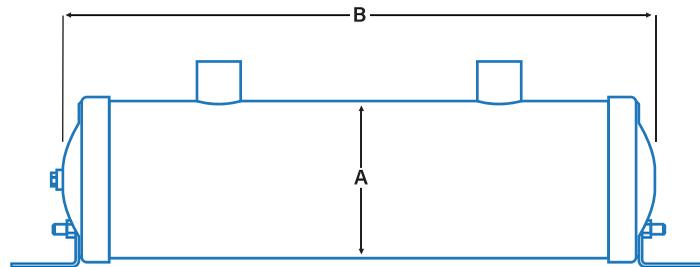
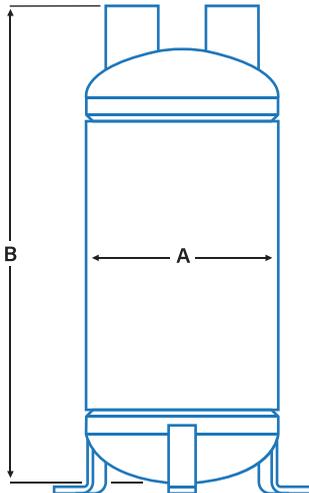
Contact Westermeyer Industries for help in selecting the proper model.

ACCUMULATORS

ASME ACCUMULATORS (CONTINUED)

	Catalog Number	Recommended Tons of R22 Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
Vertical	A8-15	0.90	4.90	1.40	8.10	2.30	12.80	3.50	19.30	5.10	28.20
	A8-21	1.70	10.50	2.80	17.20	4.50	27.00	6.80	40.80	9.90	59.60
	A10-21	1.70	10.50	2.80	17.20	4.50	27.00	6.80	40.80	9.90	59.60
	A10-25	2.40	16.00	4.00	26.20	6.40	41.00	9.60	62.00	14.10	90.50
	A10-31	3.50	23.40	5.70	38.30	9.00	60.10	13.60	90.60	19.80	132.40
	A12-31	3.50	23.40	5.70	38.30	9.00	60.10	13.60	90.60	19.80	132.40
	A14-41	12.00	37.20	19.70	61.00	30.80	95.70	46.50	144.40	68.00	211.00
	A16-41	12.00	37.20	19.70	61.00	30.80	95.70	46.50	144.40	68.00	211.00
	A20-41	12.00	37.20	19.70	61.00	30.80	95.70	46.50	144.40	68.00	211.00
Horiz.	A8-25HZA	1.70	10.50	2.80	17.20	4.50	27.00	6.80	40.80	9.90	59.60
	A10-31HZA	3.50	23.40	5.70	38.30	9.00	60.10	13.60	90.60	19.80	132.40

	Catalog Number	Recommended Tons of R404A Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
Vertical	A8-15	0.70	4.40	1.30	7.40	2.10	12.10	3.40	18.80	5.10	28.30
	A8-21	1.50	9.30	2.60	15.70	4.20	25.50	6.60	39.70	9.90	59.80
	A10-21	1.50	9.30	2.60	15.70	4.20	25.50	6.60	39.70	9.90	59.80
	A10-25	2.20	14.10	3.70	23.90	6.00	38.70	9.40	60.20	14.10	90.70
	A10-31	3.10	20.60	5.20	35.00	8.50	56.60	13.20	88.10	19.90	132.70
	A12-31	3.10	20.60	5.20	35.00	8.50	56.60	13.20	88.10	19.90	132.70
	A14-41	10.60	32.90	17.90	55.70	29.10	90.30	45.20	140.30	68.20	211.40
	A16-41	10.60	32.90	17.90	55.70	29.10	90.30	45.20	140.30	68.20	211.40
	A20-41	10.60	32.90	17.90	55.70	29.10	90.30	45.20	140.30	68.20	211.40
Horiz.	A8-25HZA	1.50	9.30	2.60	15.70	4.20	25.50	6.60	39.70	9.90	59.80
	A10-31HZA	3.10	20.60	5.20	35.00	8.50	56.60	13.20	88.10	19.90	132.70



HOW TO CHOOSE

The accumulator is placed between the evaporator and compressor to intercept excess liquid. To size the accumulator, select the model with the tonnage nearest to the tonnage of the operating system.

Care must be taken to evaluate the amount of liquid holding capacity needed. We recommend the holding capacity not be less than 50% of the system charge. The minimum tonnage is the lowest capacity that will provide adequate oil return from the accumulator.

While these are general guidelines, it is the responsibility of the system designer to select and apply the accumulator properly.

Contact Westermeyer Industries for help in selecting the proper model.

ACCUMULATORS



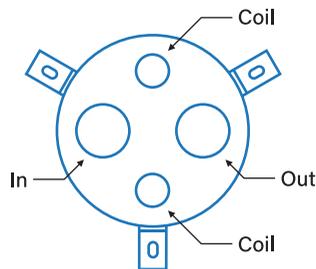
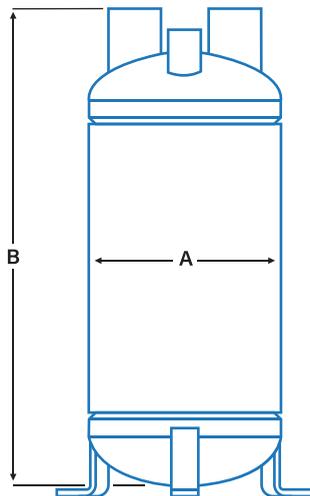
HEAT EXCHANGE ACCUMULATORS

VERTICAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

Heat exchange accumulators provide an internal coil or loop to provide heat transfer. Discharge gas or liquid refrigerant can be used in the coil/loop. The coil/loop does not have a rated capacity and therefore if relying on certain performance conditions, field testing will need to be considered for your application. All other characteristics are the same as on non-heat exchange models. UL models include an integrated fusible plug rated to 430°F.



HEAT EXCHANGE ACCUMULATORS (VERTICAL)

	Catalog Number	Dimensions		ODS Conn.	Coil Conn.	Holding Capacity* (R404A)
		A	B			
UL	A6-11HE	6.00"	15.00"	1 1/8"	5/8"	9.00 lbs
	A6-13HE	6.00"	23.00"	1 3/8"	5/8"	12.75 lbs
	A6-15HE	6.00"	23.00"	1 5/8"	5/8"	11.25 lbs
ASME	A8-21HE	8.63"	19.75"	2 1/8"	7/8"	17.00 lbs
	A10-25HE	10.75"	21.50"	2 5/8"	1 1/8"	29.50 lbs
	A10-31HE	10.75"	21.50"	3 1/8"	1 1/8"	28.75 lbs

*All capacities calculated at 85%.

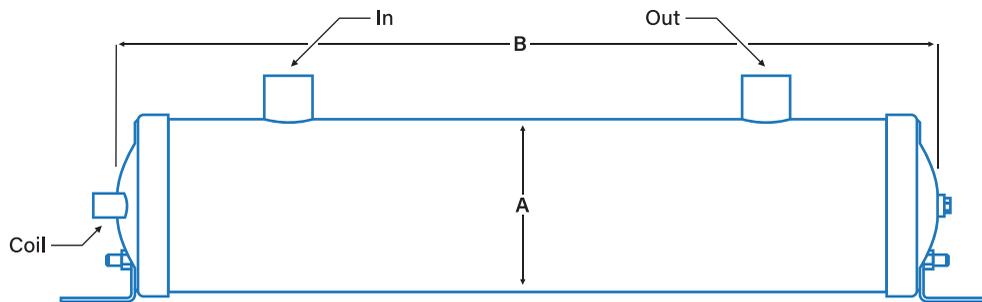
	Catalog Number	Recommended Tons of R22 Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
UL	A6-11HE	0.10	1.60	0.20	2.60	0.30	4.10	0.50	6.20	0.80	9.10
	A6-13HE	0.30	3.00	0.50	4.90	0.90	7.70	1.30	11.60	2.00	17.00
	A6-15HE	0.90	4.90	1.40	8.10	2.30	12.80	3.50	19.30	5.10	28.20
ASME	A8-21HE	1.70	10.50	2.80	17.20	4.50	27.00	6.80	40.80	9.90	59.60
	A10-25HE	2.40	16.00	4.00	26.20	6.40	41.00	9.60	62.00	14.10	90.50
	A10-31HE	3.50	23.40	5.70	38.30	9.00	60.10	13.60	90.60	19.80	132.40

	Catalog Number	Recommended Tons of R404A Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
UL	A6-11HE	0.10	1.40	0.20	2.40	0.30	3.90	0.50	6.00	0.80	9.10
	A6-13HE	0.30	2.60	0.50	4.50	0.80	7.30	1.30	11.30	2.00	17.10
	A6-15HE	0.70	4.40	1.30	7.40	2.10	12.10	3.40	18.80	5.10	28.30
ASME	A8-21HE	1.50	9.30	2.60	15.70	4.20	25.50	6.60	39.70	9.90	59.80
	A10-25HE	2.20	14.10	3.70	23.90	6.00	38.70	9.40	60.20	14.10	90.70
	A10-31HE	3.10	20.60	5.20	35.00	8.50	56.60	13.20	88.10	19.90	132.70

ACCUMULATORS

HEAT EXCHANGE ACCUMULATORS

HORIZONTAL / MAXIMUM WORKING PRESSURE: 450 PSIG



FEATURES

Heat exchange accumulators provide an internal coil or loop to provide heat transfer. Discharge gas or liquid refrigerant can be used in the coil/loop. The coil/loop does not have a rated capacity and therefore if relying on certain performance conditions, field testing will need to be considered for your application. All other characteristics are the same as on non-heat exchange models. UL models include an integral fusible plug rated to 430°F.



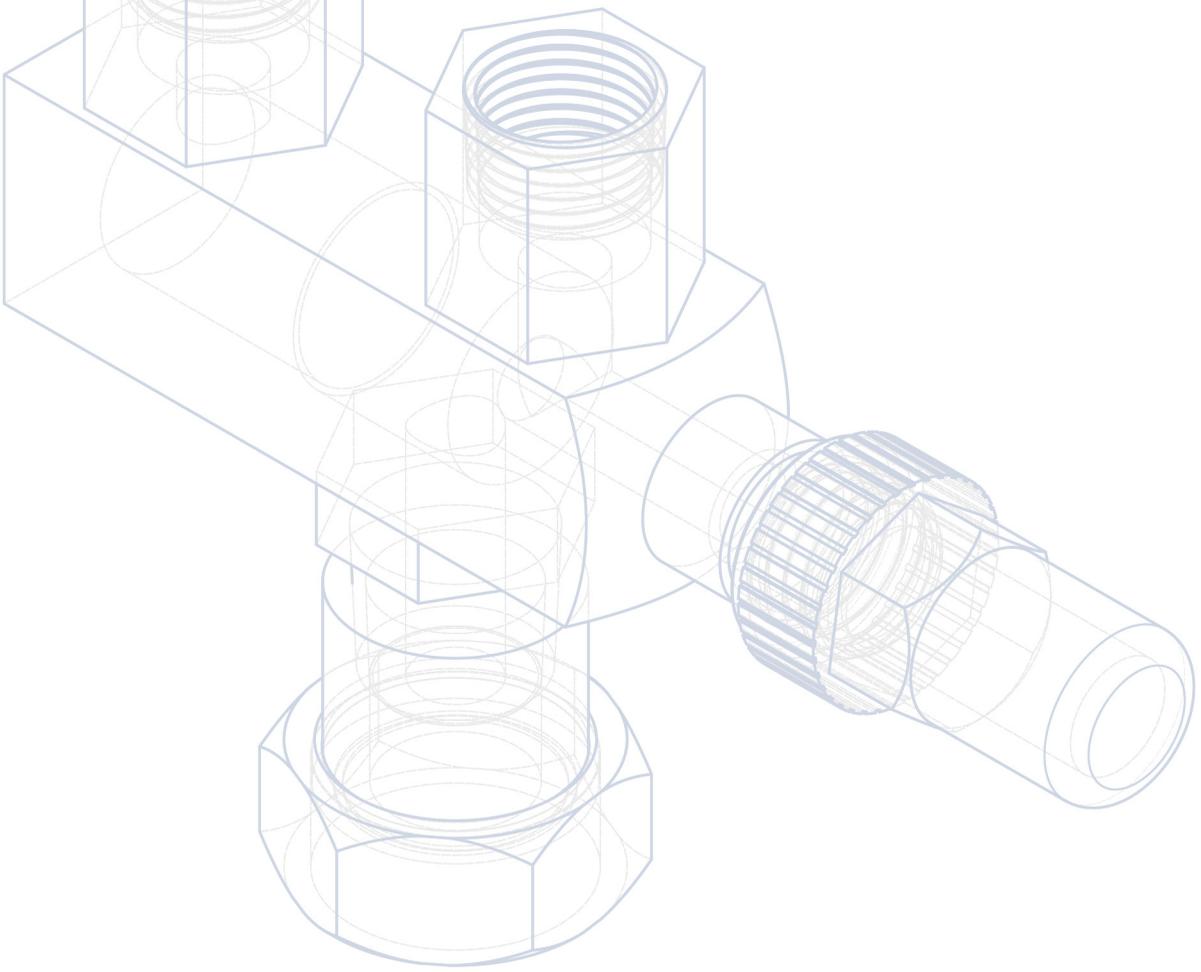
HEAT EXCHANGE ACCUMULATORS (HORIZONTAL)

	Catalog Number	Dimensions		ODS Conn.	Coil Conn.	Holding Capacity* (R04A)
		A	B			
UL	A6-13HEZ	6.00"	22.50"	1 3/8"	5/8"	17.00 lbs
	A6-15HEZ	6.00"	30.00"	1 5/8"	3/4"	23.00 lbs
	A6-15HEZC	6.00"	48.00"	2 1/8"	7/8"	34.00 lbs
ASME	A8-25HEZA	8.63"	24.00"	2 5/8"	1 3/8"	18.00 lbs
	A10-31HEZ	10.75"	24.00"	3 1/8"	1 3/8"	42.00 lbs

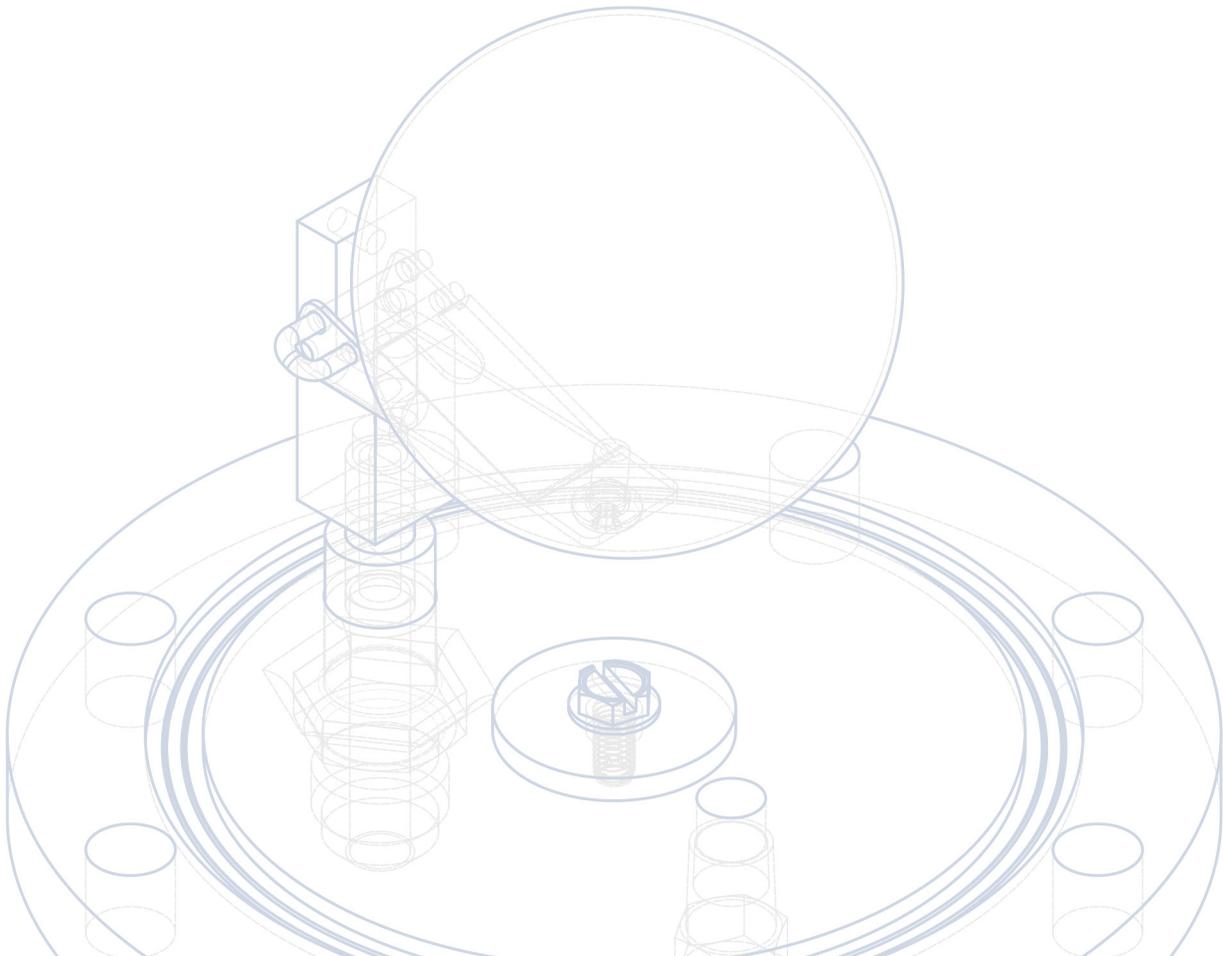
*All capacities calculated at 85%.

