

2018 EDITION 1

P R O D U C T C A T A L O G

COMPONENTS FOR THE REFRIGERATION AND AIR CONDITIONING INDUSTRY

CUSTOMER DRIVEN | RESULTS ORIENTED

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2018 EDITION 1

Westermeyer Industries Inc. A COMPANY OF MUELLER INDUSTRIES

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
- PED
- SII

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 subassemblies 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.

VAPOR-COMPRESSION REFRIGERATION

DIAGRAM OF A TYPICAL REFRIGERANT SYSTEM



INTRODUCTION



TOTAL SYSTEM SPECIALISTS —

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

) OIL MANAGEMENT | 8

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.

2) HEAT EXCHANGE | 40

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.

B) LIQUID MANAGEMENT | 56

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 suctionline accumulators placed after the evaporator for compressor protection.

PARTS & ACCESSORIES | 90

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.





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
- 34 OIL REGULATORS
- 36 OIL FILTERS

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

Catalan			Dime	Dimensions		Max. Capacity (Tons of Refrigeration)							
ſ	Number	ODS	А	В	R-1	34A	R-	22	R-4	04A	Pre- Charge	Min DCFM	Max DCFM
					-40°F	+40°F	-40°F	+40°F	-40°F	+40°F			
	OS4-02	1⁄4"	4″	8.25"	0.5	0.75	0.75	1.0	0.75	1.0	15 oz	0.20	0.60
	OS4-03	3⁄8"	4"	8.25"	0.75	1.0	1.0	1.5	1.0	1.5	15 oz	0.26	0.80
	OS4-04	1⁄2"	4"	10.25"	1.0	1.5	1.5	2.0	1.5	2.0	15 oz	0.50	1.5
	OS4-05	5⁄8"	4"	14.25"	3.0	4.0	4.5	5.5	4.0	5.5	15 oz	1.50	5
	OS4-07	7⁄8"	4"	17.75"	4.5	5.5	7.0	8.0	6.5	8.5	15 oz	2.25	7.5
sealed	OS4-11	1 1⁄8"	4"	21"	6.0	7.5	9.0	10.5	8.5	11	15 oz	3.00	10
0,	OS4-13	1 3⁄8"	4"	21"	8.0	9.5	10.5	13.5	10.5	14	15 oz	3.90	13
	OS6-11	1 1⁄8"	6"	15.38"	6.0	7.5	9.0	10.5	8.5	11	40 oz	3.00	10
	OS6-13	1 3⁄8"	6"	15.38"	8.0	9.5	10.5	13.5	10.5	14	40 oz	3.90	13
	OS6-15	1 5⁄8"	6"	18.63"	11	13	16	18	15	19	40 oz	5.10	17
	OS6-21	2 1⁄8"	6"	18.63"	17	22	25	30	29	34	40 oz	6.00	20
	W-1901	1 5⁄8"	8"	21"	12	15	20	24	21	24	25 oz	5.10	17
eable*	W-1902	2 1⁄8"	8"	21"	20	25	30	35	34	39	25 oz	8.10	27
Service	W-1903	2 5⁄8"	10"	21.5"	30	40	50	65	59	69	25 oz	15	50
	W-1904	3 1⁄8"	12.8"	25.75"	50	60	75	90	79	99	25 oz	21	70

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 109 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.

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	ODS	Dime	ensions	Max. Capacity (Tons of Refrigeration)	Precharge
Number		А	В	R-410A at +40°F	
OSH4-02	1⁄4"	4″	8.25"	2.5	15 oz
OSH4-03	3⁄8"	4"	8.25"	2.5	15 oz
OSH4-04	1⁄2"	4"	10.25"	3	15 oz
OSH4-05	5⁄8"	4"	14.25"	10	15 oz
OSH4-07	7⁄8"	4"	17.75"	16	15 oz
OSH4-11	1 1⁄8"	4"	21"	21	15 oz
OSH4-13	1 3⁄8"	4"	21"	23	15 oz
OSH6-11	1 1⁄8"	6"	15.38"	25	40 oz
OSH6-13	1 3⁄8"	6"	15.38"	27	40 oz
OSH6-15	1 5⁄8"	6"	18.63"	35	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.

CENTRIFUGAL OIL SEPARATORS

MAXIMUM WORKING PRESSURE : 450 PSIG



SEALED UNIT A B 3/4" Flare

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 separator for use in supermarket and parallel compressor systems.

For screw compressor applications, an oil separator/reservoir without internal float must be used.

PATENT # 7,810,351 B2





CENTRIFUGAL OIL SEPARATORS

Catalog Number				Dimensions			Capacity (Tons of Refrigeration)*				ı)*			
		ODS	А	в	с	D	R-1	34A	R-	22	R-4	04A	Pre- Charge	Max DCFM
	054.040	14."	۸ ¹¹	12"	2"	2 5"	-40°F	+40°F	-40°F	+40°F	-40°F	+40°F	15.07	15
	034-040	72	4	15	с"	3.5	1	2	2	3	2	5	15 02	-
	OS4-05C	5⁄8"	4"	15"	3"	3.5"	4	5	6	1	6	1	15 oz	5
aled	OS4-07C	7⁄8"	4"	17"	3"	4"	6	7	9	10	8	9	15 oz	7.5
Sea	OS4-11C	1 1⁄8"	4"	19"	3"	4"	8	10	12	13	11	12	15 oz	10
	OS6-13C	1 ³⁄8"	6"	15"	4.5"	5"	10	13	16	18	15	19	40 oz	13
	OS6-15C	1 5⁄8"	6"	17"	4.5"	5"	15	17	20	23	19	24	40 oz	17
	OS6-21C	2 1⁄8"	6"	17"	4.5"	5"	23	27	32	38	30	39	40 oz	27
	OS4-05FA	5⁄8"	4"	15"	3"	3.5"	4	5	6	7	6	7	25 oz	5
	OS4-07FA	7⁄8"	4"	17"	3"	4"	6	7	9	10	8	9	25 oz	7.5
	OS4-11FA	1 1⁄8"	4"	19"	3"	4"	8	10	12	13	11	12	25 oz	10
*	OS6-13F	1 ³⁄8"	6"	22"	4.5"	5"	10	13	16	18	15	19	25 oz	12
eable	OS6-15F	1 5⁄8"	6"	22"	4.5"	5"	15	17	20	23	19	24	25 oz	17
servic.	OS6-21F	2 1⁄8"	6"	22.38"	5.25"	5.88"	23	27	32	38	30	39	25 oz	27
0)	OS8-21	2 1⁄8"	8"	34"	5.63"	6"	28	34	45	50	39	52	25 oz	38
	OS8-25	2 5⁄8"	8"	23.50"	6.16"	6"	44	54	68	77	63	82	25 oz	55
	OS10-25	2 5⁄8"	10"	27"	6.5"	6.5"	58	70	90	100	80	105	25 oz	76
	OS12-31	3 1⁄8"	12.8"	30"	7.75"	9"	90	110	140	160	125	165	25 oz	118

*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 109 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.

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.

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

PATENT # 7,810,351 B2





CENTRIFUGAL OIL SEPARATORS (HIGH PRESSURE)

Catalog	ODS	Dimensions			Capacity* (Tons of Refrigeration)	Max DCFM	Precharge	
Number		Α	В	С	D	R-410A at +40°F		
OSH4-04C	1⁄2"	4″	13"	3"	3.5"	3	1.5	15 oz
OSH405C	5⁄8"	4"	15"	3"	3.5"	10	5	15 oz
OSH4-07C	7⁄8"	4"	17"	3"	4"	16	7.5	15 oz
OSH4-11C	1 1⁄8"	4"	19"	3"	4"	21	10	15 oz
OSH6-13C	1 ³⁄8"	6"	15"	4.5"	5"	27	13	40 oz
OSH6-15C	1 5⁄8"	6"	17"	4.5"	5"	35	17	40 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.

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





CENTRIFUGAL OIL SEPARATOR/RESERVOIRS

Catalan		Dimensions			Cá	Capacity (Tons of Refrigeration)*						Oil	
Number	ODS	Δ	B	C	D	R-1:	34A	R-	22	R-4	04A	Max DCFM	Capacity
		^		Ŭ		-40°F	+40°F	-40°F	+40°F	-40°F	+40°F		(Gallons)
OS4-07RES	7⁄8"	4″	33"	3"	4"	6	7	9	10	8	9	7.5	2
OS4-11RES	1 1⁄8"	4"	33"	4"	4"	8	10	12	13	11	12	10	2
OS6-13RES	1 ³⁄8"	6"	33.5"	4.38"	5"	10	13	16	18	15	19	12	1.5
OS6-15RES	1 5⁄8"	6"	33.5"	4.5"	5"	15	17	20	23	19	24	17	1.5
OS6-21RES	2 1⁄8"	6"	33.5"	5.25"	5.9"	23	27	32	38	30	39	27	1.5
OS8-21RES	2 1⁄8"	8"	25.5"	5.41"	6"	28	34	45	50	39	52	38	2
OS8-25RES	2 5⁄8"	8"	25.5"	6.16"	6"	44	54	68	77	63	82	55	2.5
OS10-25RES	2 5⁄8"	10"	30"	6.34"	6.5"	58	70	90	100	80	105	76	2.5
OS10-31RES	3 1⁄8"	10"	30"	7.5"	6.5"	90	110	140	160	125	90	90	2.5
OS12-31RES	3 1⁄8"	12"	30"	7.75"	9"	90	110	140	160	125	165	118	4

*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.

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







CENTRIFUGAL OIL SEPARATOR/RESERVOIRS (HIGH PRESSURE)

Catalog	ODS		Dimer	nsions		Capacity*	Max	Oil
Number		А	В	С	D	(Tons of refrigeration) R-410A at +40°F	DCFM	Capacity (Gallons)
OSH4-05RES	5⁄8"	4″	33"	3.15"	4"	10	5	2
OSH4-07RES	7⁄8"	4"	33"	3"	4"	16	7.5	2
OSH4-11RES	1 1⁄8"	4"	33"	3"	4"	21	10	2
OSH4-13RES	1 3⁄8"	4"	33"	3.38"	4"	23	11	2
OSH6-13RES	1 3⁄8"	6"	33.5"	4.38"	5"	27	12	1.5
OSH6-15RES	1 5⁄8"	6"	33.5"	4.5"	5"	35	17	1.5
OSH6-21RES	2 1⁄8"	6"	33.5"	5.25"	5.9"	56	27	1.5
OSH8-21RES	2 1⁄8"	8"	25.5"	5.41"	6"	79	38	2
OSH10-25RES	2 5⁄8"	10"	30"	6.34"	6.5"	158	76	2.5
OSH12-31RES	3 1⁄8"	12.75"	30"	7.75"	9"	245	118	4

*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.

