

R/S Stop Strainer
Port Size 13-100mm (1/2" - 4")
FOR AMMONIA, R12, R22, R502
AND OTHER COMMON REFRIGERANTS
FEATURES

- Handwheel or Seal Cap
- Replaceable PTFE seat disc
- Full-ported angular seat allows washing action
- Positive shut-off
- Low pressure drop
- 50 mesh stainless steel screen
- Stainless steel stem with positive back seating
- Drain connection for safe cleaning
- Maximum Safe Working Pressure 400 PSIG
- Fluid Temperature Range -50°F to 350F

Description

The Refrigerating Specialties combination stop/strainer shut-off valves are designed to provide all the benefits of a typical valve and strainer assembly within a single valve body. This unique combination valve decreases the effects of pressure drop in a system by eliminating the need for a separate strainer, while reducing system and installation costs.

Safe Operation (See also Bulletin RSB)

People doing any work on a refrigeration system must be qualified and completely familiar with the system and the Refrigerating Specialties Division valves involved, or all other precautions will be meaningless. This includes reading and understanding pertinent Refrigerating Specialties Division product Bulletins and Safety Bulletin RSB prior to installation or servicing work. Where cold refrigerant liquid lines are used, it is necessary that certain precautions be taken to

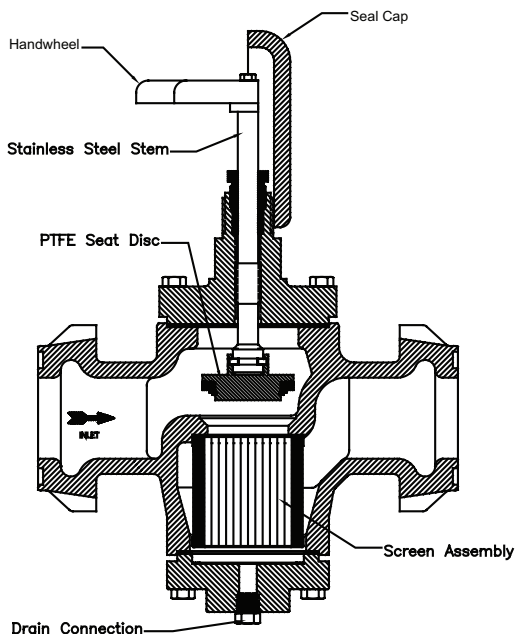


Fig 1

Bulletin 86-00 B



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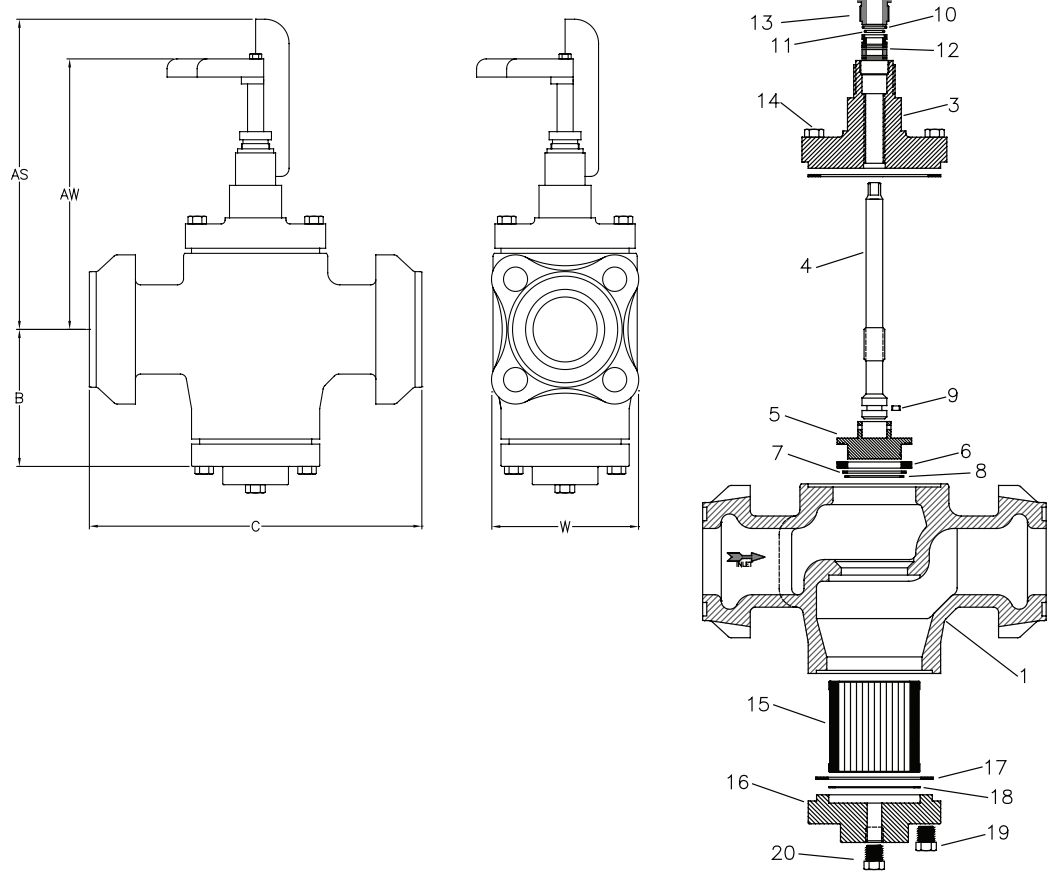
avoid damage that could result from liquid expansion. Temperature increase in a piping section full of solid liquid will cause high pressure due to the expanding liquid that can possibly rupture a gasket, pipe or valve. All hand valves isolating such sections should be marked, warning against accidental closing, and must not be closed until the liquid is removed. Check valves must never be installed upstream of solenoid valves, or regulators with electric shut-off, nor should hand valve upstream of solenoid valves or downstream of check valves be close until the liquid has been removed. It is advisable to properly install relief devices in any section where liquid expansion could take place. Avoid all piping or control arrangements that might produce thermal or pressure shock. For the protection of people and products, all refrigerant must be removed from the section to be worked on before a valve, strainer, or other device is opened or removed. Flanges with ODS connections are not suitable for ammonia service.