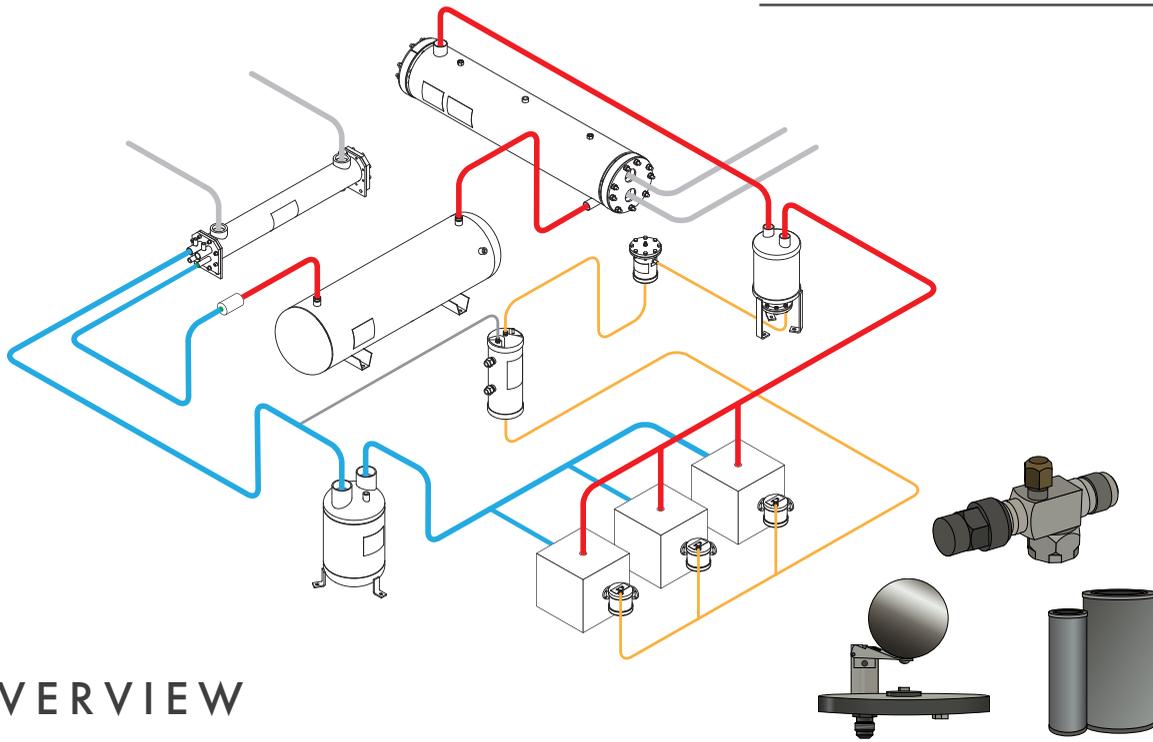
	Catalog Number	Recommended Tons of R22 Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
UL	A6-13HEZ	0.40	1.80	0.23	2.90	0.36	4.50	0.54	6.80	0.80	9.00
	A6-15HEZ	0.50	2.80	0.57	4.80	0.90	7.60	1.40	11.00	3.00	15.40
	A6-15HEZC	2.00	12.00	4.00	18.00	5.00	27.00	7.00	41.00	10.00	60.00
ASME	A8-25HEZA	4.00	17.00	6.00	27.00	8.00	41.00	10.00	62.00	14.00	90.00
	A10-31HEZ	6.00	25.00	9.00	40.00	12.00	61.00	15.00	92.00	20.00	132.00

	Catalog Number	Recommended Tons of R404A Refrigerant									
		-40°F Min / Max		-20°F Min / Max		0°F Min / Max		20°F Min / Max		40°F Min / Max	
UL	A6-13HEZ	0.40	1.40	0.20	2.60	0.33	4.00	0.50	6.50	0.80	9.00
	A6-15HEZ	0.50	2.70	0.50	4.30	0.83	7.00	1.30	11.00	3.20	16.50
	A6-15HEZC	2.00	10.00	3.00	17.00	5.00	28.00	8.00	42.00	12.00	65.00
ASME	A8-25HEZA	4.00	17.00	6.00	27.00	8.00	41.00	10.00	62.00	14.00	90.00
	A10-31HEZ	5.00	22.00	8.00	38.00	12.00	61.00	19.00	94.00	29.00	143.00



④ PARTS & ACCESSORIES





OVERVIEW

A FULL COMPLEMENT OF COMPONENTS

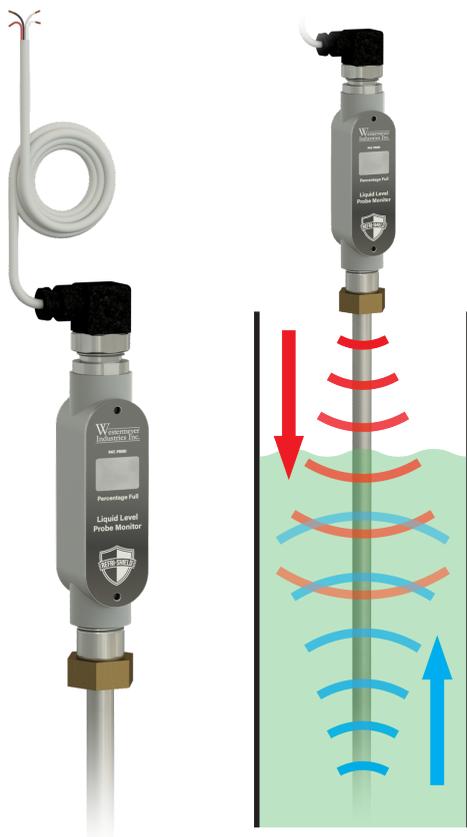
From detection components such as gauges and probes to essential replacement parts, we carry all of the accessories needed to round out a complete refrigerant system.

- 102 **DETECTION DEVICES**
- 118 **AIR SEPARATORS**
- 120 **VALVES**
- 122 **ACCESSORIES**
- 124 **REPLACEMENT PARTS**

DETECTION DEVICES

REFRI-SHIELD LEVEL PROBE

MAXIMUM WORKING PRESSURE: 1306 PSI

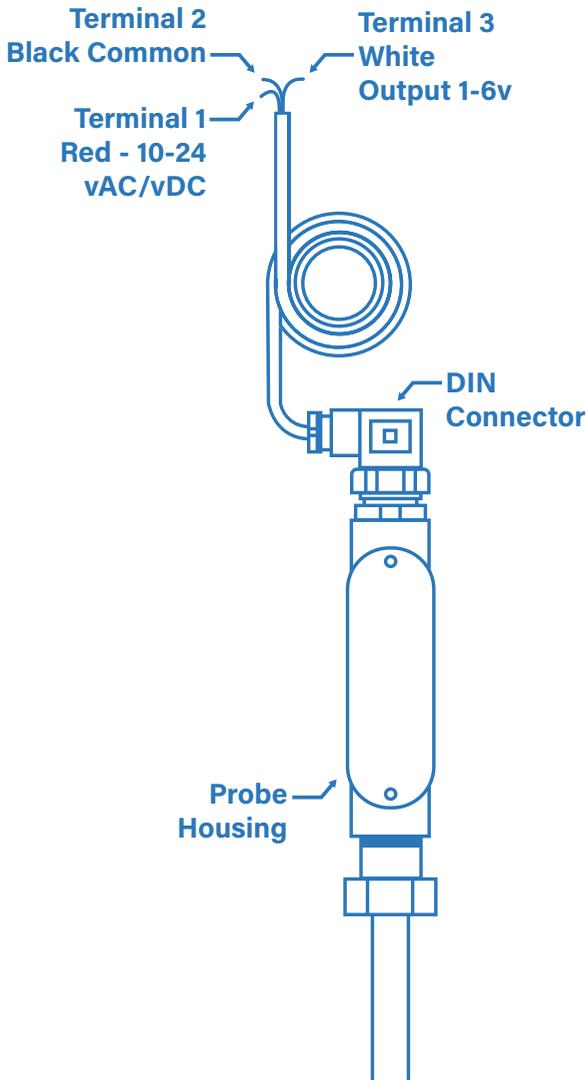


FEATURES

The “RLP Series” Level Probe is a new addition to the Refri-Shield™ line of system monitoring products.

Level probes have long been used for monitoring fluid-level inside of pressure vessels, most utilizing dielectrics to detect the specific level. These “legacy products” create complexity in the ever-changing refrigerant conversions. With our new “RLP Series” level probes, we have developed a product which no longer requires fluid-specific calibration. Based on proven technology - Time Domain Reflectometry (TDR), whether you’re using refrigerant or oil, this one model can provide accurate readings, without the need of field calibration

- 12-24v AC or DC supply
- 1-6v DC output
- Ambient temperature range:
-40°F (-40°C) to 158°F (70°C)
- Refrigerant temperature range:
-40°F (-40°C) to 158°F (70°C)
- 12-foot DIN connector cable



RLP1-##RD

Active Probe Length ←
= Inches

Connection Type ←
1 ¼ Rotolock = R
¾ MNPT = P

Display Option ←
With Display = D
Without Display = X

Ordering Examples:

RLP1-60RX = 60" probe with Rotolock connection, no display

RLP1-15PD = 15" probe with ¾ MNPT connection, display

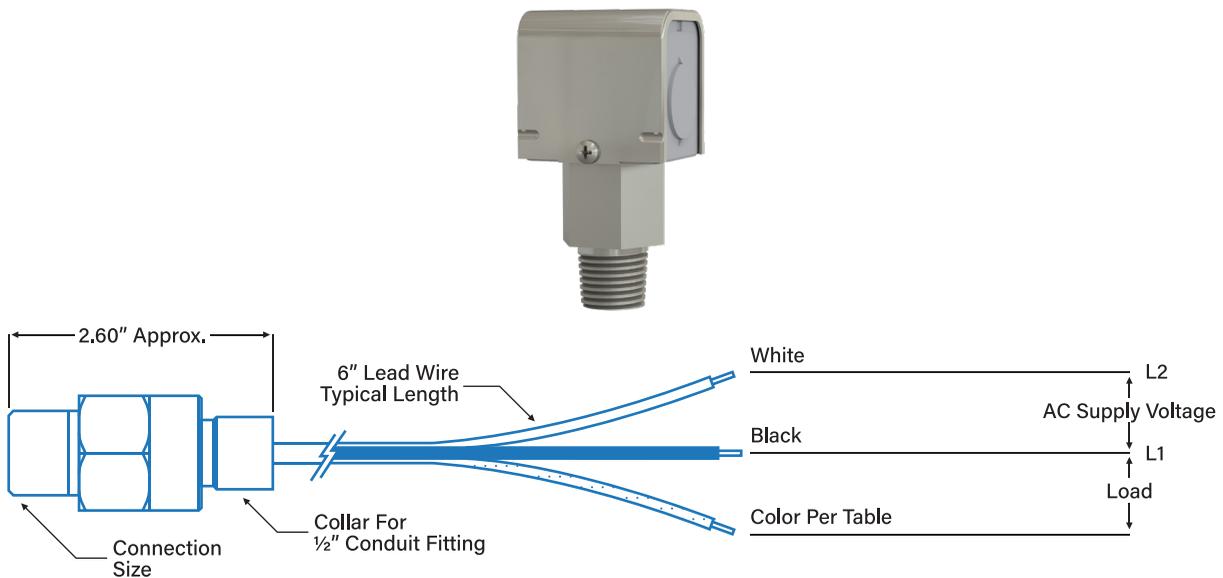
ORDERING

Westermeyer Industries custom manufactures every probe to your specifications. To order, state the required length in inches as the part number with the appropriate suffix to designate optional Rotolock and/or display.

DETECTION DEVICES

LIQUID LEVEL SWITCHES

MAXIMUM WORKING PRESSURE : 1000 PSI



FEATURES

The LS liquid level switch is a highly reliable method of detecting fluid levels. Solid state construction ensures many years of trouble-free operation. The hermetically sealed sight glass provides high working pressures without leakage. The liquid level is optically detected through a sight glass. Fluids can be as clear as water or as dirty as crude oil.

The switch must be installed horizontally with at least 2" of distance between it and the vessel wall or pipe. Line voltage is wired directly to the switch, removing the need for step down transformers. A 1/2" conduit boss is provided for the mounting of a junction box. Two thread models are available for various applications.

- Body made of 1 1/8" Hex Nickel Plate steel
- Solid state switching
- Serviceable without loss of fluid
- UL listed, file number E141577
- Switch rated at over 1 million cycles
- Non-invasive liquid sensing
- Suitable for refrigerants and other industrial fluids non-corrosive to steel and glass



LIQUID LEVEL SWITCHES

Catalog Number	Conn. Size	Voltage (60/80 Hz)	Resistive Rating (AMP)	Contacts w/Liquid Present	Wire Color	Repl. Module No.	Min/Max Fluid Temp.
LS-120	½" NPT	120V	0.50	Closed	Yellow	180-001	0°F/200°F
LS-120A	½" NPT	120V	0.50	Open	Yellow	180-002	0°F/200°F
LS-120-W	¾"-16 UNJF-3A	120V	0.50	Closed	Yellow	180-001	0°F/200°F
LS-120A-W	¾"-16 UNJF-3A	120V	0.50	Open	Yellow	180-002	0°F/200°F
LS-240	½" NPT	208/240V	0.25	Closed	Red	180-003	0°F/200°F
LS-240A	½" NPT	208/240V	0.25	Open	Red	180-004	0°F/200°F
LS-240-W	¾"-16 UNJF-3A	208/240V	0.25	Closed	Red	180-003	0°F/200°F
LS-240A-W	¾"-16 UNJF-3A	208/240V	0.25	Open	Red	180-004	0°F/200°F
LS-24	½" NPT	24V AC/DC	0.50	Closed	Orange	180-007	0°F/200°F
LS-24A	½" NPT	24V AC/DC	0.50	Open	Orange	180-008	0°F/200°F
LS-24-W	¾"-16 UNJF-3A	24V AC/DC	0.50	Closed	Orange	180-007	0°F/200°F
LS-24A-W	¾"-16 UNJF-3A	24V AC/DC	0.50	Open	Orange	180-008	0°F/200°F
LS-120A-LT	½" NPT	120V	0.50	Open	White or Green	N/A	-40°F/200°F
LS-240A-LT	½" NPT	208/240V	0.25	Open	White or Green	N/A	-40°F/200°F

SPECIFICATIONS

- Inductive rating: 36va pilot duty rated
- Minimum load: 2ma w/o bleed resistor
- Power consumption: 3.5ma AC
5.5ma DC
- Contact power off: normally open
- Mounting: horizontal only

OPTIONAL JUNCTION BOX

All switches can be ordered with an optional clip style junction box attached to the switch. When ordering, add the letter "J" to the end of the part number.

