



SPORLAN

Steel Receivers



Receiver
RT612V3S
UL LUNA IT
229319
REFRIGERANT
RECEIVED 14KJ
FOR USE WITH ALL
CFC, HCFC AND HFC
REFRIGERANTS
DESIGN PRESSURE
450 PSIG (3103KPa)
MADE IN CHINA
LW102259
Parker
Parker Hannifin
Sporlan Division



ENGINEERING YOUR SUCCESS.

▼ STEEL RECEIVERS



The RT series steel receivers are multi-functional in a refrigeration system. It provides a reservoir for refrigerant during normal operation of a refrigeration system, ensures availability of a reserve quantity of refrigerant during periods of high load demands and provides a place to store refrigerant charge during either automatic or service pump downs.

Receivers storage capacities are based on 80% of the internal volume of the tank when the temperature of the refrigerant in 90°F (32°C) per ARI standard 495. Receiver selection should be based on the vessels ability to hold 90% of the total system refrigerant charge.

Features and Benefits

- Integral 430°F (221°C) fuse plug
- PTFE gasket seal for valve
- UL file number SA7946 and CSA file number LR41494 with 3" to 5" models at 500 psi M.R.P. and 6" models at 450 psi M.R.P.
- Powder coating surpasses 500 hour ASTM salt spray
- Manufactured in ISO 9001/ISO 14001 registered facility

Configuration Options

- 3" through 6" diameters with maximum length of 36" providing up to 40 lbs. R-404A capacity
- Receivers available with or without isolation valves
- Valves can be brazed to the body or connected via rotolock stub with PTFE seal
- Available with 1/4" - 5/8" ODF sweat solid copper connections

⚠ WARNING – USER RESPONSIBILITY

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

OFFER OF SALE

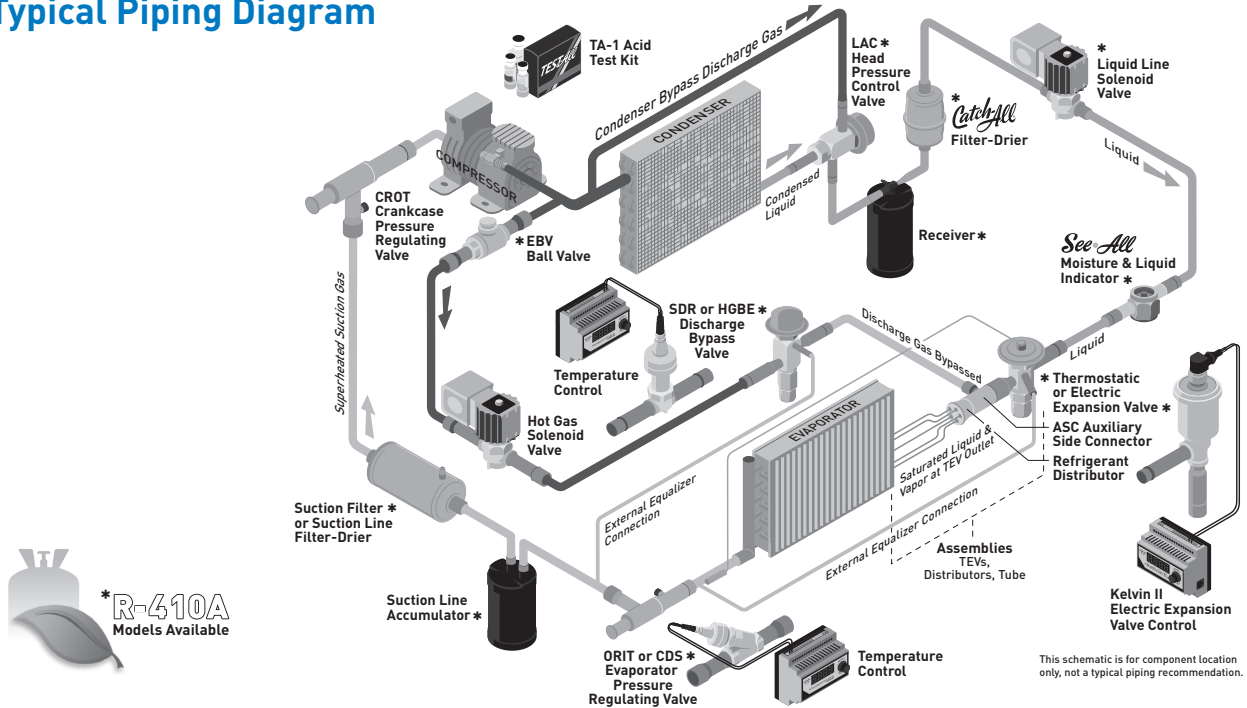
The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the detailed "Offer of Sale" available at www.parker.com.