COALESCING OIL SEPARATORS

SEALED | MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.%% 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 101 for the DP-01 Differential Pressure Gauge





COALESCING OIL SEPARATORS (SEALED)

	Catalog Number		Fig Listing		Dimensions				Min	Max	Replacement	Pre- charge
			Listing	000	Α	В	С	D	DCFM	DCFM	Filter	charge
	COS4-03(-1)*	1	UL	3⁄8"	8.25″	4"	N/A	N/A	0.6	6	N/A	15 oz
	COS4-04	1	UL	1⁄2"	8.38"	4"	N/A	N/A	0.6	6	N/A	15 oz
led	COS4-05	1	UL	5⁄8"	10.56"	4"	N/A	N/A	1	10	N/A	15 oz
Sea	COS4-07	1	UL	7⁄8"	10.88"	4"	N/A	N/A	1	10	N/A	15 oz
	COS4-11	2	UL	1 1⁄8"	15.37"	4"	N/A	N/A	2.5	25	N/A	15 oz
	COS4-13	2	UL	1 ³⁄8"	17.38"	4"	N/A	N/A	2.5	25	N/A	15 oz

All capacities calculated at 90%

*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.

COALESCING OIL SEPARATORS

SERVICEABLE | MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.%% 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 101 for the DP-01 Differential Pressure Gauge)

c@Lus (U) CE





COALESCING OIL SEPARATORS (SERVICEABLE)

Catalog		Fia.	Listina	ODS		Dimens	ions		Min	Max	Replacement	Pre- charge
	Number	g.			Α	В	С	D	DCFM	DCFM	Filter	charge
	COS4-05F	1	UL	5⁄8"	16.25"	4"	N/A	6"	1	10	90-050K	16 oz
	COS4-07F	1	UL	7⁄8"	16.25"	4"	N/A	6"	1	10	90-050K	16 oz
	COS4-11F	1	UL	1 1⁄8"	20.63"	4"	N/A	10"	1.5	25	90-051K	16 oz
	COS4-13F	1	UL	1 ³⁄8"	20.63"	4"	N/A	10"	1.5	25	90-051K	16 oz
(D	OS6-13FC*	2	UL	1 ³⁄8"	29"	6"	5"	15"	1.4	30	90-016K	25 oz
eable	OS6-15FC*	2	UL	1 5⁄8"	29"	6"	5"	15"	1.4	30	90-016K	25 oz
ervic	OS6-21FC*	2	UL	2 1⁄8"	29"	6"	5"	15"	1.4	30	90-016K	25 oz
S	W-1902C*	2	UL	2 1⁄8"	32"	8"	5"	17"	2.1	21	90-016K	25 oz
	W-1903C-A*	2	UL	2 5⁄8"	38"	10"	5"	21"	4.0	40	90-020K	25 oz
	OS12-31C*	2	ASME	3 1⁄8"	49"	12.75"	4"	12"	7.0	70	90-021K	25 oz
	OS14-31C*	2	ASME	3 1⁄8"	56"	14"	4"	14"	10	100	90-019K	25 oz
	OS12-41C*	2	ASME	4 1⁄8"	50"	12.75"	13"	14"	17	170	90-040K	25 oz

All capacities calculated at 90%

*W4300-38F replacement float assembly and gasket available for serviceable oil separators. See page 109 for more information.

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.

COALESCING OIL SEPARATOR/RESERVOIRS

MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

Our coalescing oil separators use a borosilicate glass filter element designed to be 99.%% 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 101 for the DP-01 Differential Pressure Gauge.

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COALESCING OIL SEPARATOR/RESERVOIRS

Catalog	talog Dimensions Fig. Listing ODS		;	Min	Max	Replacement	Oil Capacity			
Number		g		А	В	D	DCFM	DCFM	Filter	Capacity
COS4-05FR	1	UL	5⁄8"	19.5″	4"	6"	1	10	90-050K	0.6 gal
COS4-07FR	1	UL	7⁄8"	19.5"	4"	6"	1	10	90-050K	0.6 gal
COS4-11FR	1	UL	1 1⁄8"	28.63"	4"	10"	2.5	25	90-051K	0.85 gal
COS4-13FR	1	UL	1 ³⁄8"	28.63"	4"	10"	2.5	25	90-051K	0.85 gal
OS6-13FCR	2	UL	1 3⁄8"	34"	6"	15"	1.4	30	90-016K	2 gal
OS6-15FCR	2	UL	1 5⁄8"	34"	6"	15"	1.4	30	90-016K	2 gal
OS6-21FCR	2	UL	2 1⁄8"	34"	6"	15"	1.4	30	90-016K	2 gal
W-1902CR	2	UL	2 1⁄8"	30"	8"	17"	2.1	21	90-016K	2 gal
W-1903CR-A	2	UL	2 5⁄8"	41"	10"	21"	4.0	40	90-020K	3.5 gal
OS12-31CR	2	ASME	3 1⁄8"	41"	12.75"	12"	7.0	70	90-021K	5 gal
OS14-31CR	2	ASME	3 1⁄8"	46"	14"	14"	10	100	90-019K	5 gal
OS12-41CR	2	ASME	4 1⁄8"	40.5"	12.75"	14"	17	170	90-040K	5 gal

All capacities calculated at 90%

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.

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: R-134A, 20 Tons at 20°F/110°F = 1.02 DCFM Total DCFM = 20 tons x 1.02 DCFM = 20.40



OIL SEPARATOR DISCHARGE CFM SIZING CHART

Refrigerant	Condensing	Evaporating Temperature									
nemgerant	Temp.	-40°F	-30°F	-20°F	-10°F	0°F	10°F	20°F	30°F	40°F	
R-134A	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	
	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	
R-22	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	
	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	
R404-A	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	
	80°F	-	-	-	-	0.62	0.62	0.61	0.60	0.60	
	90°F	-	-	-	-	0.56	0.55	0.55	0.54	0.53	
R-410A	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	
	20°F	0.37	-	0.37	-	0.37	-	-	-	-	
C02	40°F	0.30	-	0.30	-	0.30	-	-	-	-	
	60°F	0.23	-	0.23	-	0.23	-	-	-	-	

OIL RESERVOIRS

OIL RESERVOIRS

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. Install the oil reservoir between the oil separator and oil regulators with a **vent valve** on the ³/₈" flare connection for proper oil pressure.

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







Westermeyer Industries Inc.

OIL RESERVOIRS

Catalog Number	Dimer	isions	Capacity	No. of
	А	В	(Gallons)	Glasses
OR6-2	6"	15.5"	2	2
OR6-3	6"	24.5"	3	2
OR6-4	6"	33.5"	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

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

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.



Catalog Number	Pressure Setting
VV-5	5 lbs
VV-10	10 lbs
VV-20	20 lbs
VV-30	30 lbs

OIL RESERVOIRS

OIL RESERVOIRS

HIGH PRESSURE | MAXIMUM WORKING PRESSURE: 675 PSIG



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FEATURES

Oil reservoirs are designed to hold excess oil from varying system loads and frost cycles in parallel compressor systems. Install the oil reservoir between the oil separator and oil regulators with a **vent valve** on the 3/8" flare connection for proper oil pressure.

- Two 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	Dime	nsions	Capacity	No. of
Number	А	В	(Gallons)	Glasses
ORH6-2	6"	15.5"	2	2
ORH6-3	6"	24.5"	3	2
ORH6-4	6"	33.5"	4	3

All capacities calculated at 90%

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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

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

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.



Catalog Number	Pressure Setting
VV-5	5 lbs
VV-10	10 lbs
VV-20	20 lbs
VV-30	30 lbs

OIL REGULATORS

UNIVERSAL FLANGE OIL REGULATORS

MAXIMUM WORKING PRESSURE: 450 AND 675 PSIG



FEATURES

Oil regulators control the oil level in the compressor crankcase through the use of a float-operated valve.

The RG-4 has a universal flange, capable of mounting directly to both Copeland and Bitzer compressors, eliminating the need for adapter kits and reducing the cost of installation. For other compressor configurations, adapter kits can be used to convert the universal mount to non-standard compressor mountings.

The oil feed connection is a standard ³/₈" SAE flare. A ¹/₄" SAE flare oil equalization connection is also provided, placed at the 1/2 glass* range





UNIVERSAL FLANGE OIL REGULATORS

Catalog		Dimer	nsions		Operating Differential	Sight Glass	Max Working Pressure
Number	А	В	С	D	Differentia	Level	ricosure
RG-4F	4"	4.5"	2.13"	2.13"	5-30 psig	Fixed	450 psig
RGH-4F	4"	4.5"	2.13"	2.13"	5-30 psig	Fixed	675 psig

*Models also available for 3/8" glass (ex. Carlyle compressors)

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 36–39 for more information.

OIL REGULATORS

OIL FILTERS

SEALED OIL FILTERS

MAXIMUM WORKING PRESSURE: 450 AND 675 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.

- 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	Dimer	nsions	Conn.	Max. Working
Number	А	В	туре	Fressure
F3-01	3"	7.5"	³∕8" flare	450 psig
F3-02	3"	7"	³ ⁄4"-16 spud	450 psig
F4-01	4"	7.5"	³∕8" flare	450 psig
F4-02	4"	7"	³ ⁄4"-16 spud	450 psig
FH3-01	3"	7.5"	³∕8" flare	675 psig
FH3-02	3"	7"	³ ⁄4"-16 spud	675 psig
FH4-01	4"	7.5"	³⁄₀" flare	675 psig
FH4-02	4"	7"	³ ⁄4"-16 spud	675 psig

SHUT OFF VALVE

For the F(H)3-02 and F(H)4-02, we recommend a 3/8" flare Rotolock valve with gasket.

See page 105 for more information.
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
- 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		Dime	nsions		Conn. Type
Number	А	В	С	D	
F4-02S	4"	4.63"	6.73"	8.61"	3⁄8" ODS
F4-02L	4"	4.63"	6.73"	8.30"	3⁄4"-16 spud

OIL FILTERS

MOUNTING BRACKET

Part number 40-4525



SHUT OFF VALVE

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

See page 105 for more information.

ACCESSORIES

- DP-01 Pressure Gauge Page 101
- 90-007K Replacement filter Kit Page 108

2 HEAT EXCHANGE



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.