DETECTION DEVICES

OPTICAL LEVEL SWITCHES

MAXIMUM WORKING PRESSURE : 2500 PSI



FEATURES

The "LSR Series" Optic Level Switch is part of the Refri-Shield™ line of system monitoring products.

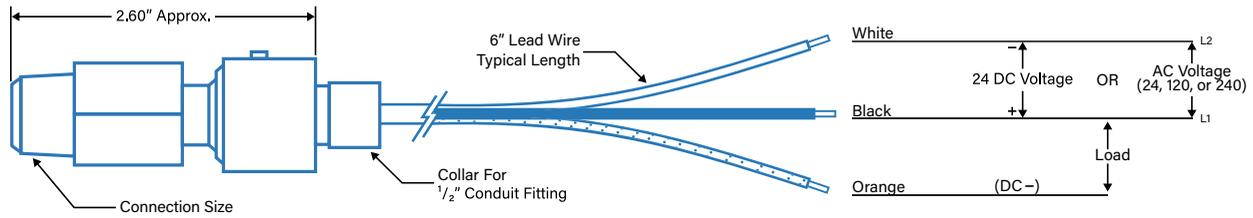
Optical level switches have long been utilized to ensure trouble-free operation and level detection in a wide variety of fluids. With the "LSR Series" level switches, we have utilized fiber optics to isolate the electronics for the smart switch from the sight glass itself, protecting these digital components from extreme temperatures.

- Electronics rated to -40°F to 300°F
- Sight-glass body 1-1/8 Nickle plated steel
- Non-invasive liquid sensing
- Serviceable without loss of fluid
- UL listed, file number SA12836
- Switch rated at over 1 million cycles
- Suitable for refrigerants, oils, and industrial fluids non-corrosive to steel and glass
- Solid-state switching



OPTICAL LEVEL SWITCHES

Catalog Number	Conn. Size	Voltage (60/80 Hz)	Resistive Rating (AMP)	Contacts w/Liquid Present	Wire Color	Fluid Temp.	
						Min	Max
LSR-24	1/2" NPT	24 AC/DC	0.50	Closed	40-3017-24	-40°F	300°F
LSR-24A	1/2" NPT	24 AC/DC	0.50	Open	40-3017-24A	-40°F	300°F



DETECTION DEVICES

ELECTRONIC LEVEL GAUGE

MAXIMUM WORKING PRESSURE : 700 PSI



PATENT PENDING

Catalog Number*	Vessel OD	Swing Radius
RSG-8E	8 5/8"	4 3/4"
RSG-10E	10 3/4"	6"
RSG-12E	12 3/4"	7"
RSG-14E	14"	8 1/2"
RSG-16E	16"	9 1/2"
RSG-18E	18"	10 1/2"
RSG-20E	20"	11 1/2"
RSG-24E	24"	13 1/2"

*Add "R" for Four-Bolt Retrofit models (Ex: RSG-8ER).
Replacement Electronic Housing part Number: RSG-1HE
Contact Westermeyer Industries for more information.

FEATURES

This electronic level gauge is one of the introductory products to the **REFRI-SHIELD™** line of level detection components. Featuring an electronic readout and bubble-level for installation, this device can be serviced and replaced by two set screws without pumping the system down. The Rotolock sight glass housing utilizes a PTFE gasket for a superior seal—minimizing the leak potential.

- Designed for use in horizontal vessels
- 1 3/4" Rotolock design with Watertight enclosure made of DuPont Zytel glass reinforced polymers
- 12ft cable
- 12V AC or DC
DC accepted range: 11.5–14 volts
AC accepted range: 10–14 volts
- Amp draw: 12V supply
70mA–100mA (depending on relay state)
- 12V common
Relay common
- 0–5V out +/- 0.1V
Minimum accepted load: 100 ohms
- 4–20mA out
Max load for full 20mA: 400 ohms
- Dry Contact Relay—set at 20%
Relay contact rating: 2 amps
- Electronic Operating Temperature
-40°C to 85°C (-40°F to 185°F)
- Factory calibrated
- Pressure-boundary components listed in accordance with UL-207

MECHANICAL LEVEL GAUGE

MAXIMUM WORKING PRESSURE : 700 PSI



PATENT PENDING

Catalog Number*	Vessel OD	Swing Radius
RSG-8	8 5/8"	4 3/4"
RSG-10	10 3/4"	6"
RSG-12	12 3/4"	7"
RSG-14	14"	8 1/2"
RSG-16	16"	9 1/2"
RSG-18	18"	10 1/2"
RSG-20	20"	11 1/2"
RSG-24	24"	13 1/2"

*Add "R" for Four-Bolt Retrofit models (Ex: RSG-8R).
Replacement Alignment Housing part Number RSG-1H
Contact Westermeyer Industries for more information.

FEATURES

This mechanical level gauge is one of the introductory products to the REFRI-SHIELD™ line of level detection components.

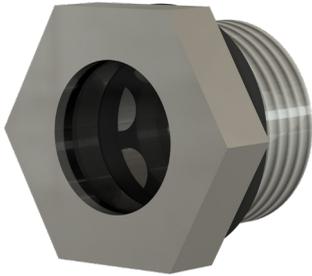
The Rotolock sight glass housing utilizes a PTFE gasket for a superior seal—minimizing the leak potential.

- Designed for use in horizontal vessels
- 1 3/4" Rotolock design
- Sight glass with easy-to-read liquid level indicator
- Pressure-boundary components listed in accordance with UL-207
- Blank (non-electronic) housing included for alignment purposes
- Conversion kits available for upgrade to electronic model (part number RSG-1HE)



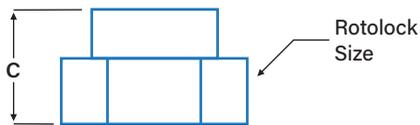
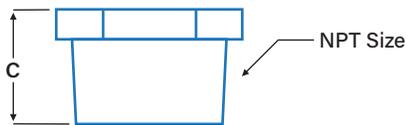
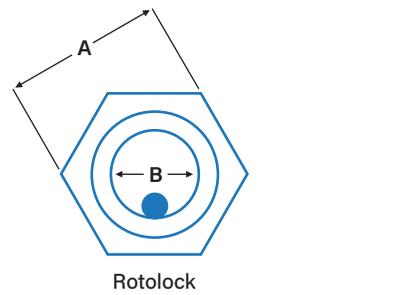
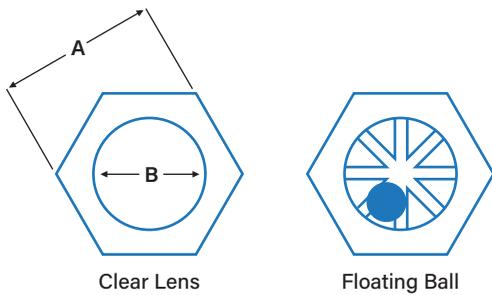
DETECTION DEVICES

SIGHT GLASSES



FEATURES

Sight glasses are installed in vessels to view refrigerant, oil, and other non-corrosive fluids. Our sight glasses are offered in two versions: clear lens and floating ball, with NPT, Rotolock, or SAE connection types.



SIGHT GLASSES

Catalog Number		Thread	Dimensions		
Clear / Floating Ball			Hex A	B	C
CL-04	FL-04	½" NPT	0.94"	0.56"	0.80"
CL-06	FL-06	¾" NPT	1.06"	0.75"	0.94"
CL-08	FL-08	1" NPT	1.38"	0.94"	1.06"
CL-10	FL-10	1 ¼" NPT	1.75"	1.19"	1.22"
CL-12	FL-12	1 ½" NPT	2.00"	1.44"	1.22"
CL-16	FL-16	2" NPT	2.50"	1.88"	1.28"
-	45-005K	1 ¼" Rotolock*	1.38"	0.76"	1.11"
-	45-010K	1" Rotolock*	1.13"	0.50"	1.15"
-	45-003	1 ⅙" SAE	1.25"	0.75"	0.96"

*Rotolock models include kit with PTFE gasket.

DETECTION DEVICES

RUPTURE DISK ASSEMBLIES

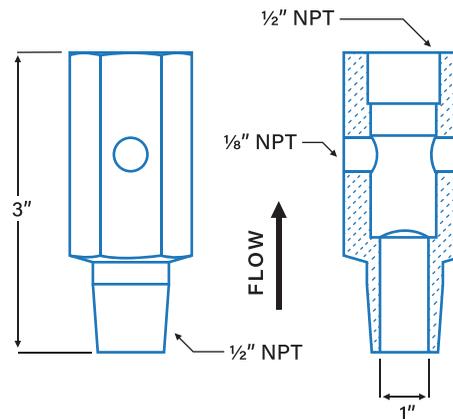
FEATURES

The 526 rupture disk assembly is installed between either a three-way valve or receiver tank and the relief valve to prevent the weeping of refrigerant through the relief valve.

The use of the rupture disk must be in accordance with ASME section VIII, Division 1, UG 127. The rupture disk setting must not exceed the set pressure of the relief valve. When using a rupture disk in combination with a relief valve, the relief valve discharge must be de-rated by 10%.

There are two 1/8" NPT connections above the disk. These are used to provide an indication that the disk has ruptured. Pressure gauges and pressure switches can be installed in these ports. See W-15 Pressure gauge on next page.

- Brass body, factory sealed, with non-fragmenting disk
- Operating range: -10% / 0%
- ASME Section VIII Division 1 certified and UD stamped

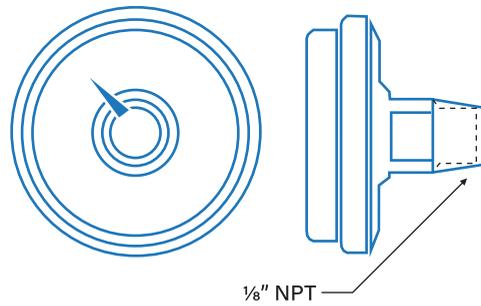


Catalog Number	Pressure Setting
526-235	235 psig
526-250	250 psig
526-300	300 psig
526-350	350 psig
526-400	400 psig
526-450	450 psig
526-500	500 psig
526-550	550 psig
526-600	600 psig
526-650	650 psig
526-700	700 psig

PRESSURE GAUGE

W-15 PRESSURE GAUGE

- Pressure range: 0 to 700 psig
- Dial: 1.5" diameter
- Back connection: 1/8" NPT



DETECTION DEVICES

REFRI-SHIELD™ RDP-01 DIFFERENTIAL PRESSURE MONITOR

MAXIMUM WORKING PRESSURE : 667 PSI



FEATURES

The RDP-01 Differential Pressure Monitor is part of the Refri-Shield™ line of system monitoring products.

When the filter element of a coalescing oil separator is contaminated, it negatively affects performance and efficiency—of the oil separator itself, and of the entire system. A differential pressure monitor is used to monitor, both visually and electronically, when the filter is contaminated and needs replaced.

The Refri-Sheild™ RDP-01 features a multicolored LED readout indicating pressure range and an analog output for precise pressure monitoring. The device's case is both dust and weather resistant and comes equipped with 6-foot pressure-transducer cables and a 6-foot power cable, allowing for significant versatility in its placement.

SPECIFICATIONS

- **Power supply:** 10–24V AC or DC 6' power cable included (24 AWG)
- **Analog output for PSID monitoring**
0.5–4.5V at 0–20 PSID Min. accepted load: 500 ohms \pm 0.4 PSID accuracy
- **Amp Draw:** 30mA
- **Operating Temperature:**
Electronics Enclosure: -40°F to 175°F
Pressure Transducers: -40°F to 257°F
- **Heavy-Duty Pressure Transducers**
 - Brass Housing
 - Port: 7/16–20 UNF 1/4" 45° Flare
 - Female Schrader (SAE J512)
 - Temperature-compensated
 - 6' cable included
 - Max. Operating Pressure: 667 PSIG
 - Overpressure: 1,000 PSIG
- **Mounting screws included**
- **Weather and dust-resistant case**
- **Multicolor LEDs for quick visual monitoring**
 - GREEN: 0–8 PSID
 - YELLOW: 8–12 PSID
 - RED: >12 PSID
 - Blinking RED indicates overpressure:
 - Blinking RED indicates overpressure:
 - If pressure falls below overpressure before 20 seconds have elapsed, overpressure indicator will turn off.
 - If overpressure continues for more than 20 consecutive seconds, overpressure indicator remains on until reset.

During overpressure, device continues to monitor PSID

Overpressure indicator reset button on front of case

Blinking YELLOW indicates disconnected transducer
- **Factory Calibrated using a Patent Pending process**

DETECTION DEVICES

REFRI-SHIELD™ RDP-01T DIFFERENTIAL PRESSURE MONITOR

MAXIMUM WORKING PRESSURE : 667 PSI



FEATURES

The RDP-01T Differential Pressure Monitor is part of the Refri-Shield™ line of system monitoring products. This model features transducers designed for use with CO2 systems at transcritical pressures.

When the filter element of a coalescing oil separator is contaminated, it negatively affects performance and efficiency—of the oil separator itself, and of the entire system. A differential pressure monitor is used to monitor, both visually and electronically, when the filter is contaminated and needs replaced.

The Refri-Sheild™ RDP-01T features a multicolored LED readout indicating pressure range and an analog output for precise pressure monitoring. The device's case is both dust and weather resistant and comes equipped with 6-foot pressure-transducer cables and a 6-foot power cable, allowing for significant versatility in its placement.