FOR USE ON REFRIGERATION and/or AIR CONDITIONING SYSTEMS ONLY

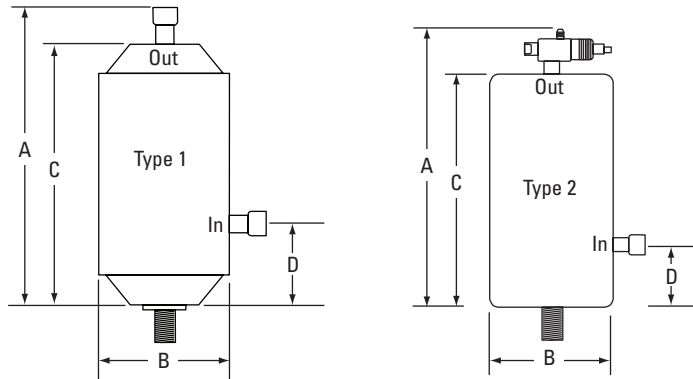
Bulletin 40-10-6, January 2012 supersedes Bulletin 40-10-6, April 2007 and all prior publications.

▼ STEEL RECEIVERS

Typical Piping Diagram



Dimensions



CATALOG NUMBER	FITTING TYPE	DIMENSION: INCH (Millimeters)				TYPE
		"A"	"B"	"C"	"D"	
RT-306V-TS	1/4 (6.0) Solder x 1/4 (6.0) Solder	6-3/4 (171)	3 (76)	5-7/8 (149)	2 (51)	1
RT3510V2S-KS	3/8 (6.0) Solder x 1/4 (6.0) Valve	11-1/8 (283)	3-1/2 (89)	10 (254)	2 (51)	2
RT510V3S-KS	3/8 (6.0) Solder x 3/8 (6.0) Valve	11-1/8 (283)	5 (127)	10 (254)	2-1/2 (64)	2
RT612V3S-KS	3/8 (6.0) Solder x 3/8 (6.0) Valve	13-1/8 (333)	6 (152)	12 (305)	2-1/2 (64)	2
RT616V3S-KS	3/8 (6.0) Solder x 3/8 (6.0) Valve	17-1/8 (435)	6 (152)	16 (406)	2-1/2 (64)	2
RT618V4S-KS	1/2 (6.0) Solder x 1/2 (6.0) Valve	19-3/8 (492)	6 (152)	18 (457)	2-1/2 (64)	2
RT623V4S-KS	1/2 (6.0) Solder x 1/2 (6.0) Valve	24-3/8 (619)	6 (152)	23 (584)	2-1/2 (64)	2

CATALOG NUMBER	HOLDING CAPACITY – lbs.			
	R-404A, R-410A	R-22	R-134a	R-407C
RT-306V-TS	1.1	1.3	1.3	1.2
RT3510V2S-KS	3.1	3.6	3.7	3.4
RT510V3S-KS	6.5	7.5	7.8	7.2
RT612V3S-KS	10.5	12.1	12.6	11.6
RT616V3S-KS	15.1	17.4	18.1	16.6
RT618V4S-KS	17.1	19.7	20.5	18.8
RT623V4S-KS	21.9	25.2	26.3	24.1

Select receiver with holding capacity equal to or greater than 90% system charge at 90°F.

For complete information see your Sporlan Wholesaler, our website at www.sporlan.com, or write Sporlan and request Bulletin 40-10-6.



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