- 42 CONDENSERS
- 50 **REFRIGERATION COILS**
- 52 EVAPORATORS

CONDENSERS

H E C C O N D E N S E R S

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 CONDENSERS

Catalog	Nomi	nal HP		Dimensions							Conne		Holding	
Number	Clean	Fouled	А	В	С	D	E	F	G	RI ODS	RO ODS	FI/FO NPT	S NPT	Capacity (R404-A)
HEC-2	2.5	2	22"	2"	2"	5"	2"	1.5"	28"	5⁄8"	1⁄2"	3⁄4"	3⁄8"	10 lbs
HEC-3	3.9	3.5	22"	2"	1.81"	6"	2"	1.875"	28"	7⁄8"	5⁄8"	3⁄4"	3⁄8"	15 lbs
HEC-5	8.28	5.06	21.5"	1.5"	2.5"	6.625"	2"	2"	28"	1 1⁄8"	5⁄8"	1"	1⁄2"	18 lbs
HEC-7	8.40	7.42	27.5"	1.5"	2.5"	6.625"	2"	2"	33.5"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	22 lbs
HEC-10	11.30	9.70	27.5"	1.5"	2.5"	6.625"	2"	2"	33.5"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	20 lbs
HEC-15	17.55	14.78	27"	1.5"	3"	8.625"	2"	2"	33.5"	1 5⁄8"	1 1⁄8"	2"	1⁄2"	37 lbs
HEC-20	32.87	19.98	45"	1.5"	3"	8.625"	2"	2"	51.5"	1 5⁄8"	1 1⁄8"	2"	1⁄2"	60 lbs
HEC-25	34.21	23.04	45"	1.5"	3"	8.625"	2"	2"	51.5"	2 1⁄8"	1 3⁄8"	2"	1⁄2"	59 lbs
HEC-30	41.50	29.20	45"	2"	3"	10.75"	3"	2.125"	53"	2 1⁄8"	1 3⁄8"	2 1⁄2"	1⁄2"	100 lbs
HEC-40	48.20	39.91	57"	2"	3"	10.75"	3"	2.125"	65"	2 1⁄8"	1 3⁄8"	3"	1⁄2"	125 lbs
HEC-50	63.47	52.55	57"	2"	3"	10.75"	3"	2.125"	65"	2 5⁄8"	1 5⁄8"	3"	1⁄2"	118 lbs
HEC-60	82.02	59.84	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.75"	2 5⁄8"	1 5⁄8"	4"	1⁄2"	176 lbs
HEC-70	94.85	70.14	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.875"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	166 lbs
HEC-80	109.98	82.17	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.875"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	156 lbs
HEC-100	117.5	87.79	92.5"	7.29"	3.75"	12.75"	7.29"	-	110.58"	3 1⁄8"	2 1⁄8"	5" mpt	3⁄4"	278 lbs
HEC-125	147.5	110.33	91.87"	7.29"	3.62"	12.75"	7.29"	-	110.58"	3 5⁄8"	2 1⁄8"	5" MPT	3⁄4"	243 lbs

All capacities calculated at 90%

CUSTOM MODELS

Custom models are also available.



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.





HEC CONDENSERS (HIGH PRESSURE)

Catalog	Nomi	nal HP			D	imensio	Connections				Holding			
Number	Clean/	Fouled	А	в	С	D	E	F	G	RI/ OI	RO DS	FI/FO NPT	S NPT	Capacity (R410A)
HECH-2	2.5	2	22"	2"	2"	5"	2"	1.5"	28"	5⁄8"	1⁄2"	3⁄4"	3⁄8"	12 lbs
HECH-3	3.9	3.5	22"	2"	1.81"	6"	2"	1.875"	28"	7⁄8"	5⁄8"	3⁄4"	3⁄8"	15 lbs
HECH-5	8.61	5.26	21.5"	1.5"	2.5"	6.625"	2"	2"	28"	1 1⁄8"	5⁄8"	1"	1⁄2"	16 lbs
HECH-7	8.74	7.72	27.5"	1.5"	2.5"	6.625"	2"	2"	33.5"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	21 lbs
HECH-10	11.75	10.09	27.5"	1.5"	2.5"	6.625"	2"	2"	33.5"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	18 lbs
HECH-15	18.25	15.37	27"	1.5"	3"	8.625"	2"	2"	33.5"	1 5⁄8"	1 1⁄8"	2"	1⁄2"	35 lbs
HECH-20	34.18	20.78	45"	1.5"	3"	8.625"	2"	2"	51.5"	1 5⁄8"	1 1⁄8"	2"	1⁄2"	58 lbs
HECH-25	35.58	23.96	45"	1.5"	3"	8.625"	2"	2"	51.5"	2 1⁄8"	1 ³⁄8"	2"	1⁄2"	56 lbs
HECH-30	43.16	30.37	45"	2"	3"	10.75"	3"	2.125"	53"	2 1⁄8"	1 ³⁄8"	2 1⁄2"	1⁄2"	94 lbs
HECH-40	50.13	41.51	57"	2"	3"	10.75"	3"	2.125"	65"	2 1⁄8"	1 ³⁄8"	3"	1⁄2"	118 lbs
HECH-50	66.01	54.65	57"	2"	3"	10.75"	3"	2.125"	65"	2 5⁄8"	1 5⁄8"	3"	1⁄2"	111 lbs
HECH-60	85.30	62.23	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.75"	2 5⁄8"	1 5⁄8"	4"	1⁄2"	170 lbs
HECH-70	94.85	70.14	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.875"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	157 lbs
HECH-80	109.98	82.17	56.5"	2.625"	3.5"	12.75"	3.5"	2.75"	66.875"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	148 lbs
HECH-100	112.7	84.30	92.5"	7.29"	3.75"	12.75"	7.29"	-	110.58"	3 1⁄8"	2 1⁄8"	5" мрт	3/4"	250 lbs
HECH-125	141.3	105.69	91.87"	7.20"	3.62"	12.75"	7.29"	-	110.58"	3 5⁄8"	2 1⁄8"	5" mpt	3⁄4"	225 lbs

All capacities calculated at 90%

CUSTOM MODELS

Custom models are also available.



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 enhanced cupronickel tubing provides 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.





MARINE CONDENSERS

Nominal HP Catalog					D	imensio	ns			Connections				Holding
Number	Clean/	Fouled	А	в	С	D	E	F	G	RI/ OI	RO DS	FI/FO NPT	S NPT	Capacity (R404-A)
HEM-100Z	1.3	1	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	2.6	2	16 3⁄8"	1 5⁄8"	1 5⁄8"	6"	2"	1 1⁄8"	21 5⁄8"	7⁄8"	5⁄8"	1⁄2"	3⁄8"	12 lbs
HEM-300Z	4.6	3.3	16"	2"	2"	6 5⁄8"	2"	1"	21 3⁄4"	7⁄8"	5⁄8"	3⁄4"	3⁄8"	12 lbs
HEM-500Z	6	4.6	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	9.5	6.7	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	11.7	9.5	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	19.9	15.8	33 ½"	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	26.7	20.2	57"	3"	3"	8 5⁄8"	2 1⁄4"	2 1⁄8"	64 ½"	2 1⁄8"	1 1⁄8"	2"	1⁄2"	72 lbs
HEM-2505Z	33.1	25.9	57"	3"	3"	8 5⁄8"	2 1⁄4"	2 1⁄8"	64 ½"	2 1⁄8"	1 3⁄8"	2"	1⁄2"	65 lbs
HEM-3006Z	39.7	31.6	69"	3"	3"	8 5⁄8"	2 1⁄4"	2 1⁄8"	76 ½"	2 5⁄8"	1 ³⁄8"	2 1⁄2"	1⁄2"	83 lbs
HEM-3305Z	44.4	32.6	56 ½"	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	45.8	33.6	56 ½"	3"	3"	10 3⁄4"	2 ¾"	2 1⁄8"	65"	2 5⁄8"	1 5⁄8"	2 1⁄2"	1⁄2"	110 lbs
HEM-4505Z	57.7	44.2	68 ½"	3"	3"	10 3⁄4"	2 ¾"	2 1⁄8"	77"	2 5⁄8"	1 5⁄8"	2 1⁄2"	1⁄2"	136 lbs
HEM5005Z	59.6	45.7	68 1⁄2"	3"	3"	10 3⁄4"	2 ¾"	2 1⁄8"	77"	2 5⁄8"	1 5⁄8"	2 1⁄2"	1⁄2"	132 lbs
HEM-6505Z	71	58.2	68 ½"	3 1⁄2"	3 1⁄2"	12 ¾″	4 1⁄4"	2 ³⁄4"	78 ¾"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	225 lbs
HEM-7505Z	84.8	66.1	68 ½"	3 1⁄2"	3 1⁄2"	12 3⁄4"	4 1⁄4"	2 3⁄4"	78 ¾"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	192 lbs
HEM-100HPZ*	132.2	99.8	116 ½"	3 1⁄2"	3 1⁄2"	12 3⁄4"	6 5⁄8"	-	133 ½"	3 1⁄8"	2 1⁄8"	5" mpt	1⁄2"	322 lbs
HEM-120HPZ*	137.2	103.6	115 ½"	3 1⁄2"	3 1⁄2"	12 3⁄4"	6 5⁄8"	-	133 ½"	3 5⁄8"	2 1⁄8"	5" mpt	1⁄2"	298 lbs

All capacities calculated at 90%

*Single-pass condensers that use a sacrificial zinc pencil

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



CONDENSERS

H P C C O N D E N S E R S

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.





HPC CONDENSERS

Catalog	Nomir	nal HP		Dimensions						Connections				Holding
Number	Clean/	Fouled	А	в	С	D	E	F	G	RI/ OI	RO DS	FI/FO NPT	S NPT	Capacity (R404-A)
HPC-200A	3.5	2.3	15 ¹⁵ ⁄16"	1 1⁄2"	2"	6 5⁄8"	2 1⁄2"	1"	22"	7⁄8"	5⁄8"	3⁄4"	3⁄8"	13 lbs
HPC-300A	5.6	3.9	21 ¹⁵ ⁄16"	2"	2"	6 5⁄8"	2 1⁄2"	1"	28 5⁄8"	7⁄8"	5⁄8"	3⁄4"	3⁄8"	19 lbs
HPC-500A	7.2	5.2	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"	33 lbs
HPC-750A	10.8	7.8	21 ½"	1 ½"	2 1⁄2"	8 5⁄8"	2"	1 ½"	27 %16"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	30 lbs
HPC-775A	9.7	8.5	33 7⁄16"	1 ½"	2 1⁄2"	8 5⁄8"	2 1⁄2"	1 ½"	40"	1 3⁄8"	7⁄8"	1 1⁄4"	1⁄2"	53 lbs
HPC-1000A	16	10.3	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"	58 lbs
HPC-1500A	24.5	15.5	45 ½"	2"	2 1⁄2"	8 5⁄8"	2"	2 1⁄8"	52"	1 ³⁄8"	1 1⁄8"	1 1⁄2"	1⁄2"	65 lbs
HPC-1555A	24.5	25.5	45"	3"	3 1⁄4"	10 3⁄4"	3"	2 1⁄2"	54"	1 5⁄8"	1 1⁄8"	1 1⁄2"	1⁄2"	96 lbs
HPC-2005A	30	22.1	57"	3"	3 1⁄2"	10 3⁄4"	3"	2 1⁄2"	66"	2 1⁄8"	1 1⁄8"	2"	1⁄2"	139 lbs
HPC-2026A	30	22.1	56 ¾"	3"	3 ½"	12 3⁄4"	3"	2 1⁄2"	66"	2 1⁄8"	1 1⁄8"	2"	1⁄2"	209 lbs
HPC-2505A	37.5	27.7	57"	3"	3 1⁄2"	10 3⁄4"	3"	2 1⁄8"	66"	2 1⁄8"	1 3⁄8"	2 1⁄2"	1⁄2"	138 lbs
HPC-2527A	37.5	27.7	56 ¾"	3"	3 1⁄2"	12 3⁄4"	3"	2 1⁄8"	66"	2 1⁄8"	1 ³⁄8"	2 1⁄2"	1⁄2"	142 lbs
HPC-3005A	45	33.2	57"	3"	3 1⁄2"	10 3⁄4"	3"	2 1⁄8"	66"	2 5⁄8"	1 3⁄8"	2 1⁄2"	1⁄2"	132 lbs
HPC-3028A	45	33.2	56 ¾"	3"	3 1⁄2"	12 3⁄4"	3"	2 1⁄8"	66"	2 5⁄8"	1 3⁄8"	2 1⁄2"	1⁄2"	201 lbs
HPC-3505A	50	36.9	56 ¾"	3"	3 1⁄2"	12 3⁄4"	3"	2 1⁄8"	66"	2 5⁄8"	1 ¾"	2 1⁄2"	1⁄2"	203 lbs
HPC-4005A	55	40.6	56 ¾"	2 ³⁄4"	3 1⁄2"	14"	4 1⁄4"	2 ³⁄4"	67"	2 5⁄8"	1 ³⁄8"	3"	1⁄2"	201 lbs
HPC-4505A	65	48	56 ¾"	2 ³⁄4"	3 1⁄2"	14"	4 1⁄4"	2 ³⁄4"	67"	2 5⁄8"	1 5⁄8"	3"	1⁄2"	235 lbs
HPC-5005A	70	51.7	56 ¾"	2 ³⁄4"	3 1⁄2"	14"	4 1⁄4"	2 ³⁄4"	67"	2 5⁄8"	1 5⁄8"	4"	1⁄2"	237 lbs
HPC-5505A	75	55.4	56 ¾"	2 ³⁄4"	4"	14"	4 1⁄4"	2 ³⁄4"	67"	3 1⁄8"	1 5⁄8"	4"	1⁄2"	228 lbs
HPC-6005A	82.5	60.9	56 ¾"	2 ³⁄4"	3 1⁄4"	14"	4 1⁄4"	2 ³⁄4"	67"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	223 lbs
HPC-7005A	97.6	72	56 ¾"	2 ³ ⁄4"	4"	14"	4 1⁄4"	2 ³ ⁄4"	67"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	215 lbs
HPC-8005A	110.1	81.2	56 ¾"	2 ³⁄4"	4"	14"	4 1⁄4"	2 ³⁄4"	67"	3 1⁄8"	2 1⁄8"	4"	1⁄2"	209 lbs