SPECIFICATIONS

- **Power supply:** 10–24V AC or DC
6' power cable included (24 AWG)
- **Analog output for PSID monitoring**
0.5–4.5V at 0–20 PSID
Min. accepted load: 500 ohms
± 0.4 PSID accuracy
- **Amp Draw:** 30mA
- **Operating Temperature:**
Electronics Enclosure: -40°F to 175°F
Pressure Transducers: -40°F to 257°F
- **Heavy-Duty Pressure Transducers**
 - Brass Housing
 - Port: 7/16–20 UNF 1/4" 45° Flare
Female Schrader (SAE J512)
 - Temperature-compensated
 - 6' cable included
 - Max. Operating Pressure: 667 PSIG
Overpressure: 1,000 PSIG
- **Mounting screws included**
- **Weather and dust-resistant case**
- **Multicolor LEDs for quick visual monitoring**
 - GREEN: 0–8 PSID
 - YELLOW: 8–12 PSID
 - RED: >12 PSID
 - Blinking RED indicates overpressure:
 - If pressure falls below overpressure before 20 seconds have elapsed, overpressure indicator will turn off.
 - If overpressure continues for more than 20 consecutive seconds, overpressure indicator remains on until reset.
 - During overpressure, device continues to monitor PSID
 - Overpressure indicator reset button on front of case
 - Blinking YELLOW indicates disconnected transducer
- Factory Calibrated using a Patent Pending process

AIR SEPARATORS

AIR SEPARATORS

MAXIMUM WORKING PRESSURE: 125 PSIG

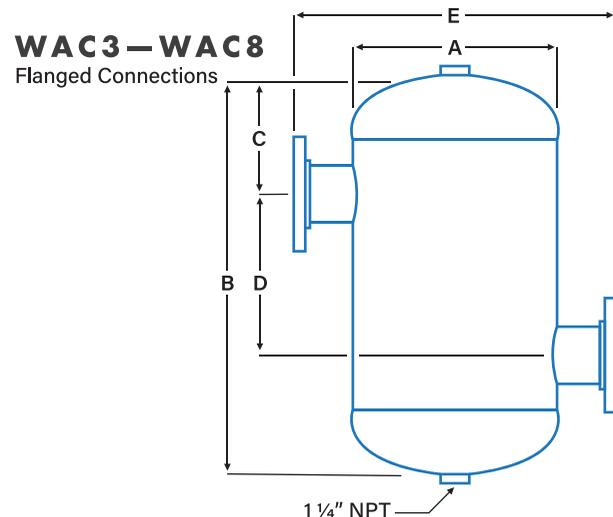
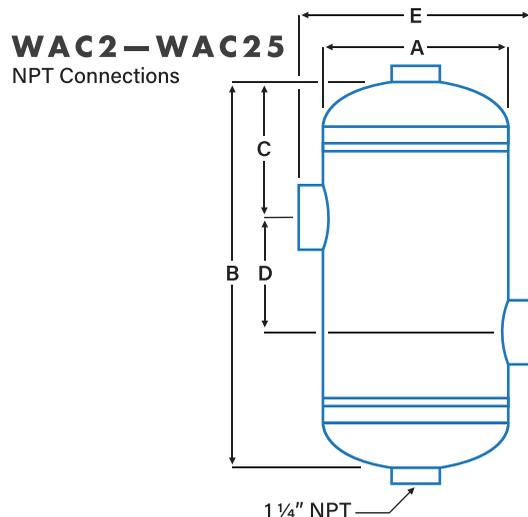


FEATURES

Air separators are designed to efficiently remove air from various HVAC systems over a wide range of operating pressures and flows.

All air separators are constructed to ASME Section VIII code and are rated for 125 psig working pressure up to a maximum operating temperature of 375°F.

- Powder paint finish
- Flanged and NPT sizes available
- Available in pipe sizes from 2" to 8" for a wide range of applications



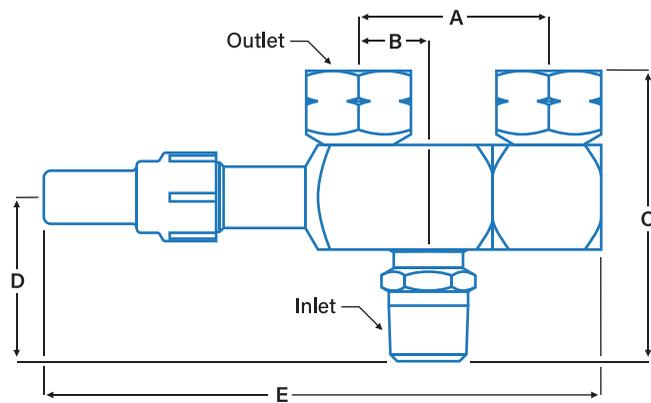
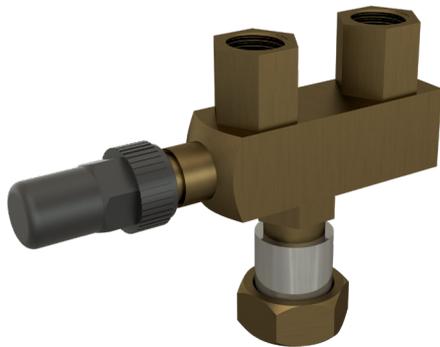
AIR SEPARATORS

Catalog Number	Pipe Size	Dimensions					Max Flow (gpm)	CV Factor	Shipping Weight
		A	B	C	D	E			
WAC2	2.00"	8.63"	18.00"	6.31"	5.38"	10.88"	80	86	32 lbs
WAC25	2.50"	10.75"	20.00"	7.06"	5.88"	13.00"	130	122	56 lbs
WAC3	3.00"	14.00"	27.25"	8.00"	11.25"	20.75"	190	190	128 lbs
WAC4	4.00"	16.00"	31.30"	9.32"	12.75"	25.25"	330	325	121 lbs
WAC5	5.00"	16.00"	35.38"	8.82"	13.75"	25.25"	550	510	170 lbs
WAC6	6.00"	20.00"	38.00"	23.00"	14.75"	29.25"	900	750	190 lbs
WAC8	8.00"	20.00"	49.45"	16.04"	17.38"	29.75"	1500	1260	276 lbs

VALVES

THREE-WAY VALVES

MAXIMUM WORKING PRESSURE: 700 PSIG



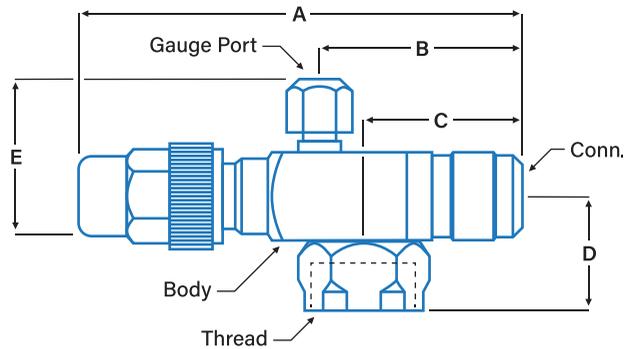
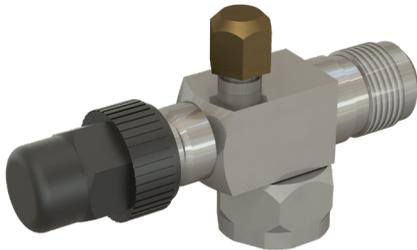
FEATURES

The TW series of three-way valves is designed to fulfill the requirements of ASHRAE Standard 15, which states that all vessels over 10 cubic feet of internal volume must have a dual relief valve assembly. The three-way valve is made of brass. It is a packed valve design and the imperative that the valve stem be either front-seated or back-seated to insure only one relief valve assembly is active.

- Brass body
- Temperature rating: -40°F to 300°F
- Suitable for all CFC, HCFC, and HFC refrigerants and oils

Catalog Number	In	Out	Dimensions				
			A	B	C	D	E
TW-04	½" MPT	½" FPT	2.04"	0.75"	3.52"	1.76"	5.98"

ROTOLOCK VALVES



FEATURES

Rotolock valves are used for isolation and easier removal of components. Our valves are compatible with HCFC and HFC refrigerants and their associated oils.

- ODS & SAE flare connections
- Standard Rotolock thread size
- PTFE seal gasket connection

Catalog Number	Conn.	Thread	Gauge Loc.	Body Size	Dimensions				
					A	B	C	D	E
50-002K	3/8" Flare	3/4" - 16	Top	3/4" hex	3 23/32"	1 17/32"	1 3/16"	25/32"	1"
50-003K	1/2" Flare	1" - 14	Top	7/8" sq	4 1/8"	1 23/32"	1 5/16"	3/4"	1 1/16"
50-037K	5/8" Flare	1" - 14	Top	7/8" sq	4 3/8"	1 31/32"	1 9/16"	3/4"	1 1/16"
50-013K	3/8" ODS	3/4" - 16	Left 45°	3/4" hex	3 1/2"	4 15/32"	1"	1 1/4"	1 1/8"
50-018K	1/2" ODS	1" - 14	Right	7/8" sq	4 1/32"	1 5/8"	1 7/32"	3/4"	1 1/16"
50-019K	5/8" ODS	1" - 14	Right	7/8" sq	4 9/32"	1 7/8"	1 15/32"	3/4"	1 1/16"
50-034K	7/8" ODS	1 1/4" - 12	Left	1 1/8" sq	5 3/8"	2 11/32"	1 11/16"	31/32"	1 3/16"
50-048K	1 1/8" ODS	1 1/4" - 12	Top	1 1/8" sq	6"	2 5/8"	1 31/32"	1 1/2"	2"
50-042K	1 1/8" ODS	1 3/4" - 12	Top	1 1/8" sq	7"	3"	2 3/16"	1 14/32"	2 1/8"
50-043K	1 3/8" ODS	1 3/4" - 12	Top	1 1/8" sq	7 3/16"	3 5/16"	2 15/32"	1 3/16"	1 5/16"
50-062K	1 5/8" ODS	1 3/4" - 12	Top	1 3/4" sq	9 13/32"	3 7/8"	2 7/16"	1 5/8"	1 1/2"

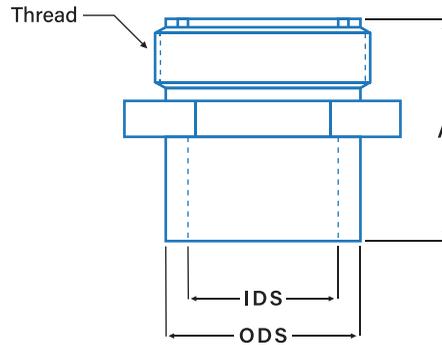
ACCESSORIES

ODS TO ROTOLOCK ADAPTER



FEATURES

Brass ODS to Rotolock adapters can be used to quickly create a serviceable ODS port with a Rotolock valve added. A PTFE gasket is included with the adapter.



ODS TO ROTOLOCK ADAPTER (BRASS)

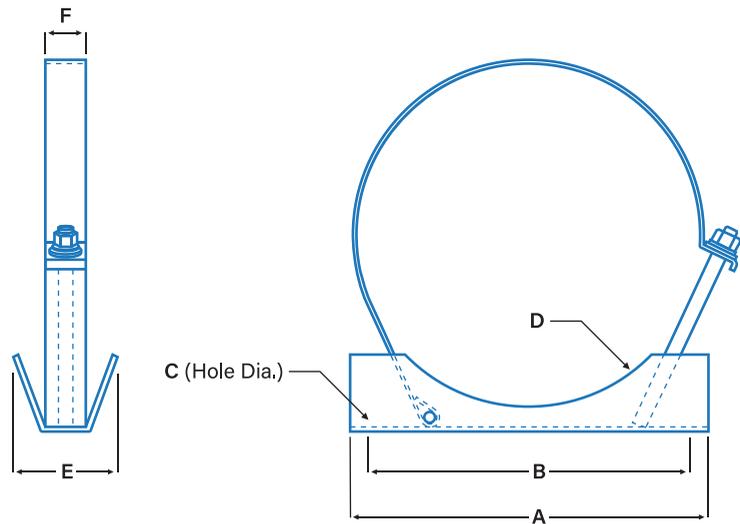
Catalog Number	IDS	ODS	Thread	A
50-400K	5/8"	7/8"	1"-14	1 5/16"
50-401K	5/8"	7/8"	1 1/4"-12	1 9/16"
50-402K	7/8"	1 1/8"	1 1/4"-12	1 9/16"
50-403K	1 1/8"	1 3/8"	1 1/4"-12	1 9/16"
50-404K	1 1/8"	1 3/8"	1 3/4"-12	1 11/16"
50-405K	1 3/8"	1 5/8"	1 3/4"-12	1 11/16"
50-406K	1 5/8"	1 7/8"	1 3/4"-12	1 11/16"
50-407K	3/8"	1/2"	1"-14	1.31"
50-408K	1/2"	5/8"	1"-14	1.31"

MOUNTING BRACKETS



FEATURES

Mounting brackets can be used to install horizontal receivers and condensers. All bracket dimensions, including the mounting hole locations, are shown in the table. Brackets are powder painted black.



MOUNTING BRACKETS

Catalog Number	Dimensions					
	A	B	C	D	E	F
BK-06A	7.00"	5.50"	0.43"	6.63"	2.63"	1.00"
BK-06B	7.00"	5.50"	0.43"	6.00"	2.63"	1.00"
BK-08A	9.00"	8.00"	0.43"	8.63"	2.63"	1.00"
BK-10B	11.00"	10.00"	0.43"	10.75"	2.63"	1.00"
BK-12B	13.00"	11.63"	0.56"	12.75"	3.13"	1.50"

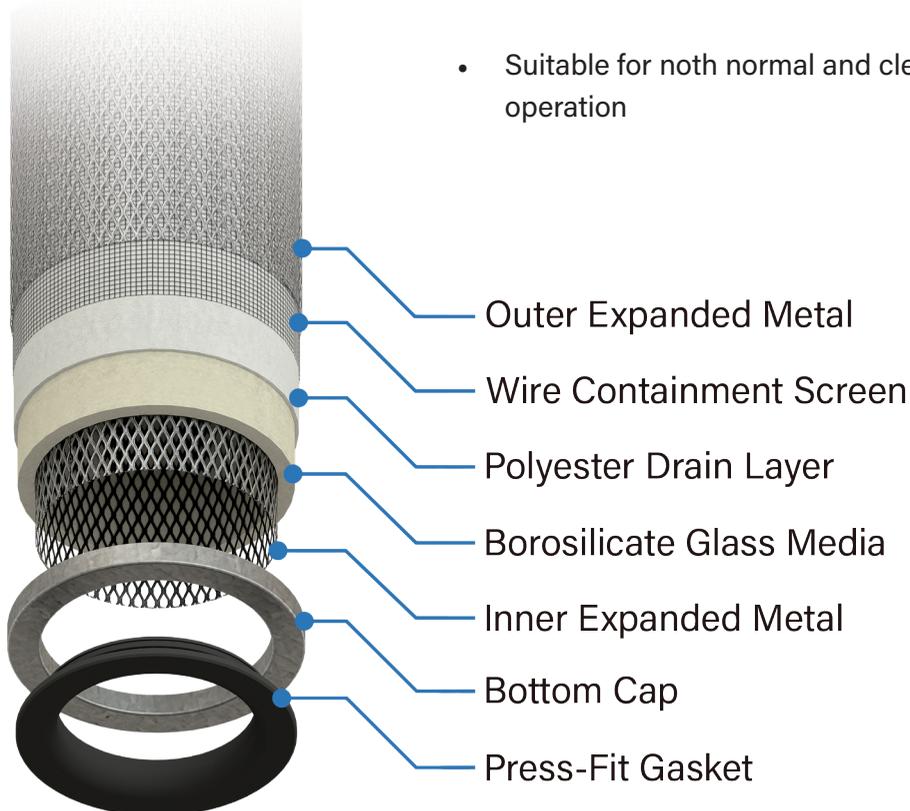
REPLACEMENT PARTS

REPLACEMENT FILTERS



FEATURES

- Filter kits include replacement filter and the appropriate hardware to service the filter element of coalescing oil separators
- **Borosilicate glass filter** designed to be 99.5% efficient at removing oil particles and system contaminants 0.3 microns in size
- **New and improved design** with high-performance press-fit gasket and increased reliability and durability
- Suitable for both normal and cleanup operation



FILTERS FOR OIL-MANAGEMENT COMPONENTS

	Filter Kit Cat. Number	Gasket	O-Ring	Washer	WII P/N	# Kits Reqd.	Crossover Filter (Cleanup)	Crossover P/N
Westermeyer	90-007K	100-010	-	-	F4-02(L)(S)	1	-	-
	90-013K	100-018	-	-	W-1903C(R)	1	-	-
	90-016K	100-010	-	-	OS6-13FC(R) OS6-15FC(R) OS6-21FC(R) W-1902C(R)	1	-	-
	90-019K	100-033	-	-	OS14-31C(R)	1	-	-
	90-020K	100-018	-	-	W-1903C-A(R)	1	-	-
	90-021K	100-041	-	-	OS12-31C(R)	1	-	-
	90-040K	100-041	-	-	OS12-41C(R)	1	-	-
	90-040M26K	117-1216G	-	-	OS26-51C(R)	2	-	-
	90-066M20K	117-1115G	-	-	OS20-41C(R)	1	-	-
	90-066M30K	117-1216G	-	-	OS30-61C(R)	2	-	-
CO2	90-051TK	100-325	-	-	TCOS4-XX	1	-	-
	90-058TK	100-306	-	-	TCOS8-XX	1	-	-
	90-127TK	100-240A	-	-	TCOS5-XX	1	-	-
Crossover	90-050K	100-010 100-010T	-	70-030	COS4-05F (R) COS4-07F (R)	1	62034000 (62024000)	922(R)/923(R)
	90-051K	100-010 100-010T	-	70-031	COS4-11F (R) COS4-13F (R)	1	62037000 (62047000)	924(R)/925(R)
	90-058K	100-018	100-233	70-031	-	1	62028000 (62030000)	926(R)/927(R)
	90-059K	100-018	100-234 100-235	70-032	-	1	62051000 (62092802)	928(R)
	90-060K	100-010 100-010T	100-236 100-237	70-032	-	1	62085000 (62086000)	930(R)
CO2 Crossover	90-058TRK	-	100-357	70-031	-	1	62021137	137A
	90-077TRK	-	100-357	70-058	-	1	62021138	138A
	90-078TRK	-	100-358	70-058	-	1	62021139	139A
	90-080TRK	-	100-357	70-031	-	1	6202737	136A

"R" at the end of P/N denotes reservoir-style separator.