Warranty

All Refrigerating Specialties products are warranted against defects in workmanship and materials for a period of one year from date of shipment from originating factory. This warranty is in force only when products are properly installed, field assembled, maintained, and operated in use and service as specifically stated in Refrigerating Specialties Catalogs or Bulletins for normal refrigeration applications, unless otherwise approved in writing by Refrigerating Specialties Division. Defective products, or parts thereof returned to the factory with transportation charges prepaid and found to be defective by factory inspection will be replaced or repaired at Refrigerating Specialties option, free of charge F.O.B. factory. Warranty does not cover products that have been altered, or repaired in the field; damaged in transit, accidents, misuse, or abuse. Products disabled by dirt or other foreign substances will not be considered defective. The express warranty above constitutes the only warranty of Refrigerating Specialties products, and is in lieu of all other warranties, expressed or implied, written or oral, including any warranty of merchantability or warranty of fitness for a particular purpose and in no event is Refrigerating Specialties responsible for any consequential damages of any nature whatsoever. No employee, dealer, agent or any other person is authorized to give any warranties on behalf of Refrigerating Specialties nor to assume for Refrigerating Specialties any other liability in connection with any of its products.

Item #	Description	Port Size							
		1/2" & 3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
	Handwheel Kit	204268	204268	204269	204269	204269	204269	204270	204270
	Seal Cap Kit	204273	204273	204272	204274	204274	204274	204275	204275
10 - 13	Packing Kit	204471	204471	204472	204472	204472	204472	204473	204473
5 - 14	Bonnet Assy	206865	206866	206867	206868	206869	206870	206871	206872
15, 17, 18	Screen Assy	207054	207055	207056	207057	207058	207059	207060	207061
6 - 8	Disc Kit			204321	204322	204323	204324	204325	204326
2	Bonnet Gasket Kit	204281	204282	204283	204283	204284	204285	204286	204287
	Seal Cap Gasket Kit	204292	204292	204292	204292	204292	204292	204293	204293
18	Gasket Kit		207435	207436	204284	202374	208016		204288

Item #	Description
1	Body
2	Gasket, Bonnet
3	Bonnet
4	Stem, Valve
5	Disc Carrier
6	Seat Disc
7	Washer, Retaining
8	Ring, Retaining
9	Roll Pin
10	Packing Cartridge
11	O-ring, Bonnet
12	O-ring, Stem
13	Packing Nut
14	Bolt, Bonnet
15	Screen
16	Bottom Cap
17	Gasket
18	Spring
19	Bolt, Cover
20	Plug



Port Size	1/2" & 3/4"		1/2" & 3/4" *		1" *		1-1/4"		1-1/2"		2"		2-1/2"		3"		4"	
	13 & 20 mm		13 & 20 mm		25 mm		32 mm		40 mm		50 mm		65 mm		75 mm		100 mm	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
AW	197	7.75	197	7.75	235	9.25	200	7.87	204	8.03	233	9.18	231	9.12	290	11.43	231	13.03
AS	216	8.5	216	8.5	230	9.03	212	8.37	220	8.68	231	9.12	324	12.75	324	12.75	354	13.93
B	57	2.25	57	2.25	82	3.25	89	3.5	108	4.25	125	4.93	149	5.87	162	6.37	212	8.37
C	85	3.37	165	6.5	108	4.25	216	8.5	235	9.25	260	10.25	260	10.25	324	12.75	406	16
W	85	3.37	85	3.37	108	4.25	104	4.12	109	4.31	113	4.56	130	5.12	180	7.12	238	9.37

* 2 Bolt body Construction

** Dimension AW is for the stem in wide open (back seated position)