All capacities calculated at 90%

CUSTOM MODELS

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

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
- Available in cupronickel upon request







COAXIAL REFRIGERATION COILS

	Catalog Number	Nom.	Water In	ter In Water Out OD) (OD)		Ref. Out	[Dimension	S
	Number	Ton	(OD)	(OD)	(OD)	(OD)	А	В	С
	C-6601-01*	0.5	5⁄8"	5⁄8"	3⁄8"	3⁄8"	9.75"	6.38"	7.38"
ical	C-6602-01	0.75	5⁄8"	5⁄8"	3⁄8"	3⁄8"	9.75"	7.38"	7.38"
Hel	C-6603-01	1	5⁄8"	5⁄8"	3⁄8"	3⁄8"	9.75"	8.38"	7.38"
	C-6604-01	1.5	3⁄4"	3⁄4"	1⁄2"	1⁄2"	12.5"	7"	10.5"
	C-6605-01	2	3⁄4"	3⁄4"	1⁄2"	1⁄2"	14.5"	7.38"	13.25"
	C-6606-01	2.5	3⁄4"	3⁄4"	1⁄2"	1⁄2"	15"	7.38"	13.25"
	C-6607-01	3	7⁄8"	7⁄8"	5⁄8"	5⁄8"	15.88"	7.88"	14.88"
_	C-6608-01	3.5	7⁄8"	7⁄8"	5⁄8"	5⁄8"	17.25"	7.88"	15.38"
Spiral	C-6609-01	4	1 1⁄8"	1 1⁄8"	7⁄8"	7⁄8"	19"	8.88"	18.13"
0,	C-6610-01	5	1 1⁄8"	1 1⁄8"	7⁄8"	7⁄8"	19.75"	8.88"	18.38"
	C-6611-01	6	1 1⁄8"	1 1⁄8"	7⁄8"	1⁄2"	19.13"	10.88"	16.75"
	C-6612-01	7	1 1⁄8"	1 1⁄8"	7⁄8"	5⁄8"	19.5"	10.88"	19.5"

*Use "-02" to denote cupronickel inner tube

Use "-03" to denote left-hand coil 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

D X C H I L L E R S

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.







DX CHILLERS (SINGLE-CIRCUIT)

C	Catalog Number*	Nom.	Tons		Dim	nensio	ns			Con	nections		Working Pressure	
N	umber*	Clean/	Fouled	А	В	С	D	E	RI/ Ol	'RO DS	FI/FO NPT	S NPT	Shell Side /	' Tube Side
	DX5-1	6.1	4.7	2 5⁄8"	33 3⁄8"	36"	4"	41"	5⁄8"	1 1⁄8"	1 1⁄4"	1⁄2"	600 psig	300 psig
	DX6-1	8.5	7	2 7⁄16"	33 %16"	36"	4"	41"	5⁄8"	1 1⁄8"	1 1⁄2"	1⁄2"	600 psig	300 psig
	DX7.5-1	9.8	7.6	2 7⁄16"	33 %16"	36"	4"	41"	7⁄8"	1 5⁄8"	1 1⁄2"	1⁄2"	600 psig	300 psig
	DX10-1	12.1	11.3	2 ¹³ ⁄16"	33 ³ ⁄16"	36"	5"	42 1⁄2"	7⁄8"	1 1%"	2"	1⁄2"	600 psig	300 psig
	DX12-1	15.9	13.2	2 ¹⁵ ⁄16"	33 ³ ⁄16"	36"	6"	41 ³⁄4"	7⁄8"	1 5⁄8"	2"	1⁄2"	450 psig	250 psig
cuit	DX15-1	20	16.3	3 ³⁄16"	32 ¹³ ⁄16"	36"	6"	41 3⁄4"	1 1⁄8"	2 1⁄8"	2 1⁄2"	1⁄2"	450 psig	250 psig
Jle Cir	DX20-1	24.1	19.6	3 1⁄2"	32 1⁄2"	36"	6"	41 ³⁄4"	1 1⁄8"	2 1⁄8"	3"	1⁄2"	450 psig	250 psig
Sing	DX25-1	27.1	22.4	3 1⁄2"	32 1⁄2"	36"	6"	41 ¾"	1 1⁄8"	2 5⁄8"	3"	1⁄2"	450 psig	250 psig
	DX30-1	32.5	29.8	4 1⁄4"	67 ¾"	72"	6 5⁄8"	81 3⁄4"	1 1⁄8"	2 5⁄8"	3"	3⁄4"	150 psig	300 psig
	DX40-1	42.9	40.2	4 1⁄2"	67 ½"	72"	8 5⁄8"	81 3⁄4"	1 3⁄8"	2 5⁄8"	3"	3⁄4"	150 psig	300 psig
	DX50-1	53.9	50.3	4 3⁄4"	67 1⁄4"	72"	8 5⁄8"	81 3⁄4"	1 3⁄8"	3 1⁄8"	4" flange	3⁄4"	150 psig	300 psig
	DX60-1	64.5	60.1	4 3⁄4"	79 1⁄4"	84"	8 5⁄8"	93 ¾"	1 5⁄8"	3 1⁄8"	4" flange	3⁄4"	150 psig	300 psig
	DX75-1	80.5	74.8	5 1⁄2"	78 1⁄2"	84"	8 5⁄8"	93 ³⁄4"	2 1⁄8"	3 1⁄8"	5" flange	3⁄4"	150 psig	300 psig

All capacities calculated at 90%

*Chiller build kits are also available

CUSTOM MODELS

Custom models are also available, including R410a models.

EVAPORATORS

EVAPORATORS

D X C H I L L E R S

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.







DX CHILLERS (DUAL CIRCUIT)

	Nom. Tons Catalog Number*	Tons		Dim	nensio	ns			Con	nections		Working Pressure		
N	umber*	Clean/	Fouled	А	в	С	D	Е	RI/ OI	'RO DS	FI/FO NPT	S NPT	Shell Side /	' Tube Side
	DX12-2	15.9	13.2	2 ¹⁵ ⁄16"	33 ³ ⁄16"	36"	6"	41 ³⁄4"	5/8"	1 1⁄8"	2"	1⁄2"	450 psig	250 psig
	DX15-2	20	16.3	3 ³⁄16"	32 ¹³ ⁄16"	36"	6"	41 ³⁄4"	7/8"	1 5⁄8"	2 1⁄2"	1⁄2"	450 psig	250 psig
	DX20-2	24.1	19.6	3 1⁄2"	32 1⁄2"	36"	6"	41 ³⁄4"	7/8"	1 5⁄8"	3"	1⁄2"	450 psig	250 psig
	DX25-2	27.1	22.4	3 1⁄2"	32 ½"	36"	6"	41 ³⁄4"	7/8"	1 5⁄8"	3"	1⁄2"	450 psig	250 psig
	DX30-2	32.5	29.8	4 1⁄4"	67 ³⁄4"	72"	6 5⁄8"	81 ³⁄4"	7/8"	1 5⁄8"	3"	3⁄4"	150 psig	300 psig
uit	DX40-2	42.9	40.2	4 1⁄2"	67 ½"	72"	8 5⁄8"	81 3⁄4"	1 1⁄8"	2 1⁄8"	3"	3⁄4"	150 psig	300 psig
al Circ	DX50-2	53.9	50.3	4 ³ ⁄4"	67 1⁄4"	72"	8 5⁄8"	81 ³⁄4"	1 1⁄8"	2 1⁄8"	4" flange	3⁄4"	150 psig	300 psig
Du	DX60-2	64.5	60.1	4 3⁄4"	79 1⁄4"	84"	8 5⁄8"	93 ¾"	1 1⁄8"	2 5⁄8"	4" flange	3⁄4"	150 psig	300 psig
	DX75-2	80.5	74.8	5 1⁄2"	78 ½"	84"	8 5⁄8"	93 ¾"	1 3⁄8"	2 5⁄8"	5" flange	3⁄4"	150 psig	300 psig
	DX100-2	125	109.6	5 ¾"	78 1⁄4"	84"	10 3⁄4"	94 1⁄8"	1 3⁄8"	3 1⁄8"	5" flange	3⁄4"	150 psig	225 psig
	DX120-2	136.5	120.3	6 ¾"	77 5⁄8"	84"	12 ³ ⁄4"	94 1⁄8"	1 3⁄8"	3 1⁄8"	6" flange	3⁄4"	150 psig	225 psig
	DX150-2	172.9	152.3	6 ¾"	77 5⁄8"	84"	14"	96 5⁄8"	1 3⁄8"	2 5⁄8"	6" flange	3⁄4"	150 psig	225 psig
	DX175-2	198.1	174.8	6 ¾"	77 5⁄8"	84"	14"	96 5⁄8"	1 3⁄8"	2 5⁄8"	6" flange	3⁄4"	150 psig	225 psig

All capacities calculated at 90%

*Chiller build kits are also available

CUSTOM MODELS

Custom models are also available, including R410a models.