REPLACEMENT PARTS

REPLACEMENT ZINC ANODE



FEATURES

A zinc anode's purpose for our HEM series heat exchanger is to act as a "sacrificial anode" that prevents the heat exchanger from suffering galvanic corrosion.

REPLACEMENT ZINC ANODE

Catalog Number	Size (Fits vessel diameter)
ZP65	6 ⁵ / ₈
ZP85	8 ⁵ / ₈
ZP105	10 ³ / ₄

REPLACEMENT FLOAT ASSEMBLY



FEATURES

This removable oil float is designed to assist in effectively metering separated oil back to the compressors.

- Assembly comes with included gasket part number 100-010
- Up to 20% increased oil flow vs. older models with decreased pressure drop across the float mechanism
- Protective magnet to shield oil path from debris



REPLACEMENT FLOAT ASSEMBLY

Catalog Number	Description
W4300-38F	Replacement float assembly with gasket
FC-01	Float chamber assembly
FC-01-NH	Float chamber assembly - Ammonia (NH ₃) application

100% COMPATIBLE

The W4300-38F is a *universal replacement*, being *100% backwards compatible* with separators currently using the W1900-30 or the Henry A1900-30.

REPLACEMENT PARTS

REPLACEMENT GASKETS

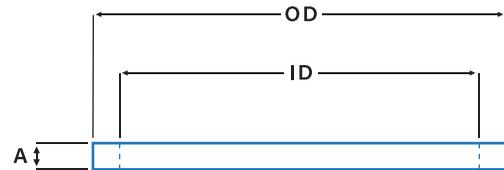


FEATURES

Gasket & o-ring kits are ideal for servicing a wide range of products. Each kit has either a combination of gaskets and o-rings or multiples of a single gasket.

REPLACEMENT GASKET KITS

Westermeyer Part Number	Included in Gasket Kit				Crossover Part Number
	Gasket PN	Gasket Qty/Kit	O-Ring PN	O-Ring Qty/Kit	
100-010K	100-010	5	-	-	-
100-010TK	100-010T	5	-	-	55000010
100-038K	100-038	5	-	-	-
GK-01	100-010T	1	100-236 100-237	1/1	55930000
GK-02	100-010T	1	100-234 100-235	1/1	559280000
GK-03	100-018 100-010T	5/5	100-233	5	55100005



PTFE GASKETS

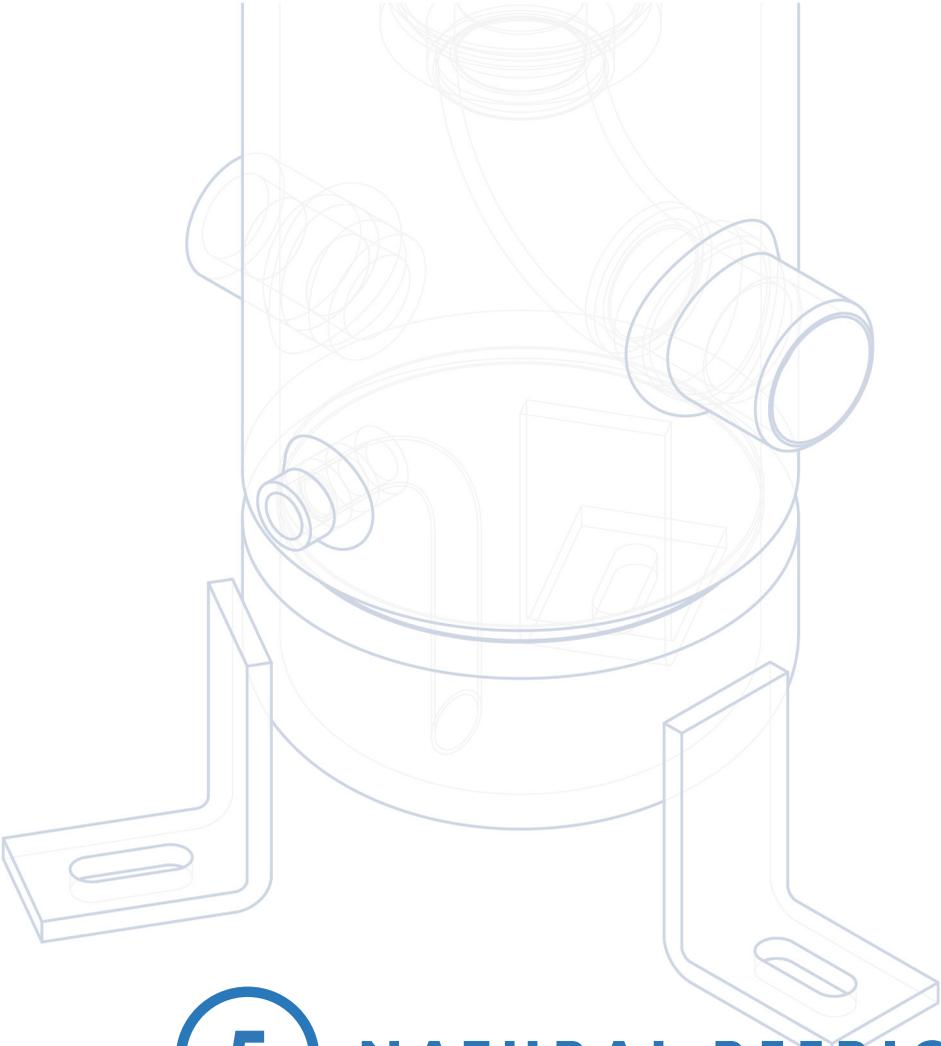
Catalog Number*	ID	OD	A	Use With Thread
100-004K	7/16"	9/16"	1/16"	3/4" - 16
100-005K	5/8"	3/4"	1/16"	1" - 14
100-022K	7/8"	1"	1/16"	1 1/4" - 12
100-024K	1 3/8"	1 1/2"	1/16"	1 3/4" - 12

*Packaged in kit including 5 gaskets. Use part number without "K" for individual gaskets.

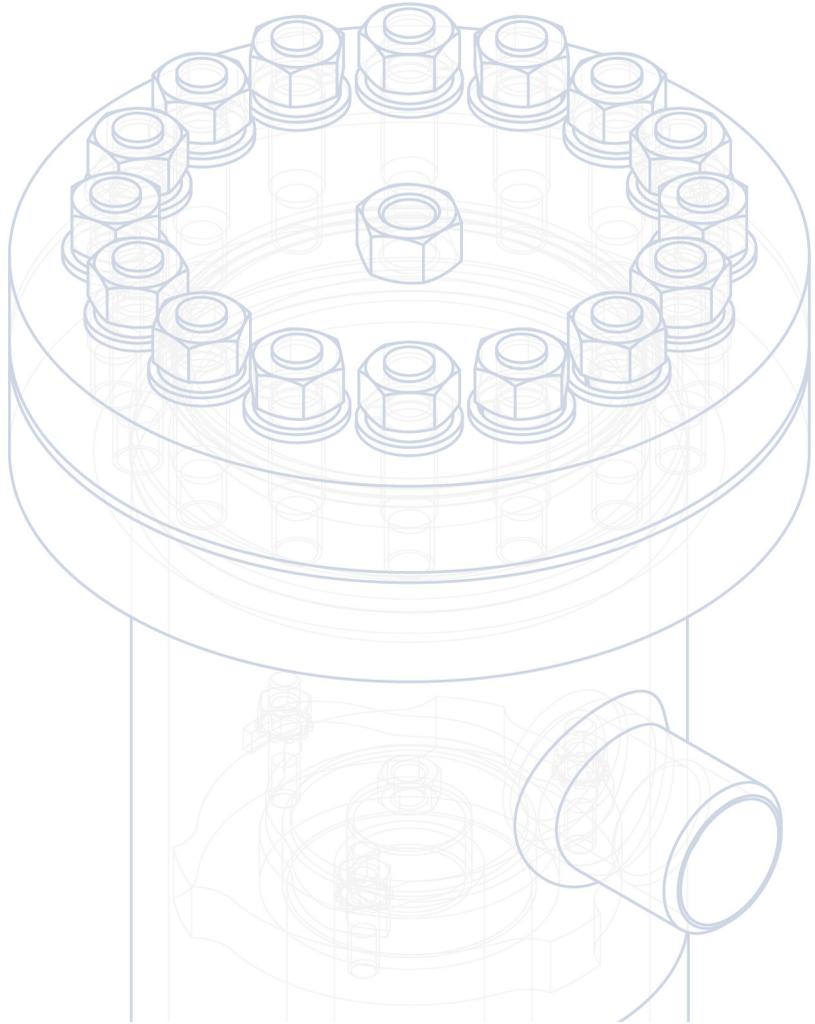
HEAT EXCHANGER GASKET KITS

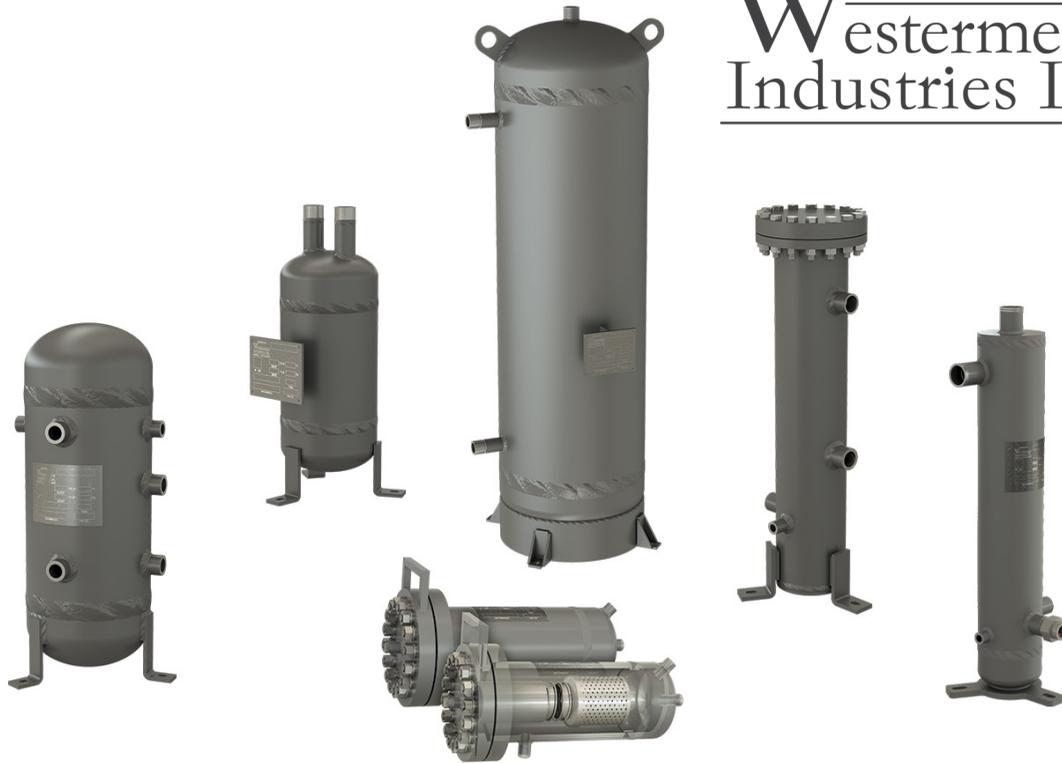
Gasket Kit Number	Condenser Part Numbers		
	HEC(H)	HEM(H)	HPC(H)
GS1	HEC-5 HEC-7 HEC-10	HEM-750Z HEM-1005Z	-
GS2	HEC-15	HEM-1500Z	-
GS3	HEC-20 HEC-25	HEM-2005Z HEM-2505Z HEM-3006Z	HPC-1000A HPC-1500A
GS4	HEC-30 HEC-40 HEC-50	HEM-3505Z HEM-4005Z HEM-4505Z HEM5005Z	HPC-1555A HPC-2005A HPC-2026A HPC-2505A HPC-2527A HPC-3005A HPC-3505A HPC-4005A HPC-4505A HPC-5005A HPC-5505A HPC-6005A HPC-7005A HPC-8005A
GS5	HEC-60 HEC-70 HEC-80	-	HPC-4005A HPC-4505A HPC-5005A HPC-5505A HPC-6005A HPC-7005A HPC-8005A
GS6	HEC-3	-	-
GS7	-	HEM-100Z HEM-200Z	-
GS8	-	HEM-6505Z HEM-7505Z	-
GS9	HEC-2	-	-
GS10	-	HEM-300Z HEM-500Z	-
GS11	-	-	-
GS12	-	-	-
GS13	-	-	-
GS14	HEC-100 HEC-125	-	-
GS15	-	-	HPC-100A
GS16	-	-	HPC-200A HPC-300A
GS17	-	-	HPC-500A HPC-750A HPC-755A
GS18	-	HEM-100HPZ HEM-120HPZ	-

Gasket Kit Number	Chiller Part Numbers
GSC1	DXH5-1 DXH6-1 DXH-7.5-1
GSC2	DXH10-1
GSC3	DXH12-1 DXH15-1 DXH20-1 DXH25-1
GSC4	DX(H)30-1
GSC5	DX(H)40-1 DX(H)50-1 DX(H)60-1 DX(H)80-1
GSC6	DXH10-2 DXH12-2 DXH15-2 DXH20-2 DXH25-2
GSC7	DX(H)30-2 DX(H)40-2 DX(H)50-2 DX(H)60-2 DX(H)80-2
GSC8	DX(H)100-2
GSC9	DX(H)120-2
GSC10	DX150-2 DX175-2
GSC11	DX200-2
GSC12	DX250-2
GSC13	-
GSC14	-



5 NATURAL REFRIGERANTS





OVERVIEW

SUSTAINABLE SOLUTIONS FOR THE FUTURE

Westermeyer Industries manufactures a range of industrial-grade components. Many of these products are designed to utilize environmentally conscious natural refrigerant.

132 **TRANSCRITICAL CO₂**

146 **HANTEMP BY WESTERMEYER**

TRANSCRITICAL CO2 PRODUCTS

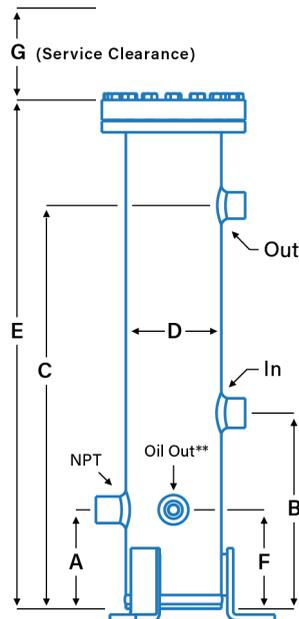
OIL SEPARATORS

COALESCING / MAXIMUM WORKING PRESSURE : 1885 PSI (130 BAR)



FEATURES

Our transcritical coalescing oil separators use a borosilicate glass filter element designed to be 99.5% effective at removing oil particles and system contaminants above 0.3 microns in size. It is recommended that the oil separator be changed when the pressure differential exceeds 15 psig.