3) LIQUID MANAGEMENT



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.

58 **RECEIVERS**

76 ACCUMULATORS

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 430° fusible plug*







LIQUID RECEIVERS (VERTICAL)

	Catalog Number		Dime	nsions		Inlet	Outlet	Holding Capacity
	Number	А	В	С	D		Cullot	(R-22)
	R3-01*	3"	10"	7"	7"	1⁄4" flare elbow	1/4" flare valve	2.5 lbs
	R4-01	4"	10"	7.25"	7.25"	3/8" flare elbow	3/8" flare valve	4.25 lbs
ical	R5-01	5"	10"	6.75"	6.75"	3/8" flare elbow	3/8" flare valve	6.5 lbs
Vert	R6-01	6"	12"	8"	8"	3/8" flare elbow	3/8" flare valve	11.5 lbs
	R6-02	6"	18"	15"	15"	1⁄2" flare elbow	1/2" flare valve	17.25 lbs
	R6-03 [†]	6"	24"	21"	15"	1/2" flare elbow	1/2" flare valve	23.25 lbs

*Vessels 3" diamater 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. For R134A, use the R-22 capacity. For R404A, multiply the R-22 capacity by 0.90.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements.

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 430° fusible plug





LIQUID RECEIVERS (HORIZONTAL)

	Catalog Number		Dimen	isions		Inlet	Outlet	Holding Capacity
	Number	Α	В	С	D			(R-22)
	R5-01HZ	5"	25"	3"	N/A	5∕8" ODS	⁵⁄8" ODS	18 lbs
	R5-01HZA	5"	33"	3"	N/A	5∕8" ODS	⁵⁄8" ODS	24 lbs
	R6-02HZ	6"	27"	3"	N/A	5∕8" ODS	5∕8" ODS	26 lbs
ontal	R6-03HZ	6"	33"	3"	N/A	5⁄8" ODS	5∕8" ODS	32 lbs
Horiz	R5-01HZV	5"	25"	3"	N/A	⁵⁄₃" ODS valve	5∕8" ODS valve	18 lbs
-	R5-01HZAV	5"	33"	3"	N/A	5⁄8" ODS valve	⁵⁄₀" ODS valve	24 lbs
	R6-02HZV	6"	27"	3"	N/A	⁵%" ODS valve	5∕8" ODS valve	29 lbs
	R6-03HZV	6"	33"	3"	N/A	5⁄8" ODS valve	5⁄8" ODS valve	35 lbs

All receiver pump-down capacities are calculated for 90% receiver volume at 90°F. For R134A, use the R-22 capacity. For R404A, multiply the R-22 capacity by 0.90.

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements.

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 430° fusible plug⁺







HIGH-PRESSURE RECEIVERS (VERTICAL)

Catalog Number			Dimensions		Inlet/Outlet	Relief	Holding Capacity*
	Number	А	В	С		Conn. FP1	(R-410A)
	R3-02†	3"	10"	7.5"	1⁄2" ODS	1⁄8"	2.3 lbs
ical	R4-02	4"	10"	7.5"	1⁄2" ODS	1⁄8"	3.8 lbs
Vert	R5-02	5"	10"	7.5"	5∕8" ODS	1⁄8"	5.8 lbs
	R6-04	6"	12"	8"	5∕8" ODS	1⁄8"	10.0 lbs

*All receiver pump-down capacities are calculated for 90% of receiver volume at 90°F for R-410A

[†]Vessels 3" diamater and smaller are exempt and do not include fusible plug

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements.

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
- ¾" NPT safety connection







HIGH-PRESSURE RECEIVERS (HORIZONTAL)

Catalog			Dimensions		Inlat/Outlat	Relief	Holding
	Number	А	В	С	iniet/Outlet	Conn. FPT	(R-410A)
	R5-02HZ	5"	28"	3"	⁵⁄8" ODS	3⁄8"	18 lbs
	R5-02HZA	5"	36"	3"	₅%" ODS	3⁄8"	24 lbs
	R6-04HZ	6"	30"	3"	⁵⁄8" ODS	3⁄8"	23 lbs
ontal	R6-04HZA	6"	36"	3"	5∕8" ODS	3⁄8"	28 lbs
Horiz	R5-02HZV	5"	28"	3"	5∕8" ODS valve	3⁄8"	18 lbs
	R5-02HZAV	5"	36"	3"	5∕8" ODS valve	3⁄8"	20 lbs
	R6-04HZV	6"	30"	3"	5∕8" ODS valve	3⁄8"	23 lbs
	R6-04HZVA	6"	36"	3"	⁵⁄8" ODS valve	3⁄8"	28 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R-410A

CUSTOM MODELS

All catalog receivers can also be modified to meet your specific requirements.

A S M E R E C E I V E R S

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		Dime	nsions		ODS Inlet	ODS Outlet	Relief FPT	Holding Capacity (R-22)
Number	А	В	С	D				
RV615	6.63"	15"	4.63"	9.12"	5⁄8"	5⁄8"	3⁄8"	16 lbs
RV812	8.63"	12"	4.63"	11.12"	5⁄8"	5⁄8"	3⁄8"	21 lbs
RV816	8.63"	16"	4.63"	11.12"	5⁄8"	5⁄8"	3⁄8"	29 lbs
RV1018	10.75"	18"	6.5"	13.25"	1 1⁄8"	1 1⁄8"	1⁄2"	49 lbs
RV1218	12.75"	18"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	70 lbs
RV1220	12.75"	20"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	79 lbs
RV1224	12.75"	24"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	97 lbs
RV1236	12.75"	36"	6.5"	15.25"	1 ³⁄8"	1 1⁄8"	1⁄2"	150 lbs
RV1248	12.75"	48"	6.5"	15.25"	1 3⁄8"	1 1⁄8"	1⁄2"	204 lbs
RV1446	14"	46"	8"	16.6"	1 5⁄8"	1 5⁄8"	1⁄2"	232 lbs
RV1660	16"	60"	8"	18.6"	2 5⁄8"	2 1⁄8"	1⁄2"	392 lbs
RV1862	18"	62"	10"	20.6"	2 5⁄8"	2 1⁄8"	1⁄2"	517 lbs

*All receiver pump-down capacities are calculated for 90% of receiver volume at 90°F for R-22. For R404A, multiply the R-22 capacity by 0.90.

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.

A S M E R E C E I V E R S

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		Dime	nsions		ODS	ODS Outlet	Relief FPT	Holding Capacity (R-22)
Number	А	в	С	D	Inlet			
RH636	6.63"	36"	4.63"	N/A"	7⁄8"	7⁄8"	3⁄8"	41 lbs
RH836	8.63"	36"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	69 lbs
RH842	8.63"	42"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	81 lbs
RH848	8.63"	48"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	94 lbs
RH860	8.63"	60"	6"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	118 lbs
RH872	8.63"	72"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	142 lbs
RH1036	10.75"	36"	6.36"	N/A"	1 ³⁄8"	1 3⁄8"	1⁄2"	105 lbs
RH1048	10.75"	48"	6.50"	N/A"	1 3⁄8"	1 ³⁄8"	1⁄2"	142 lbs
RH1060	10.75"	60"	6.50"	N/A"	1 3⁄8"	1 ³⁄8"	1⁄2"	180 lbs
RH1072	10.75"	72"	6.50"	N/A"	1 3⁄8"	1 ³⁄8"	1⁄2"	221 lbs
RH1084	10.75"	84"	6.50"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	259 lbs
RH1096	10.75"	96"	6.50"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	297 lbs
RH1248	12.75"	48"	8"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	204 lbs
RH1260	12.75"	60"	8"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	258 lbs
RH1272	12.75"	72"	8"	N/A"	2 1⁄8"	1 ³⁄8"	1⁄2"	311 lbs
RH1296	12.75"	96"	8"	N/A"	2 1⁄8"	1 ³⁄8"	1⁄2"	418 lbs
RH1472	14"	72"	8"	N/A"	2 1⁄8"	1 ³⁄8"	1⁄2"	370 lbs
RH1672	16"	72"	9"	N/A"	2 5⁄8"	2 1⁄8"	1⁄2"	475 lbs
RH1872	18"	72"	10"	N/A"	3 1⁄8"	2 1⁄8"	1⁄2"	606 lbs
RH2072	20"	72"	11"	N/A"	3 1⁄8"	2 5⁄8"	1⁄2"	748 lbs
RH24120	24"	120"	13"	N/A"	4 1⁄8"	3 5⁄8"	3⁄4"	1815 lbs
RH30120	30"	120"	15"	N/A"	1⁄8"	3 5⁄8"	3⁄4"	2803 lbs

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R-22 For R404A, multiply the R-22 capacity by 0.90.

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.

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	Dimensions				ODS	Relief	Holding	Valve
	Number	А	В	с	D	000	NPT	(R-22)	Number
	RV818UV	8.63"	18"	5 ³ ⁄8"	11 1⁄8"	1⁄2"	3⁄8"	34 lbs	50-018K
	RV824UV	8.63"	24"	5 ³ /8"	11 1⁄8"	5⁄8"	3⁄8"	46 lbs	50-019K
	RV832UV	8.63"	32"	5 1⁄2"	11 1⁄8"	7⁄8"	³ ⁄8"	62 lbs	50-034K
	RV1018UV	10.75"	18"	6 5⁄8"	13 1⁄4"	7⁄8"	1⁄2"	49 lbs	50-034K
	RV1024UV	10.75"	24"	6 5⁄8"	13 ¼"	7⁄8"	1⁄2"	68 lbs	50-034K
	RV1028UV	10.75"	28"	6 5⁄8"	13 1⁄4"	1 1⁄8"	1⁄2"	82 lbs	50-042K
	RV1038UV	10.75"	38"	6 5⁄8"	13 ¼"	1 1⁄8"	1⁄2"	113 lbs	50-042K
ical	RV1218UV	12.75"	18"	7 7⁄8"	15 1⁄4"	7⁄8"	1⁄2"	70 lbs	50-034K
Vert	RV1220UV	12.75"	20"	7 1/8"	15 ¼"	7⁄8"	1⁄2"	79 lbs	50-034K
	RV1224UV	12.75"	24"	7 1/8"	15 1⁄4"	7⁄8"	1⁄2"	97 lbs	50-034K
	RV1236UV	12.75"	36"	7 1/8"	15 1⁄4"	1 1⁄8"	1⁄2"	150 lbs	50-042K
	RV1242UV	12.75"	42"	7 1/8"	15 1⁄4"	1 1⁄8"	1⁄2"	177 lbs	50-042K
	RV1446UV	14"	46"	9"	16 5⁄8"	1 3⁄8"	1⁄2"	246 lbs	50-043K
	RV1648UV	16"	48"	8 1⁄2"	18 ³⁄8"	1 5⁄8"	1⁄2"	309 lbs	B32930
	RV1660UV	16"	60"	8 1⁄2"	18 ³⁄8"	1 5⁄8"	1⁄2"	350 lbs	B32930
	RV1862UV	18"	62"	8 1⁄2"	20 5⁄8"	1 5⁄8"	1⁄2"	447 lbs	B32930
	RH638RBV	6.63"	38"	5"	9 1⁄2"	5⁄8"	1⁄2"	44 lbs	50-019K
	RH836RBV	8.63"	36"	5 5⁄8"	9"	7⁄8"	1⁄2"	69 lbs	50-034K
	RH842RBV	8.63"	42"	5 5⁄8"	10 1⁄2"	1 1⁄8"	1⁄2"	81 lbs	50-042K
	RH848RBV	8.63"	48"	5 5⁄8"	12"	1 1⁄8"	1⁄2"	94 lbs	50-042K
	RH1036RBV	10.75"	36"	7"	9"	1 1⁄8"	1⁄2"	105 lbs	50-042K
ntal	RH1048RBV	10.75"	48"	7"	12"	1 1⁄8"	1⁄2"	142 lbs	50-042K
izor	RH1060RBV	10.75"	60"	7"	15"	1 1⁄8"	1⁄2"	180 lbs	50-042K
Hor	RH1072RBV	10.75"	72"	7"	18"	1 1⁄8"	1⁄2"	217 lbs	50-042K
	RH1248RBV	12.75"	48"	8 1⁄2"	12"	1 ³⁄8"	1⁄2"	204 lbs	50-043K
	RH1260RBV	12.75"	60"	8 1⁄2"	15"	1 ³⁄8"	1⁄2"	258 lbs	50-43K
	RH1472RBV	14"	72"	9 1⁄2"	18"	1 5⁄8"	1⁄2"	375 lbs	B32930
	RH1496RBV	14"	96"	9 1⁄2"	24"	1 5⁄8"	1⁄2"	498 lbs	B32930
	RH1696RBV	16"	96"	9"	24"	2 1⁄8"	1⁄2"	641 lbs	A17495

*All receiver pump-down capacities are calculated at 90% of receiver volume and 90°F for R-22 For R404A, multiply the R-22 capacity by 0.90.

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		Dime	nsions		ODS	ODS Outlet	Relief FPT	Holding Capacity (R-410A)
Number	А	В	С	D	Inlet			
RVH615	6.63"	15"	4.63"	9.12"	5⁄8"	5⁄8"	3⁄8"	14 lbs
RVH812	8.63"	12"	4.63"	11.12"	5⁄8"	5⁄8"	3⁄8"	19 lbs
RVH816	8.63"	16"	4.63"	11.12"	5⁄8"	5⁄8"	3⁄8"	26 lbs
RVH1018	10.75"	18"	6.5"	13.25"	1 1⁄8"	1 1⁄8"	1⁄2"	41 lbs
RVH1218	12.75"	18"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	60 lbs
RVH1220	12.75"	20"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	68 lbs
RVH1224	12.75"	24"	6.5"	15.25"	1 1⁄8"	1 1⁄8"	1⁄2"	83 lbs
RVH1236	12.75"	36"	6.5"	15.25"	1 ³⁄8"	1 1⁄8"	1⁄2"	127 lbs
RVH1248	12.75"	48"	6.5"	15.25	1 ³⁄8"	1 1⁄8"	1⁄2"	172 lbs
RVH1446	14"	46"	8"	16.6"	1 5⁄8"	1 5⁄8"	1⁄2"	195 lbs
RVH1660	16"	60"	8"	18.6"	2 5⁄8"	2 1⁄8"	1⁄2"	335 lbs
RVH1862	18"	62"	10"	20.6"	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 R-410a

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.
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		Dime	nsions		ODS	ODS	Relief	Holding
Number	А	в	с	D	Inlet	Outlet	FPT	(R-410A)
RHH636	6.63"	36"	4.63"	N/A"	7⁄8"	7⁄8"	3⁄8"	35 lbs
RHH836	8.63"	36"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	60 lbs
RHH842	8.63"	42"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	70 lbs
RHH848	8.63"	48"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	80 lbs
RHH860	8.63"	60"	6"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	101 lbs
RHH872	8.63"	72"	4.63"	N/A"	1 1⁄8"	1 1⁄8"	1⁄2"	121 lbs
RHH1036	10.75"	36"	6.36"	N/A"	1 ³⁄8"	1 ³⁄8"	1⁄2"	89 lbs
RHH1048	10.75"	48"	6.5"	N/A"	1 ³⁄8"	1 3⁄8"	1⁄2"	120 lbs
RHH1060	10.75"	60"	6.5"	N/A"	1 ³⁄8"	1 3⁄8"	1⁄2"	152 lbs
RHH1072	10.75"	72"	6.5"	N/A"	1 ³⁄8"	1 3⁄8"	1⁄2"	184 lbs
RHH1084	10.75"	84"	6.5"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	215 lbs
RHH1096	10.75"	96"	6.5"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	247 lbs
RHH1248	12.75"	48"	8"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	172 lbs
RHH1260	12.75"	60"	8"	N/A"	1 5⁄8"	1 5⁄8"	1⁄2"	217 lbs
RHH1272	12.75"	72"	8"	N/A"	2 1⁄8"	1 ³⁄8"	1⁄2"	262 lbs
RHH1296	12.75"	96"	8"	N/A"	2 1⁄8"	1 3⁄8"	1⁄2"	351 lbs
RHH1472	14"	72"	8"	N/A"	2 1⁄8"	1 3⁄8"	1⁄2"	310 lbs
RHH1672	16"	72"	9"	N/A"	2 5⁄8"	2 1⁄8"	1⁄2"	406 lbs
RHH1872	18"	72"	10"	N/A"	3 1⁄8"	2 1⁄8"	1⁄2"	520 lbs
RHH2072	20"	72"	11"	N/A"	3 1⁄8"	2 5⁄8"	1⁄2"	634 lbs
RHH24120	24"	120"	13"	N/A"	4 1⁄8"	3 5⁄8"	3/4"	1552 lbs
RHH30120	30"	120"	15"	N/A"	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 R-410a

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.

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 430° fusible plug[†]







SUCTION LINE ACCUMULATORS (VERTICAL)

			Dime	ensions		Recom	mended To	ns of Refrig	eration		
	Catalog	ODS		_	R-1	34A	R-	22	R-4	04A	Capacity
	Number		A	В	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	(IDS N-22)
	A3-04(HP*)†	1⁄2"	3″	11"	0.05/0.09	0.15/0.50	0.08/0.19	0.18/0.90	0.05/0.15	0.15/0.80	2
	A4-04	1⁄2"	4"	11"	0.05/0.09	0.15/0.50	0.08/0.19	0.18/0.90	0.05/0.15	0.15/0.80	3.3
	A4-05	5⁄8"	4"	11"	0.06/0.15	0.15/0.90	0.10/0.35	0.20/2.00	0.08/0.25	0.15/1.60	3.3
	A4-06	3⁄4"	4"	10"	0.07/0.25	0.15/1.65	0.12/0.60	0.25/3.00	0.12/0.50	0.25/2.90	2.8
	A4-06B	3⁄4"	4"	10.63"	0.07/0.25	0.15/1.65	0.12/0.60	0.25/3.00	0.12/0.50	0.25/2.90	3
	A5-07	7⁄8"	5"	10"	0.15/0.35	0.35/2.30	0.28/0.90	0.55/4.00	0.28/0.70	0.55/4.00	3.7
/ertica	A5-07F	7⁄8"	5"	13"	0.15/0.35	0.35/2.30	0.28/0.90	0.55/4.00	0.28/0.70	0.55/4.00	5.5
	A6-11	1 1⁄8"	6"	18.75"	0.18/0.80	0.50/4.40	0.40/1.80	0.80/9.00	0.40/1.40	0.80/9.00	13
	A6-11AE	1 1⁄8"	6"	15"	0.18/0.80	0.50/4.40	0.40/1.80	0.80/9.00	0.40/1.40	0.80/9.00	10
	A6-13	1 ³⁄8"	6"	23"	0.30/1.30	2.0/11.0	0.50/2.80	3.0/15.4	0.50/2.70	3.2/16.5	15.5
	A6-13Z	1 ³⁄8"	6"	20.25"	0.30/1.30	2.0/11.0	0.50/2.80	3.0/15.4	0.50/2.70	3.2/16.5	13.5
	A6-15	1 5⁄8"	6"	23"	0.50/2.40	3.7/19.3	0.90/4.70	5.0/27.0	0.90/4.50	5.5/29.0	14.5
	A6-15R	1 5⁄8"	6"	24.75"	0.50/2.40	3.7/19.3	0.90/4.70	5.0/27.0	0.90/4.50	5.5/29.0	16

All capacities calculated at 85%

*For heat-pump models, add "HP" to the end of the catalog number. (ex: A3-04 becomes A3-04HP) †Vessels 3" diameter and smaller are exempt and do not include fusible plug

For holding capacities of R-134A, multiply the R-22 capacity by 1.05 and for R-404A, multiply by 0.9

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.

ACCUMULATORS

SUCTION LINE ACCUMULATORS

HORIZONTAL | MAXIMUM WORKING PRESSURE : 450 PSIG



FEATURES

c(UL)us **(E**

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
- Removable 362° fusible plug





SUCTION LINE ACCUMULATORS (HORIZONTAL)

	Catalog		Dime	ensions	Recommended Tons of Refrigeration						
Catalog Number		ODS	А		R-13	34A	R-22		R-4	04A	Capacity
				В	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	-40°F Min/Max	+40°F Min/Max	(105 N-22)
	A6-11HZ	1 1⁄8"	6"	16.5"	0.18/0.80	0.50/4.40	0.40/1.80	0.80/9.00	0.40/1.40	0.80/9.00	12
ontal	A6-13HZ	1 ³⁄8"	6"	22.5"	0.30/1.30	2.0/11.0	0.50/2.80	3.0/15.4	0.50/2.70	3.2/16.5	15
Horiz	A6-15HZB	1 5⁄8"	6"	30"	0.50/2.40	3.7/19.3	0.90/4.70	5.0/27.0	0.90/4.50	5.5/29.0	23
	A6-15HZC	2 1⁄8"	6"	48"	0.80/4.60	6.2/34.0	2.0/12.0	10.0/60.0	2.0/10.0	12.0/65.0	37

All capacities calculated at 85%

For holding capacities of R-134A, multiply the R-22 capacity by 1.05 and for R-404A, multiply by 0.90

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.