TRANSCRITICAL COALESCING OIL SEPARATOR

Catalog Number	In/Out	Dimensions							DCFM		Repl. Filter	Oil Outlet	Oil Cap.
		A	B	C	D	E	F	G	Min/Max				
TCOS4-04	½" NPT	4.44"	8.25"	20.50"	4.00"	24.13"	3.69"	10"	1.5	25	90-051TK	¼" NPT	47 oz
TCOS4-05	⅝" SW*	4.44"	8.25"	20.50"	4.00"	24.13"	3.69"	10"	1.5	25	90-051TK	¼" NPT	47 oz
TCOS4-06	¾" NPT	4.44"	8.25"	20.50"	4.00"	24.13"	3.69"	10"	1.5	25	90-051TK	¼" NPT	47 oz
TCOS4-07	⅞" SW	4.44"	8.25"	20.50"	4.00"	24.13"	3.69"	10"	1.5	25	90-051TK	¼" NPT	47 oz
TCOS4-13	1 ⅜" SW	4.44"	8.25"	20.50"	4.00"	24.13"	3.69"	10"	1.5	25	90-051TK	¼" NPT	47 oz
TCOS5-08	1" NPT	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS5-10	1 ¼" NPT	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS5-11	1 ⅝" SW	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS5-12	1 ½" NPT	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS5-13	1 ⅜" SW	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS5-15	1 ⅝" SW	4.50"	6.63"	22.88"	5.56"	28.06"	4.50"	13"	2.5	35	90-127TK	¼" NPT	75 oz
TCOS8-12	1 ½" NPT	7.25"	8.25"	30.00"	8.625"	36.17"	7.00"	15"	3.5	45	90-058TK	⅝" ODS	1.6 gal
TCOS8-15	1 ⅝" SW	7.25"	8.25"	30.00"	8.625"	36.17"	7.00"	15"	3.5	45	90-058TK	⅝" ODS	1.6 gal
TCOS8-16	2" NPT	7.25"	8.25"	30.00"	8.625"	36.17"	7.00"	15"	3.5	45	90-058TK	⅝" ODS	1.6 gal
TCOS8-21	2 ⅛" SW	7.25"	8.25"	30.00"	8.625"	36.17"	7.00"	15"	3.5	45	90-058TK	⅝" ODS	1.6 gal

*Socket Weld

RECOMMENDED ACCESSORY



Refri-Shield™ RDP-01T
Differential Pressure Monitor
for Transcritical CO₂

TRANSCRITICAL CO2 PRODUCTS

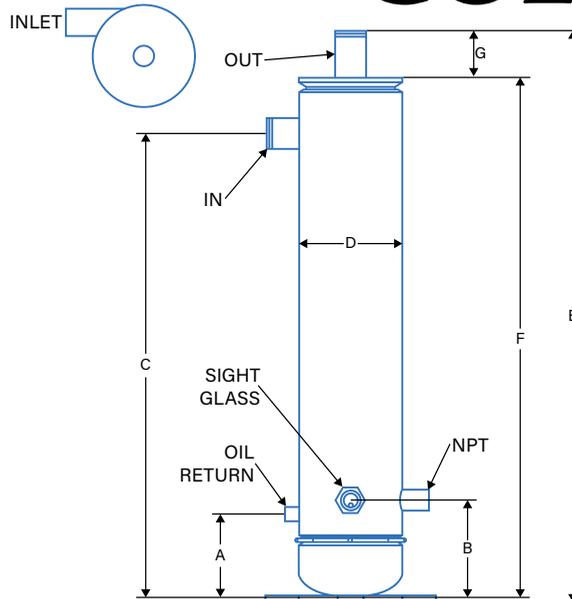
OIL SEPARATORS

CENTRIFUGAL / MAXIMUM WORKING PRESSURE: 1885 PSIG



FEATURES

Centrifugal Oil Separators are designed to remove large quantities of oil from refrigerant at a wide range of operating capacities. This process is accomplished by redirecting the flow path of refrigerant, forcing it to travel in a centrifugal motion inside the vessel, using these forces to strip the oil from the refrigerant. Once the oil is separated, it can be metered back to the compressor. The TOS-series centrifugal oil separator is made to operate at transcritical pressures, using these same processes for effective performance in CO2 refrigeration systems.



TRANSCRITICAL CENTRIFUGAL OIL SEPARATOR

Catalog Number	ODS	Dimensions							Oil Outlet	DCFM	
		A	B	C	D	E	F	G		Min	Max
TOS4-04	½"	3.69"	4.44"	21.69"	4.00"	25.94	24.00"	1.75"	¼" NPT	1.00	4.00
TOS4-05	⅝"	3.69"	4.44"	21.69"	4.00"	25.94	24.00"	1.75"	¼" NPT	1.50	6.00
TOS4-07	⅞"	3.69"	4.44"	21.69"	4.00"	26.44"	24.00"	2.25"	¼" NPT	3.00	12.00
TOS5-11	1 ⅛"	4.50"	5.25"	25.00"	5.56"	30.75"	28.00"	2.50"	¼" NPT	5.00	20.00
TOS5-13	1 ¾"	4.50"	5.25"	25.00"	5.56"	30.75"	28.00"	2.50"	¼" NPT	6.50	26.00
TOS5-15	1 ⅝"	4.50"	5.25"	27.00"	5.56"	32.75"	30.00"	2.50"	¼" NPT	7.00	28.00
TOS6-21	2 ⅛"	5.25	6.00"	29.50"	6.63"	35.75"	33.00"	2.50"	⅝" ODS	10.00	40.00

TRANSCRITICAL CO2 PRODUCTS

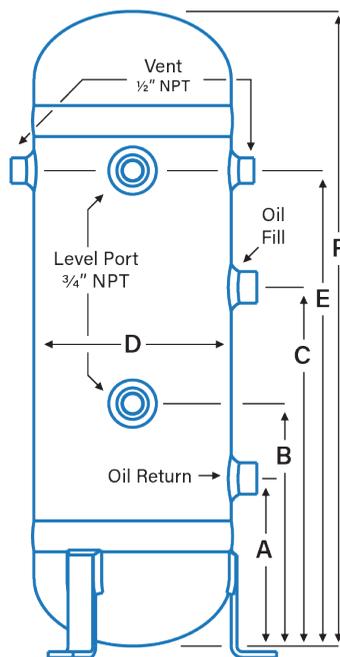
OIL RESERVOIRS

MAXIMUM WORKING PRESSURE : 1885 PSI (130 BAR)



FEATURES

Oil reservoirs are designed to hold excess oil from varying system loads and frost cycles in parallel compressor systems.



TRANSCRITICAL OIL RESERVOIR

Catalog Number	Oil Fill/Ret. NPT	Dimensions						Cap (Gal)
		A	B	C	D	E	F	
TOR5-2	1/2"	5.00"	5.25"	15.00"	5.56"	23.00"	28.00"	2
TOR8-3	3/4"	7.50"	7.75"	13.00"	8.63"	16.75"	23.75"	3
TOR8-4	3/4"	7.50"	7.75"	15.25"	8.63"	20.75"	28.25"	4
TOR8-5	3/4"	7.50"	7.75"	19.00"	8.63"	27.75"	35.00"	5
TOR10-8	3/4"	7.50"	7.75"	17.50"	10.75"	25.50"	33.50"	8
TOR10-10	3/4"	7.50"	7.75"	20.50"	10.75"	31.00"	39.00"	10
TOR12-15	3/4"	8.00"	8.25"	23.50"	12.75"	34.00"	42.00"	15

TRANSCRITICAL CO2 PRODUCTS

SERVICEABLE OIL STRAINER

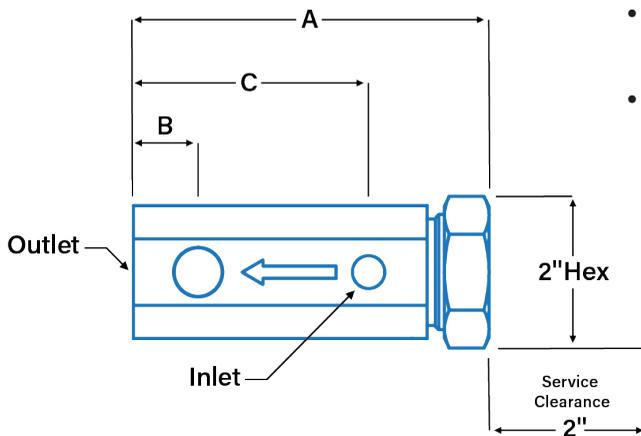
MAXIMUM WORKING PRESSURE : 2031 PSI (140 BAR)



FEATURES

An oil strainer should always be used with any oil management system to ensure that refrigerant oil is clean of any foreign matter that may obstruct the flow of oil. Our inline oil strainers are equipped with a hermetically sealed sight glass, providing a visual indication of oil flow.

- Nickel-Plated Steel Enclosure
- Serviceable Strainer Basket
- 5.51 sq. in. filtering surface
- Hermetically-Sealed Sight Glass



TRANSCRITICAL SERVICEABLE OIL STRAINER

Catalog Number	Dimensions			Repl. Screen	Inlet / Outlet
	A	B	C		
TST-01	5.48"	1"	3.63"	90-026TK	1/4" FNPT

OIL FILTERS

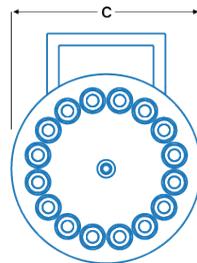
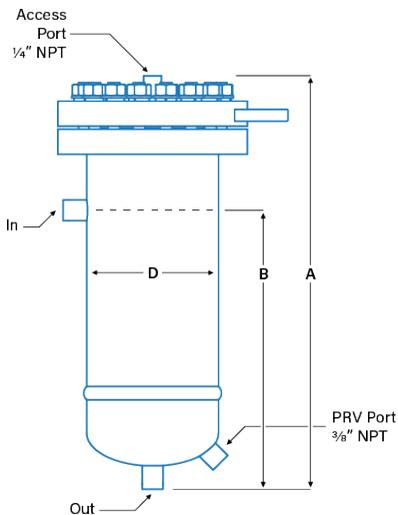
MAXIMUM WORKING PRESSURE : 1885 PSI (130 BAR)



FEATURES

An oil filter should always be used with any oil management system to ensure that refrigerant oil is clean of any foreign matter that may obstruct float valves in an oil system.

- Low pressure drop filter. Replace at 15 PSIG pressure drop
- 99.5% efficient at removing 4-micron particles and larger
- 330 sq. in. of filtering surface area



TRANSCRITICAL OIL FILTER

Catalog Number	Dimensions				Repl. Filter	Ftg. Size
	A	B	C	D		
TOF5-04	17.25"	11.61"	8.00"	5.56"	90-007TK	1/2" ODS
TOF5-05	17.50"	11.79"	8.00"	5.56"	90-007TK	5/8" ODS

TRANSCRITICAL CO2 PRODUCTS

FILTER DRIERS

MAXIMUM WORKING PRESSURE : 1885 PSI (130 BAR)

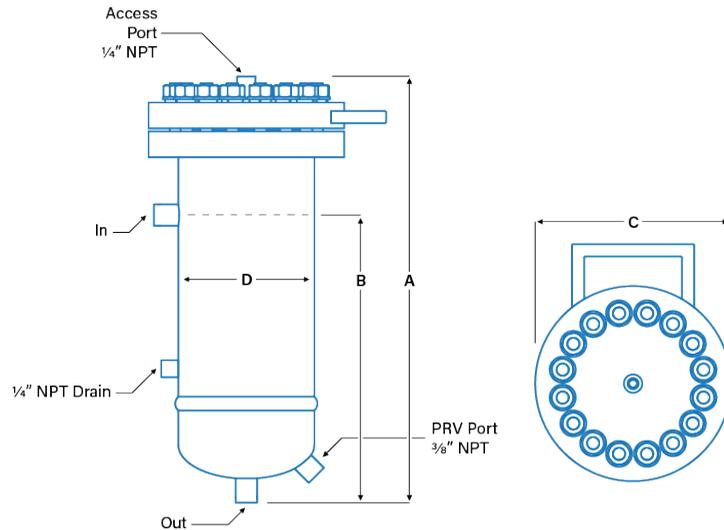


FEATURES

A filter drier is a crucial component in any HVAC or Refrigeration system. Our line transcritical filter drier housings protect the system by filter system particulates, while also helping to prevent moisture from adversely affecting system components.



Featuring filter-drier cores* from:



TRANSCRITICAL FILTER DRIER

Catalog Number	Dimensions				Num. of Cores*	Ftg. Size	Capacity CO2 (Tons)
	A	B	C	D			
TF1-05	17.25"	10.63"	8.00"	5.56"	1	5/8"	34.70
TF1-07	17.56"	10.97"	8.00"	5.56"	1	7/8"	58.20
TF1-11	17.75"	11.16"	8.00"	5.56"	1	1 1/8"	82.80
TF1-13	17.75"	11.16"	8.00"	5.56"	1	1 3/8"	114.60
TF1-15	18.00"	11.41"	8.00"	5.56"	1	1 5/8"	132.60
TF1-21	18.25"	11.66"	8.00"	5.56"	1	2 1/8"	198.10
TF2-07	23.31"	16.72"	8.00"	5.56"	2	7/8"	59.50
TF2-11	23.50"	16.91"	8.00"	5.56"	2	1 1/8"	93.60
TF2-13	23.50"	16.91"	8.00"	5.56"	2	1 3/8"	120.70
TF2-15	23.75"	17.16"	8.00"	5.56"	2	1 5/8"	146.50
TF2-21	24.00"	17.41"	8.00"	5.56"	2	2 1/8"	214.40
TF3-11	29.25"	22.66"	8.00"	5.56"	3	1 1/8"	93.10
TF3-13	29.25"	22.66"	8.00"	5.56"	3	1 3/8"	133.10
TF3-15	29.50"	22.91"	8.00"	5.56"	3	1 5/8"	149.20
TF3-21	29.75"	23.16"	8.00"	5.56"	3	2 1/8"	186.10
TF4-13	35.06"	28.47"	8.00"	5.56"	4	1 3/8"	139.20
TF4-15	35.31"	28.72"	8.00"	5.56"	4	1 5/8"	162.30

*Cores sold separately. Mueller Refrigeration part numbers: P36818 (Filter-Drier Core); A18733C (Suction-Line Filter).

TRANSCRITICAL CO2 PRODUCTS

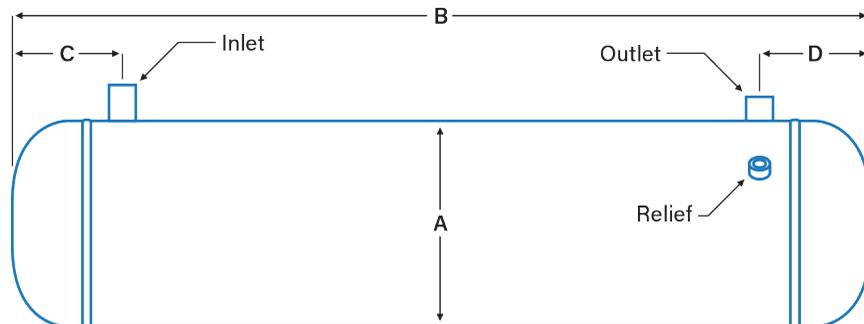
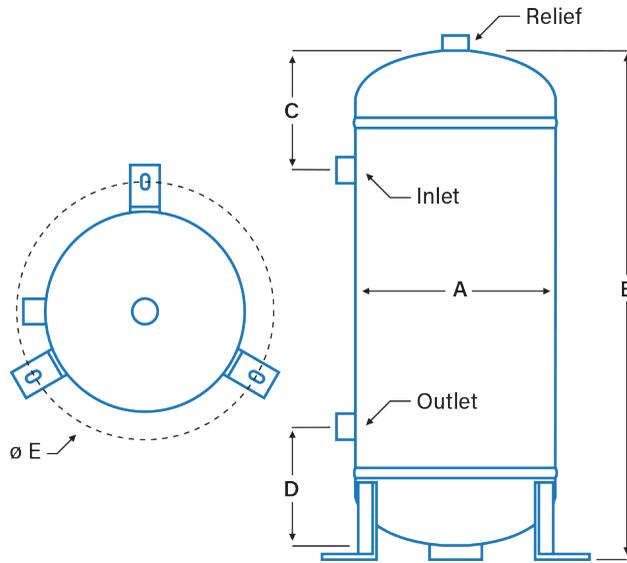
LIQUID RECEIVERS

MAXIMUM WORKING PRESSURE : 1305 PSI (90 BAR)



FEATURES

Liquid receivers or flash tanks are designed to hold excess refrigerant between the gas cooler/condenser and expansion devices.