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
- Integrated 430° Fusible plug on UL models[†]







UL MODELS



В

ASME MODELS



SUCTION LINE ACCUMULATORS (HIGH PRESSURE)

	Catalan		Dimer	nsions	Recommended Tons of Refrigeration	
	Number	ODS	А	в	R-410AA	Capacity (lbs R-410A)
	AH3-04(HP*) [†]	1⁄2"	3″	11"	0.25 / 1.30	1.5
	AH4-04	1⁄2"	4"	11"	0.25 / 1.30	3
	AH4-05	5⁄8"	4"	11"	0.30 / 3.0	3
	AH4-05A	5⁄8"	4"	6.63"	0.30 / 3.0	1.5
	AH4-05B	5⁄8"	4"	11"	0.30 / 3.0	4
	AH4-06	3⁄4"	4"	10"	0.37 / 4.40	2.5
ed	AH4-06B	3⁄4"	4"	10.63"	0.37 / 4.40	3.5
- List	AH5-07	7⁄8"	5"	10"	0.80 / 5.80	3.5
5	AH5-07F	7⁄8"	5"	13"	0.80 / 5.80	5
	AH6-11	1 1⁄8"	6"	18.75"	1.20 / 13.20	11
	AH6-11AE	1 1⁄8"	6"	15"	1.20 / 13.20	8.3
	AH6-13	1 3⁄8"	6"	23"	3.0 / 25.0	13.3
	AH6-13Z	1 3⁄8"	6"	20.25"	3.0 / 25.0	11.5
	AH6-15	1 5⁄8"	6"	23"	7.50 / 41.20	12.6
	AH6-15R	1 5⁄8"	6"	24.75"	7.50 / 41.20	13.6
	AH8-15	1 5⁄8"	8.625"	22"	7.50 / 41.20	24
	AH8-21	2 1⁄8"	8.625"	22"	14.70 / 87.0	29.5
ME	AH10-21	2 1⁄8"	10.75"	22"	14.70 / 87.0	30.5
AS	AH10-25	2 5⁄8"	10.75"	22"	20.50 / 131.0	27
	AH10-31	3 1⁄8"	10.75"	25"	29.0 / 192.0	21
	AH12-31	3 1⁄8"	12.75"	25"	29.0 / 192.0	42.5

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.

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	Dimer	isions	ODS	Holding
	Number*	А	В	Conn.	Capacity (R-22)
	A8-15	8.625"	22"	1 5⁄8"	29 lbs
	A8-21	8.625"	22"	2 1⁄8"	29 lbs
	A10-21	10.75"	22"	2 1⁄8"	43 lbs
Ē	A10-25	10.75"	22"	2 5⁄8"	43 lbs
ertica	A10-31	10.75"	25"	3 1⁄8"	34 lbs
>	A12-31	12.75"	25"	3 1⁄8"	62 lbs
	A14-41	14"	34"	4 1⁄8"	97 lbs
	A16-41	16"	31"	4 1⁄8"	103 lbs
	A20-41	20"	45"	4 1⁄8"	276 lbs
riz.	A8-25HZA	8.625"	24"	2 5⁄8"	36 lbs
Н	A10-31HZA	10.75"	24"	3 1⁄8"	52 lbs
	agaiting calculated at 1	050/			

All capacities calculated at 85%

*Custom sizes are also available

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.

ACCUMULATORS

ASME ACCUMULATORS (CONTINUED)

	Catalog		Recommen	ded Tons of R-22	Refrigerant	
	Number	-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max
	A8-15	1.12 / 5	1.4 / 8	2.3 / 12.5	2.5 / 19	5 / 28
ertical	A8-21	2 / 12	4 / 18	5 /27	7 / 41	10 / 60
	A10-21	2 / 12	4 / 18	5 / 27	7 / 41	10 / 60
	A10-25	4 / 17	6 / 27	8 / 41	10 / 62	14 / 90
	A10-31	6 / 25	9 / 40	12 / 61	15 / 92	20 / 132
>	A12-31	6 / 25	9 / 40	12 / 61	15 / 92	20 / 132
	A14-41	12 / 37	20 / 61	31 / 96	47 / 145	68 / 210
	A16-41	12 / 27	20 / 61	31 / 96	47 / 145	68 / 210
	A20-41	12 / 37	20 / 61	31 / 96	47 / 145	68 / 210
riz.	A8-25HZA	4 / 17	6 /27	8 / 41	10 / 62	14 / 90
Р	A10-31HZA	6 / 25	9 / 40	12 / 61	15 / 92	20 / 132

Catalog			Recommend	Recommended Tons of R-404 Refrigerant								
	Number	-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max						
	A8-15	1.12 / 4	1.5 / 7.8	2.5 / 12.5	3.5 / 19	2 / 25						
	A8-21	2 / 10	3 / 17	5 / 28	8 / 42	12 / 65						
	A10-21	2 / 10	3 / 17	5 / 28	8 / 42	12 / 65						
a	A10-25	3 / 15	5 / 25	8 / 41	13 / 63	19 / 97						
ertic	A10-31	5 / 22	8 / 38	12 / 61	19 / 94	29 / 143						
>	A12-31	5 / 22	8 / 38	12 / 61	19 / 94	29 / 143						
	A14-41	11 / 35	19 / 59	31 / 96	48 / 148	73 / 225						
	A16-41	11 / 35	19 / 59	31 / 96	48 / 148	73 / 225						
	A20-41	11 / 35	19 / 59	31 / 96	48 / 148	73 / 225						
riz.	A8-25HZA	3 / 15	5 / 25	8 / 41	13 / 63	19 / 97						
Н	A10-31HZA	5 / 22	8 / 38	12 / 61	19 / 94	29 / 143						







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.

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 nonheat exchange models. UL models include an integrated fusible plug rated to 430°F

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HEAT EXCHANGE ACCUMULATORS (VERTICAL)

Catalog Number		Dimensions A B		ODS Conn.	Holding Capacity (R-22)
	A6-11HE	6"	15"	1 1⁄6"	9 lbs
		0	15	170	5 155
Ы	A6-13HE	6"	23"	1 ³⁄8"	13 lbs
	A6-15HE	6"	23"	1 5⁄8"	13 lbs
	A8-21HE	8"	19.75"	2 1⁄8"	20 lbs
ASME	A10-25HE	10"	21.5"	2 5⁄8"	33 lbs
	A10-31HE	10"	21.5"	3 1⁄8"	32 lbs

All capacities calculated at 85%

For pump-down capacities of R-404A, multiply the R-22 holding capacity by 0.90

	Catalog	Recommended Tons of R-22 Refrigerant								
Number		-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max				
	A6-11HE	0.40 / 1.80	0.23 / 2.90	0.36 / 4.50	0.54 / 6.80	0.80 / 9				
UL	A6-13HE	0.50 / 2.80	0.57 / 4.80	0.90 / 7.60	1.40 / 11	3 / 15.40				
	A6-15HE	0.90 / 4.70	1.40 / 8	2.30 / 13	3.40 / 19	5 / 27				
	A8-21HE	2 / 12	4 / 18	5 / 27	7 / 41	10 / 60				
SME	A10-25HE	4 / 17	6 / 27	8 / 41	10 / 62	14 / 90				
4	A10-31HE	6 / 25	9 / 40	12 / 61	15 / 92	20 / 132				

	Catalog	Recommended Tons of R-404A Refrigerant								
	Number	-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max				
	A6-11HE	0.40 / 1.40	0.20 / 2.60	0.33 / 4	0.50 / 6.50	0.80 / 9				
٦	A6-13HE	0.50 / 2.70	0.50 / 4.30	0.83 / 7	1.30 /11	3.20 / 16.5				
	A6-15HE	0.90 / 4.50	1.30 / 7.10	2.10 / 12	3.30 / 18	5.50 / 29				
	A8-21HE	2 / 10	3 / 17	5 / 28	8 / 42	12 / 65				
SME	A10-25HE	3 / 15	5 / 25	8 / 41	13 / 63	19 / 97				
4	A10-31HE	5 / 22	8 / 38	12 / 61	19 / 94	29 / 143				

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 nonheat exchange models. UL models include a removable fusible plug rated at 362°F.





HEAT EXCHANGE ACCUMULATORS (HORIZONTAL)

Catalog		Dimensions		ODS	Coil	Holding	
	Number	А	В	Conn.	Conn.	Capacity (R-22)	
	A6-13 HEZ	6"	22.5"	1 3⁄8"	5⁄8"	17 lbs	
UL	A6-15HEZ	6"	30"	1 5⁄8"	3⁄4"	23 lbs	
	A6-15HEZC	6"	48"	2 1⁄8"	7⁄8"	36 lbs	
МЕ	A8-25HEZA	8"	24"	2 5⁄8"	1 ³⁄8"	20 lbs	
ASI	A10-31HEZ	10"	24"	3 1⁄8"	1 ³ ⁄8"	47 lbs	

All capacities calculated at 85%

For pump-down capacities of R-404A, multiply the R-22 holding capacity by 0.90

	Catalog	Recommended Tons of R-22 Refrigerant								
Number		-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max				
	A6-13 HEZ	0.40 / 1.80	0.23 / 2.90	0.36 / 4.50	0.54 / 6.80	0.80 / 9				
٦N	A6-15HEZ	0.50 / 2.80	0.57 / 4.80	0.90 / 7.60	1.40 / 11	3 / 15.40				
	A6-15HEZC	2 / 12	4 / 18	5 / 27	7 / 41	10 / 60				
ME	A8-25HEZA	4 / 17	6 / 27	8 / 41	10 / 62	14 / 90				
ASI	A10-31HEZ	6 / 25	9 / 40	12 / 61	15 / 92	20 / 132				

Catalog		Recommended Tons of R-404A Refrigerant								
	Number	-40°F Min / Max	-20°F Min / Max	0°F Min / Max	20°F Min / Max	40°F Min / Max				
	A6-13 HEZ	0.40 / 1.40	0.20 / 2.60	0.33 / 4	0.50 / 6.50	0.80 / 9				
Ч	A6-15HEZ	0.50 / 2.70	0.50 / 4.30	0.83 / 7	1.30 / 11	3.20 / 16.50				
	A6-15HEZC	2 / 10	3 / 17	5 / 28	8 / 42	12 / 65				
ME	A8-25HEZA	4 / 17	6 / 27	8 / 41	10 / 62	14 / 90				
ASI	A10-31HEZ	5 / 22	8 / 38	12 / 61	19 / 94	29 / 143				



90



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.

92 DETECTION DEVICES
102 AIR SEPARATORS
104 VALVES
106 ACCESSORIES
108 REPLACEMENT PARTS

DETECTION DEVICES

LEVEL TRANSDUCER PROBE

MAXIMUM WORKING PRESSURE: 800 PSI



FEATURES

The level transducer probes (LP) are made for monitoring refrigerant levels in vertical or horizontal receivers. The probe operates with capacitance to provide a continuous level reading. The electronic circuit provides an analog signal that is proportional to the refrigerant level. This signal is provided as a 0-5V DC output commonly used with supermarket rack controllers, PLCs, and other types of control devices that will accept the input.

The probe is threaded directly into the receiver by the use of a ³/₄" NPT coupling or Rotolock. The probe has no moving parts and uses 24V DC as the input voltage.