TRANSCRITICAL LIQUID RECEIVER

	Catalog Number	Dimensions					ODS In/Out*	NPT	Volume (ft ³)**	
		A	B	C	D	E				
Vertical	TRV615	6.63"	15.75"	5.25"	5.25"	9.12"	5/8"	5/8"	3/8"	0.12
	TRV816	8.63"	16.75"	6.00"	6.00"	11.12"	5/8"	5/8"	3/8"	0.24
	TRV1018	10.75"	18.38"	4.00"	8.00"	13.25"	1 1/8"	1 1/8"	1/2"	0.32
	TRV1236	12.75"	36.50"	8.50"	8.50"	15.25"	1 1/8"	1 1/8"	1/2"	1.49
	TRV1446	14.00"	46.00"	9.00"	9.00"	16.60"	1 5/8"	1 5/8"	1/2"	2.42
	TRV1660	16.00"	60.00"	9.50"	9.50"	18.36"	2 5/8"	2 5/8"	1/2"	4.38
	TRV1862	18.00"	62.00"	10.00"	10.00"	20.60"	2 5/8"	2 5/8"	1/2"	5.93
	TRV2072	20.00"	72.00"	11.00"	11.00"	22.64"	3 1/8"	3 1/8"	1/2"	8.12
Horizontal	TRH2472	24.00"	72.00"	15.00"	15.00"	26.60"	4 1/8"	4 1/8"	3/4"	11.70
	TRH636	6.63"	36.00"	5.25"	5.25"	-	7/8"	7/8"	3/8"	0.43
	TRH848	8.63"	48.00"	6.00"	6.00"	-	1 1/8"	1 1/8"	1/2"	1.05
	TRH1036	10.75"	36.00"	8.25"	8.25"	-	1 3/8"	1 3/8"	1/2"	1.05
	TRH1260	12.75"	60.00"	8.00"	8.00"	-	1 5/8"	1 5/8"	1/2"	2.91
	TRH1472	14.00"	72.00"	9.00"	9.00"	-	2 1/8"	1 3/8"	1/2"	4.31
	TRH1672	16.00"	72.00"	9.50"	9.50"	-	2 5/8"	2 1/8"	1/2"	5.69
	TRH1872	18.00"	72.00"	10.00"	10.00"	-	3 1/8"	2 1/8"	1/2"	7.44
	TRH2072	20.00"	72.00"	11.00"	11.00"	-	3 1/8"	2 5/8"	1/2"	8.69
	TRH24120	24.00"	120.00"	15.00"	15.00"	-	4 1/8"	3 5/8"	3/4"	21.97

*Socket weld

**Volumes calculated at 90% capacity

TRANSCRITICAL CO2 PRODUCTS

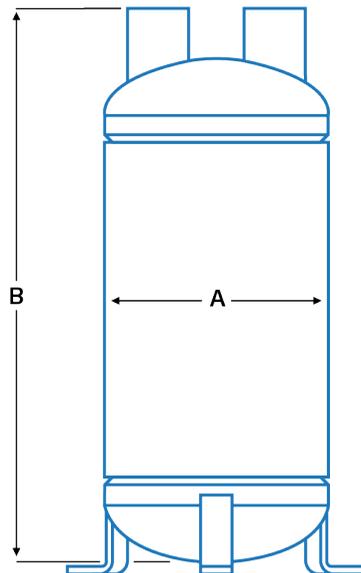
ACCUMULATORS

MAXIMUM WORKING PRESSURE : 1305 PSI (90 BAR)



FEATURES

Suction line accumulators are designed to act as a temporary holding vessel between the outlet of the evaporator and the inlet of the compressor. During flood-back conditions, the accumulator traps the liquid charge and allows it to be evaporated and fed to the compressor at a controlled rate while also metering any residual oil left in the system.



TRANSCRITICAL LIQUID RECEIVER

Catalog Number	ODS	Dimensions		Volume*
		A	B	ft ³
TA3-04	1/2"	3.50"	10.00"	0.01
TA4-03	3/8"	4.50"	10.00"	0.03
TA4-04	1/2"	4.50"	10.00"	0.03
TA4-05	5/8"	4.50"	10.00"	0.03
TA4-06	3/4"	4.50"	10.00"	0.02
TA5-07	7/8"	5.56"	10.00"	0.03
TA6-11	1 1/8"	6.63"	18.75"	0.13
TA6-13	1 3/8"	6.63"	23.00"	0.18
TA6-15	1 5/8"	6.63"	23.00"	0.18
TA8-11	1 1/8"	8.63"	22.00"	0.34
TA8-15	1 5/8"	8.63"	22.00"	0.27
TA8-21	2 1/8"	8.63"	22.00"	0.25
TA10-11	1 1/8"	10.75"	22.00"	0.55
TA10-21	2 1/8"	10.75"	22.00"	0.31
TA10-25	2 5/8"	10.75"	22.00"	0.28
TA10-31	3 1/8"	10.75"	25.00"	0.39
TA12-13	1 3/8"	12.75"	25.00"	0.90
TA12-21	2 1/8"	12.75"	25.00"	0.84
TA12-25	2 5/8"	12.75"	25.00"	0.76
TA12-31	3 1/8"	12.75"	25.00"	0.57

*Volumes calculated at 85% capacity.

Add a "L" at the end of the part number for a 3/4" NPT high liquid level port

HANTEMP BY WESTERMEYER

STAINLESS STEEL BALL VALVES

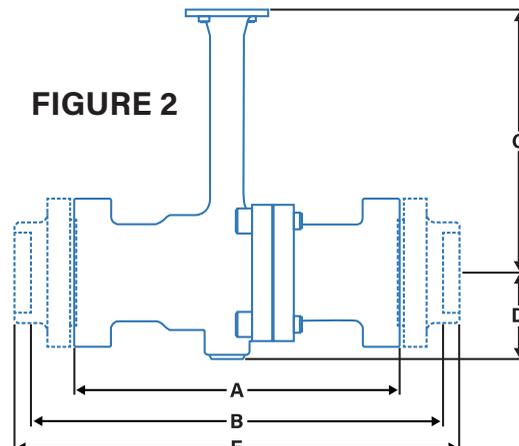
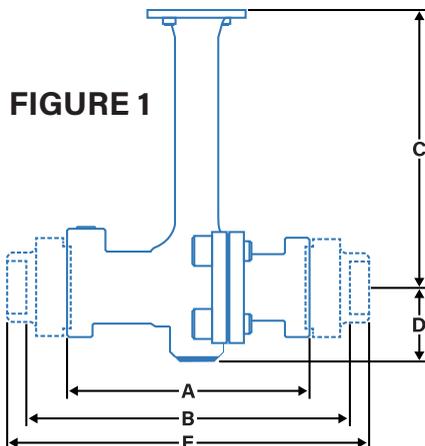
MAXIMUM WORKING PRESSURE : 800 PSIG



FEATURES

The stainless steel ball valves are available in manual (SSBV) and motorized (MCBV). These ball valves have become increasingly popular for industrial refrigeration due to their smooth operation and minimal pressure drop. This patented ball valve design features stainless steel construction, very low pressure drop, gradual opening/closing, and an extended valve neck for simple insulation. These designs allow you to choose a standard motorized F05 actuator mount for the MCBV.

- Fluid temperatures: -70°F to +240°F
- Available for flanged or weld inline
- Lock-out/tag-out option
- Compatible with all common refrigerants (NH₃, CO₂, halocarbon, hydrocarbons)

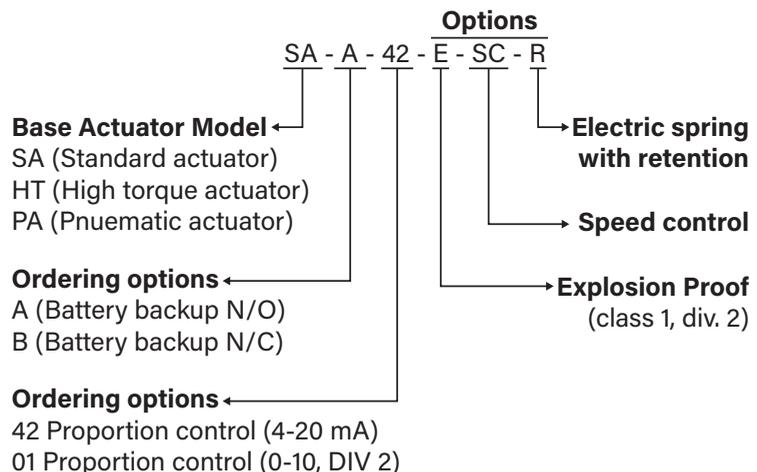
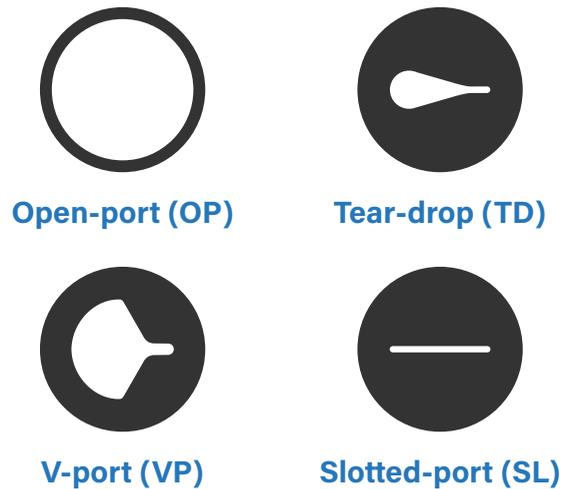
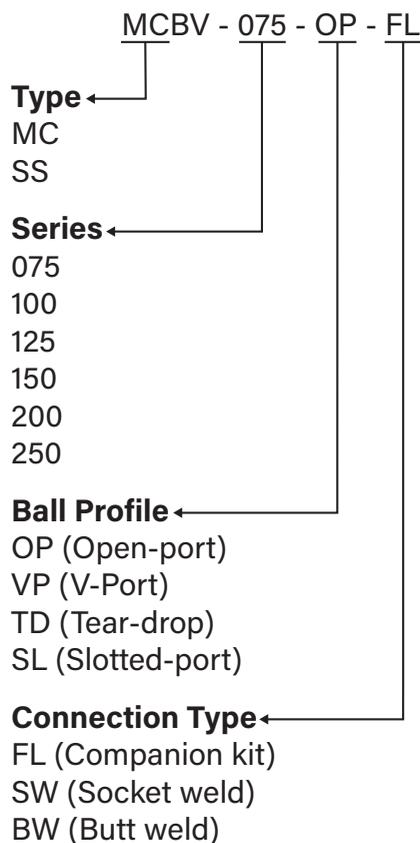


STAINLESS STEEL BALL VALVES

Figure	Valve Size	Dimensions					Weight
		A	B	C	D	E	
Figure 1	3/4" - 1 1/4"	6.19"	8.31"	7.00"	1.85"	9.31"	7.8 lbs.
Figure 2	1 1/2" - 2 1/2"	9.88"	12.50"	8.00"	2.63"	13.50"	19.2 lbs.

ORDERING

Westermeyer Industries custom manufactures every ball valve and actuator to your specification. To order, state the valve type, series, ball type and connection type. For actuators, pick between the base specifications, then select your add on options.



Ordering Examples:

MCBV-125-VP-BW = Motor controlled ball valve, 1 1/4" connection size, V-port, Butt weld connection

HT-B-01-SC = High torque actuator, N/C battery backup, Proportion control (0-10, DIV 2), Speed Control

HANTEMP BY WESTERMEYER

SCV WELD IN-LINE CHECK VALVES

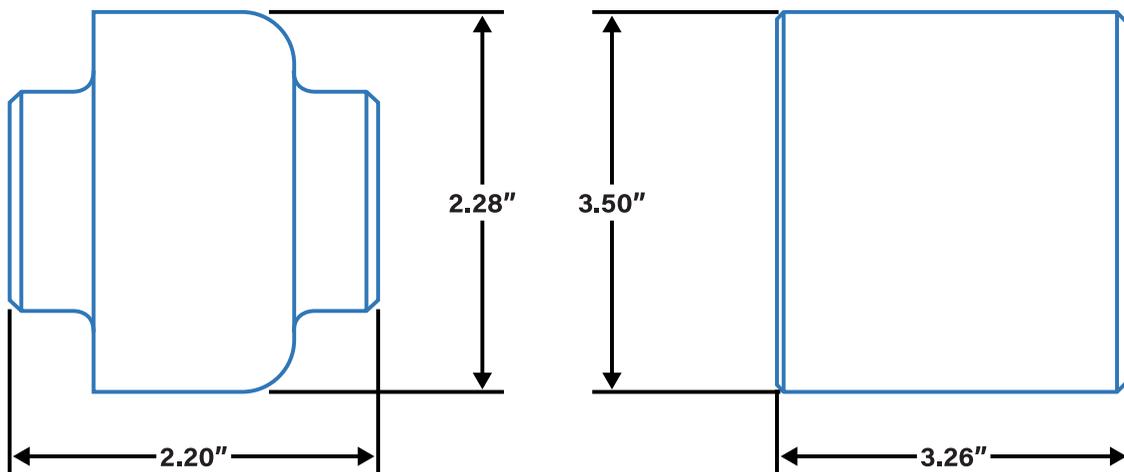
MAXIMUM WORKING PRESSURE : 2000 PSIG



FEATURES

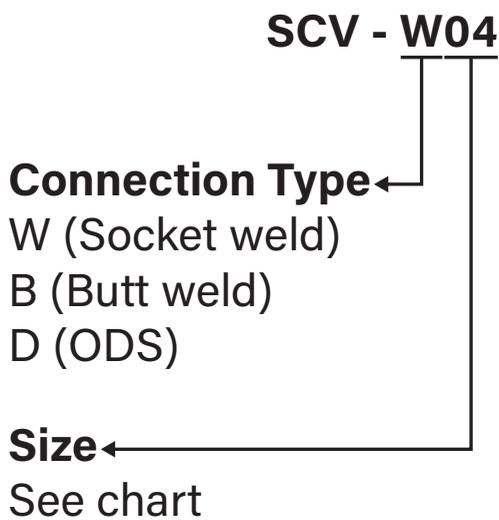
The SCV is a refrigeration check valve for weld inline installation. Constructed of stainless steel, it is designed to prevent the reverse flow of refrigeration liquid or gas.

- For NH₃, CO₂, and nearly all industrial refrigerants
- 304L stainless steel construction requires no gaskets
- Can be welded directly in-line
- Available for socket, butt-weld, or ODS



ORDERING

Westermeyer Industries provide various options for our check valves. To order, state the connection type and see the charts below.



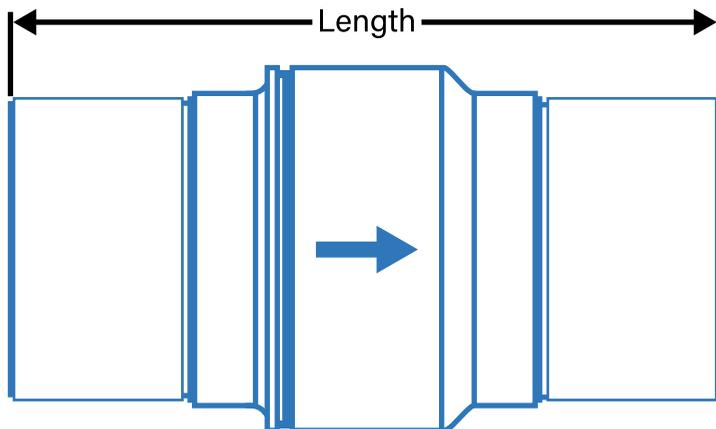
Connection Size	Nom.	Connection Type	
		W	B
1/2"	04	✓	
3/4"	06	✓	
1"	10	✓	✓
1 1/4"	12	✓	✓
1 1/2"	14	✓	✓
2"	20	✓	✓

Ordering Examples:

SCV-W04 = check valve with 1/2" socket weld connection

ODS MODELS

ODS models have extra length, to find the size you need, use the chart below.



Part Number	Length
SCV-D11	4.092"
SCV-D13	4.125"
SCV-D15	4.467"
SCV-D21	6.143"
SCV-D25	6.843"

HANTEMP BY WESTERMEYER

CK4T CARTRIDGE CHECK VALVE

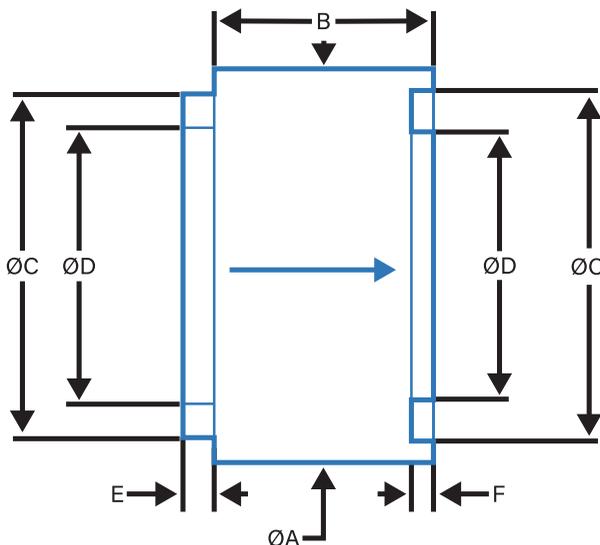
MAXIMUM WORKING PRESSURE : 800 PSIG



FEATURES

The CK4t is an in-line refrigeration check valve. Constructed of stainless steel, it is designed to prevent the reverse flow of refrigeration liquid or gas.

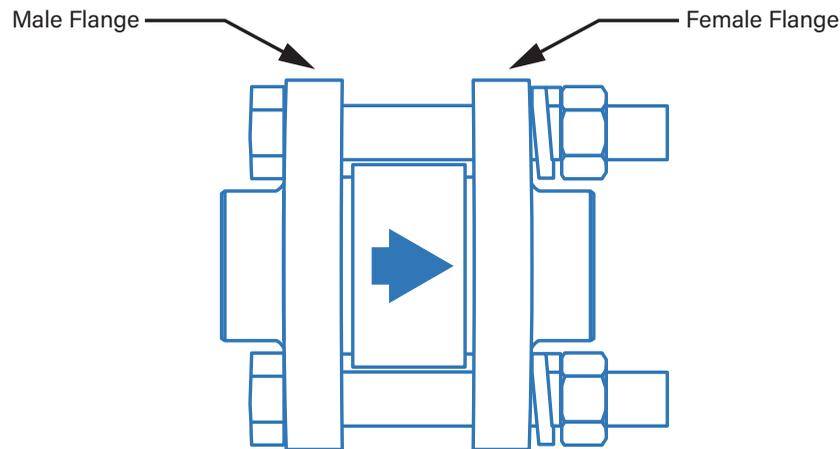
- Close couples to flanged control valves without need for male adapter ring
- Available for $\frac{3}{4}$ " to 2 $\frac{1}{2}$ " pipe sizes
- For ammonia, CO₂, heat transfer fluids, and other approved refrigerants
- Hardware is included with kit order
- Valve may be oriented in any position. Arrow on check body should match direction of flow



CK4T CARTRIDGE CHECK VALVES

Part Number	A	B	C	D	E	F
CK4T-100	2.38"	1.31"	2.13"	1.63"	.19"	.13"
CK4T-200	3.62"	2.56"	3.28"	2.47"	.19"	.13"

CK4T KIT ORDERING



CK4t-100-W06

Series
 100
 200

Connection Type
 W (Socket weld)
 B (Butt weld)
 D (ODS)
 N (FNPT)

Connection Size
 See chart

Series	Connection Size	Nom.	Connection Type			
			W	B	D	N
100	¾"	06	✓	✓		✓
	⅞"	07			✓	
	1"	10	✓	✓		✓
	1 ⅛"	11			✓	
	1 ¼"	12	✓	✓		✓
	1 ⅜"	13			✓	
200	1 ½"	14	✓	✓		✓
	1 ⅝"	15			✓	
	2"	20	✓	✓		✓
	2 ⅛"	21			✓	
	2 ½"	24	✓	✓		✓

HANTEMP BY WESTERMEYER

GAUGE AND TRANSDUCER VALVES

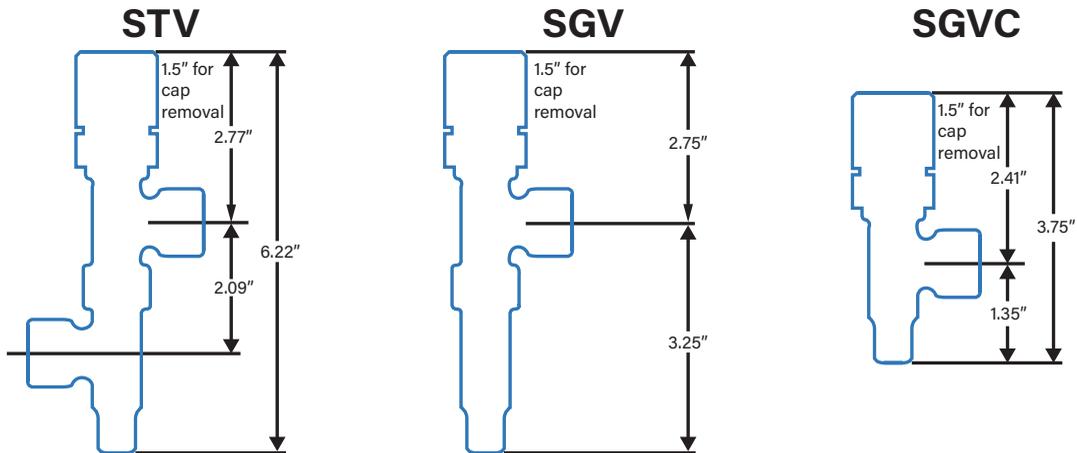
MAXIMUM WORKING PRESSURE : 800 PSIG



FEATURES

The SGV Stainless Steel Gauge Valve provides strength and durability. The SGV is designed for simple maintenance and features a blow out proof stem.

- For ammonia, CO2, and secondary refrigerants
- Avoids vulnerability to corrosion and low temperature embrittlement
- Included seal cap lanyard
- Available as standard extended neck body (SGV) or compact body (SGVC)



SGV GAUGE VALVES

Part Number	Description	Port Size	Connection Type
Stainless Steel Gauge & Transducer Valves			
STV	Stainless Steel Transducer Valves w/ Lanyard	1/4"	NPT
SGV	Stainless Steel Guage Valve w/ Lanyard	1/4"	NPT
SGVC	Compact stainless steel Gauge Valve w/ Lanyard	1/4"	NPT
Stainless Steel Ammonia Gauges			
SSG-150	2 1/2" Silicone-filled Ammonia gauge 330" HG to 150 psi/corr F	1/4"	NPT
SSG-300	2 1/2" Silicone-filled Ammonia gauge 330" HG to 150 psi/corr F	1/4"	NPT



HANTEMP BY WESTERMEYER

REFRIGERANT FLOAT SWITCH

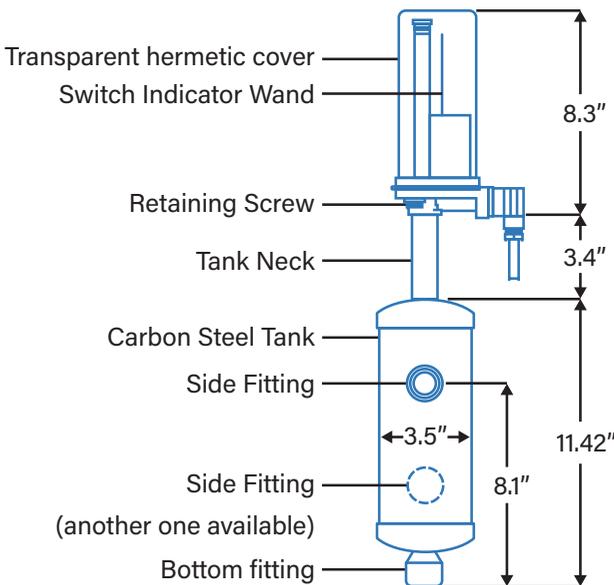
MAXIMUM WORKING PRESSURE : 800 PSIG



FEATURES

The SSLL refrigerant float switch is primarily for high level cut-out, operating level, or low-level cut-out. This stainless steel float switch is also for the control of flow and liquid level of refrigerants and other liquids in industrial refrigeration systems.

- Operating fluid temperature: -60°F to +150°F
- Ambient temperature: -50°F to +120°F
- FTP or Buttweld available
- 3/4" port size
- Visible neon yellow indicator wand clearly shows switch position
- DIN connection and 1/2" conduit
- Tested for over 1,000,000 cycles



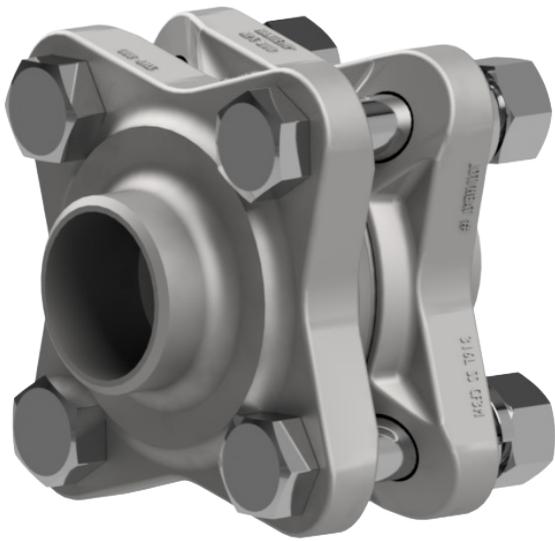
REFRIGERANT FLOAT SWITCH

Part Number	Description	Port Size	Connection Type
SSLL	Float switch assembly	3/4"	FPT/Butt weld
SSLLS	Two side-connection	3/4"	FPT/Butt weld
SSLL-LE	Level eye (sight-glass)	3/4"	FPT/Butt weld
LT	Tank assembly only	3/4"	FPT/Butt weld
LTS	Two side-connection tank assembly only	3/4"	FPT/Butt weld
LS	Switch assembly replacement	N/A	N/A
HTR	10W 24V switch heater	N/A	N/A
LS-COV	Aluminum switch Cover	N/A	N/A

HANTEMP BY WESTERMEYER

FLANGES & UNIONS

MAXIMUM WORKING PRESSURE : 800 PSIG



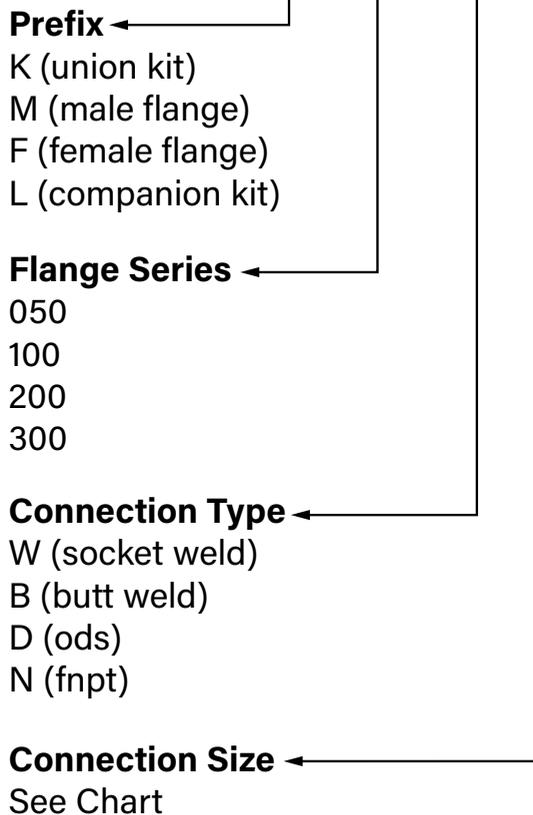
FEATURES

Our stainless steel flanges, flange kits, and flange unions are made to withstand low temperatures and corrosion. These flanges are a safe, low maintenance option for industrial refrigeration.

- Available from ½" - 3 ⅛" pipe sizes
- Butt weld, socket weld, ODS, or NPT threaded connections
- Companion flange kits includes: pair of male tongue flanges, gasket, stainless steel mounting hardware
- Flange union kits include: 1 male tongue and 1 female groove flange, stainless steel mounting hardware

FLANGE ORDERING DETAILS

SK-100-W10*



Ordering Examples:

SK-100-W04 = One male flange, one female flange, 100 series, 1/2" socket weld connection

SL-300-D31 = Two male flanges, 300 series, 3 1/8" ODS sweat connections

*For kits with dissimilar flanges, specify when ordering (e.g. SK-100-W10-B14)
 All models are built to schedule 40. Contact sales if a different pipe schedule is required
 For connection sizes see chart on page 159

HANTEMP BY WESTERMEYER

NAME/SIZE CHARTS

Hantemp Nom.	WII Nom.	Meaning
SS	S	Stainless steel
UK	K	Union kit (One male and one female flange, hardware included)
MF	M	Male flange
FF	F	Female flange
FL	L	Companion flange kit (Contains two male flanges)
SW	W	Socket weld
BW	B	Butt weld
ODS	D	Copper sweat connection
FNPT	N	Female threaded connection

FLANGE CONNECTION CHART

Series	Connection Size	Nom.	Connection Type			
			W	B	D	N
050	1/4"	02				✓
	3/8"	03				✓
	1/2"	04	✓	✓		✓
	5/8"	05			✓	
100	3/4"	06	✓	✓		✓
	7/8"	07			✓	
	1"	10	✓	✓		✓
	1 1/8"	11			✓	
	1 1/4"	12	✓	✓		✓
	1 3/8"	13			✓	
200	1 1/2"	14	✓	✓		✓
	1 5/8"	15			✓	
	2"	20	✓	✓		✓
	2 1/8"	21			✓	
300	2 1/2"	24	✓	✓		✓
	2 5/8"	25			✓	
	3"	30	✓	✓		✓
	3 1/8"	31			✓	

CONTACT US

Customer service is our number one priority. Please feel free to reach out to us with any questions you may have and we'd be happy to assist you.

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LEGEND OF CERTIFICATION SYMBOLS



UL listed in US and Canada



Canadian Registration Number Available. *Contact Westermeyer Industries for more information.*



UL recognized component



ASME Pressure Vessel Certification

NOTICES

For standard terms and conditions, please visit our website at www.westermeyerind.com

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