- 10-24V DC supply voltage
 0-5V DC output voltage
 4-20ma output voltage
- Ambient temp. range: 32°F to 125°F Refrigerant temp. range: -40°F to 158°F
- For use with R-22, R-134A, R-404A, R-507, R410A, and other compatible refrigerants
- ¾" NPT or 1 ¼" Rotolock connection available Optional display available





LEVEL TRANSDUCER PROBE

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 troublefree 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 $\frac{1}{2}$ " 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	Replacement Module No.	Min/Max Fluid Temp.
LS-120	1⁄2" NPT	120V	0.5	Closed	180-001	0°F/200°F
LS-120A	1⁄2" NPT	120V	0.5	Open	180-002	0°F/200°F
LS-120-W	3⁄4"-16 UNJF-3A	120V	0.5	Closed	180-001	0°F/200°F
LS-120A-W	3⁄4"-16 UNJF-3A	120V	0.5	Open	180-002	0°F/200°F
LS-240	1⁄2" NPT	208/240V	0.25	Closed	180-003	0°F/200°F
LS240A	1⁄2" NPT	208/240V	0.25	Open	180-004	0°F/200°F
LS-240-W	3⁄4"-16 UNJF-3A	208/240V	0.25	Closed	180-003	0°F/200°F
LS-240A-W	3⁄4"-16 UNJF-3A	208/240V	0.25	Open	180-004	0°F/200°F
LS-24	1⁄2" NPT	24V AC/DC	0.5	Closed	180-007	0°F/200°F
LS-24A	1⁄2" NPT	24V AC/DC	0.5	Open	180-008	0°F/200°F
LS-24-W	3⁄4"-16 UNJF-3A	24V AC/DC	0.5	Closed	180-007	0°F/200°F
LS-24A-W	3⁄4"-16 UNJF-3A	24V AC/DC	0.5	Open	180-008	0°F/200°F
LS-240A-LT	1⁄2" NPT	208/240V	0.25	Open	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

ELECTRONIC LEVEL GAUGE

MAXIMUM WORKING PRESSURE : 700 PSI





Catalog Number	Vessel OD
RSG-6E	6 5⁄8"
RSG-8E	8 5⁄8"
RSG-10E	10 3⁄4"
RSG-12E	12 3⁄4"
RSG-14E	14"
RSG-16E	16"
RSG-18E	18"
RSG-20E	20"
RSG-24E	24"

Replacement Electronic Housing available. 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 bubblelevel 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.

- 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
- 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
- LCD operates 0°C-50°C (32°F-122°F)
- Factory Calibrated

PATENT PENDING



MECHANICAL LEVEL GAUGE

MAXIMUM WORKING PRESSURE : 700 PSI

FFRI-SHIFI



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.

- 1 3⁄4" Rotolock design
- Sight glass with easy-to-read liquid level indicator
- Conversion kits available for upgrade to electronic model

PATENT PENDING

Catalog Number	Vessel OD
RSG-6	6 5⁄8"
RSG-8	8 5⁄8"
RSG-10	10 3⁄4"
RSG-12	12 3⁄4"
RSG-14	14"
RSG-16	16"
RSG-18	18"
RSG-20	20"
RSG-24	24"



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		Number	Thread		Dimensions					
	Clear / Fl	oating Ball		Hex A	В	С				
	CL-04	FL-04	1⁄2" NPT	0.94"	0.56"	0.80"				
	CL-06	FL-06	3⁄4" 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"	1.44"	1.22"				
	CL-16	FL-16	2" NPT	2.5"	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 1⁄16" 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 nonfragmenting 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



P R E S S U R E G A U G E

W-15 PRESSURE GAUGE

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



DIFFERENTIAL PRESSURE GAUGE

DP-01 DIFFERENTIAL PRESSURE GAUGE

Our DP-01 differential pressure gauge is used to indicate both visually and electronically when the filter element in a coalescing oil separator is contaminated and needs replaced. A contaminated filter affects both performance and efficiency of the oil separator itself, and the overall efficiency of the entire system

Westermeyer Industries Inc.

- 1/4" male flare inlet/outlet
- 24V AC/DC, 3A Max
 60W MAS Switch rating
 Two 22 gauge wire leads, 12" long
- 12 PSID switch setting

- Multi-colored gauge face for easy visual inspection
- Supplied with two 6-32 mounting screws
- Aluminum body, stainless steel fittings and ceramic internals.

A

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	Pipe		Dimer	nsions			Max Flow	cv	Shipping
Number	Size	А	в	С	D	Е	(gpm)	Factor	Weight
WAC 2	2"	8.625"	18"	6.31"	5.38"	10.88"	80	86	32 lbs
WAC25	2.5"	10.75"	20"	7.06"	5.88"	13.00"	130	122	56 lbs
WAC3	3"	14"	27.25"	8.0"	11.25"	20.75"	190	190	128 lbs
WAC4	4"	16"	31.30"	9.32"	12.75"	25.25"	330	325	121 lbs
WAC5	5"	16"	31.39"	8.82"	13.75"	25.25"	550	510	170 lbs
WAC6	6"	20"	38"	23"	11.62"	29.25"	900	750	190 lbs
WAC8	8"	20"	49.45"	16.04"	17.38"	29.75"	1500	1260	276 lbs

AIR SEPARATORS

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 frontseated or back-seated to insure only one relief valve assembly is active. The TW-14 is made to connect to a standard 1 ¼"-12 Rotolock fitting. A PTFE gasket is supplied with the TW-14

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



Catalog	In	Out					
Number			А	В	С	D	E
TW-04	1⁄2" MPT	1⁄2" FPT	2.04"	0.75"	3.52"	1.76"	5.98"
TW-14	1 ¼"-12 Rotolock	1⁄2" FPT	2.04"	0.75"	4.15"	2.39"	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
- Teflon seal gasket connection

Catalog	IDS	Thread	Gauge	Body	Dimensions					
Number*			LOC.	Size	А	В	С	D	E	
50-002	3⁄8" Flare	³ ⁄4" - 16	Тор	3⁄4" hex	3 ²³ /32"	1 ¹⁷ /32"	1 ³⁄16"	25/ ₃₂ "	1"	
50-003	1⁄2" Flare	1" - 14	Тор	7∕8" sq	4 1⁄8"	1 ²³ ⁄32"	1 5⁄16"	3⁄4"	1 1⁄16"	
50-037	⁵⁄8" Flare	1" - 14	Тор	7∕8" sq	4 ³ ⁄8"	1 ³¹ ⁄32"	1 %16"	3⁄4"	1 1⁄16"	
50-018	1⁄2" ODS	1" - 14	Right	7∕8" sq	4 ½32"	1 5⁄8"	1 7⁄32"	3⁄4"	1 1⁄16"	
50-019	5∕8" ODS	1" - 14	Right	7∕8" sq	4 %32"	1 7⁄8"	1 ¹⁵ ⁄32"	3⁄4"	1 1⁄16"	
50-034	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"	
50-042	1 1⁄8" ODS	1 3⁄4" - 12	Тор	1 1⁄8" sq	5 ³⁄8"	2 ¹⁹ /32"	1 ¹⁵ ⁄32"	^{31/} 32"	1 ³⁄16"	
50-043	1 3⁄8" ODS	1 3⁄4" - 12	Тор	1 1⁄8" sq	7 ³ ⁄16"	3 5⁄16"	2 ¹⁵ / ₃₂ "	1 ³ ⁄16"	1 5⁄16"	
50-062	1 5⁄8" ODS	1 3⁄4" - 12	Тор	1 ¾" sq	9 ¹³ / ₃₂ "	3 1/8"	2 7⁄16"	1 5⁄8"	1 1⁄2"	

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*Add "K" to the end of the part number for kit including PTFE gasket. (ex. 50-002K)

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 %16"
50-402K	7⁄8"	1 1⁄8"	1 1⁄4"-12	1 %16"
50-403K	1 1⁄8"	1 3⁄8"	1 1⁄4"-12	1 %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 dimension including the mounting hole locations are shown in the table. Brackets are powder painted black.



MOUNTING BRACKETS

Catalog	Dimensions										
Number	А	В	С	D	E	F					
BK-06A	7"	6.26"	0.43"	6.63"	2.63"	1.00"					
BK-06B	7"	5.50"	0.43"	6.00"	2.63"	1.00"					
BK-08A	9"	8.5"	0.43"	8.63"	2.63"	1.00"					
BK-10B	11"	10.5"	0.43"	10.75"	2.63"	1.00"					
BK-12B	13"	12.32"	0.56"	12.75"	3.13"	1.50"					

REPLACEMENT PARTS

R E P L A C E M E N T F I L T E R S



FEATURES

These replacement filter kits include the appropriate hardware to service the filter element in coalescing oil separators

REPLACEMENT FILTERS FOR COALESCING OIL SEPARATORS

Filter Kit Cat. Number		Included in Filter Kit							W/II	Temprite	Temprite
		Filter Qty	Gasket PN	Gasket Qty	O-Ring PN	O-Ring Qty	Washer PN	Washer Qty	Oil Sep.	Filter PN	Oil Sep.
	90-013K	1	100-018	1	-	-	-	-	W-1903C	-	-
Westermeyer Separators	90-016K	1	100-010	1	-	-	-	-	OS6-13FC OS6-15FC OS6-21FC W-1902C	-	-
	90-019K	1	100-033	1	-	-	-	-	OS14-31C	-	-
	90-020K	1	100-018	1	-	-	-	-	W-1903C-A	-	-
	90-021K	1	100-041	1	-	-	-	-	OS12-31C	-	-
	90-040K	1	100-041	1	-	-	-	-	OS12-41C	-	-
(0)	90-050K	1	100-010	1	-	-	70-030	1	COS4-05F COS4-07F	62034000	922R/923R
arators	90-051K	1	100-010	1	-	-	70-031	1	COS4-11F COS4-13F	62037000	920R/930R
ie Sep	90-058K	1	100-018	1	100-233	1	70-031	1	-	62028000	926R/927R
emprite	90-059K	1	100-018	1	100-234 100-235	1	70-032	1		62051000	928/928R
	90-060K	1	100-010	1	100-236 100-237	1	70-032	1	-	62085000	930/930R



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 GASKETS AND FLOAT



separators currently using the *W1900-30* or the *Henry A1900-30*.
REPLACEMENT PARTS

REPLACEMENT GASKET KITS



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 GASKETS AND FLOAT

Westermeyer	Included in Gasket Kit				Temprite
Part Number	Gasket PN	Gasket Qty/Kit	O-Ring PN	O-Ring Qty/Kit	Part Number
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	5510005
100-010TK	100-010T	5	-	-	55000010
100-010K	100-010	5	-	-	
100-018K	100-018	5	-	-	
100-033K	100-033	5	-	-	
100-041K	100-041	5	-	-	



PTFE GASKETS





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.

NOTES





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.

THERMAL TRANSER SYSTEM INCPO BOX 795096DALLAS, TX 75379-5096PHONE 972-242-9600 OR 800-527-0131FAX 972-242-7568EMAIL SALES@THERMALTRANSFERSYSTEMS.COM

LEGEND OF CERTIFICATION SYMBOLS



UL listed in US and Canada



UL recognized component



ASME Pressure Vessel Certification



Canadian Registration Number Available.



Conformité Européenne certification for Europe