



STRAINER VALVE



SUPERFREEZE

STRAINER VALVE

TYPE : SST
PORT SIZE : ½" thru 6" (15mm - 150mm)

REFRIGERANTS

R-717(Ammonia), R12, R-22 and other common refrigerants

CONNECTIONS

Screwed : ½" thru 1" (15mm - 25mm)
Flanged : ½" thru 6" (15mm - 150mm)
Butt weldable : ½" thru 12" (15mm - 300mm)

INTRODUCTION

These refrigerant strainers (filters) are designed to remove foreign materials, like dirt and weld slag, from refrigeration systems. Strainers help prevent damage to valves and other components and thereby reducing costly service and downtime. Strainers are usually close-coupled to solenoid valves, pressure regulators and other flanged valves.

SPECIFICATION

Body : C.I. FG260, ASTM A-216,
Grade WCB,
ASTM A-352 Grade LCB
Bottom Cover : Nodular iron /Steel
Drain Plug : Standard on 1½" thru 4" (½" NPT)
5" & 6" (¾" NPT)
Screen : Stainless Steel, 70 mesh / 40mesh
Safe Working Pressure : 365 psig (25 bar)
Special Screen Sizes can be provided on demand.

SERVICE AND MAINTENANCE

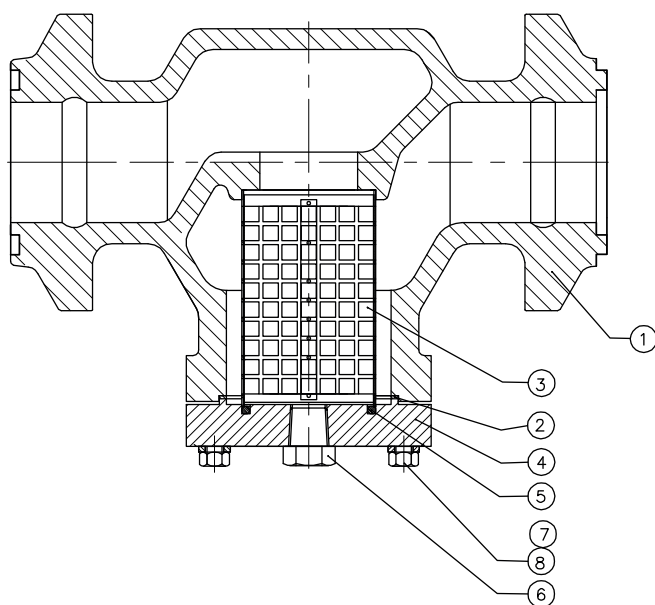
Before opening a strainer or any other component be sure it is isolated from the system, and all refrigerant is removed (pumped out to zero pressure). 1-1/2" through 6" strainers have a drain plug in the bottom cover for connecting a drain valve and hose for proper and safe removal of any trapped liquid refrigerant before opening the strainer for inspection.



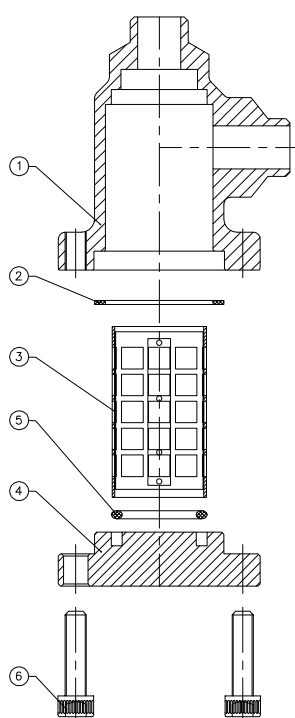
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STRAINER VALVE

SECTIONAL VIEW



8	SPRING WASHER	04
7	HEX SCREW	04
6	PLUG	01
5	O-RING	01
4	BONNET	01
3	FILTER	01
2	GASKET	01
1	BODY	01
ITEM NO.	DESCRIPTION	Qty



SIZE - 15mm - 32mm

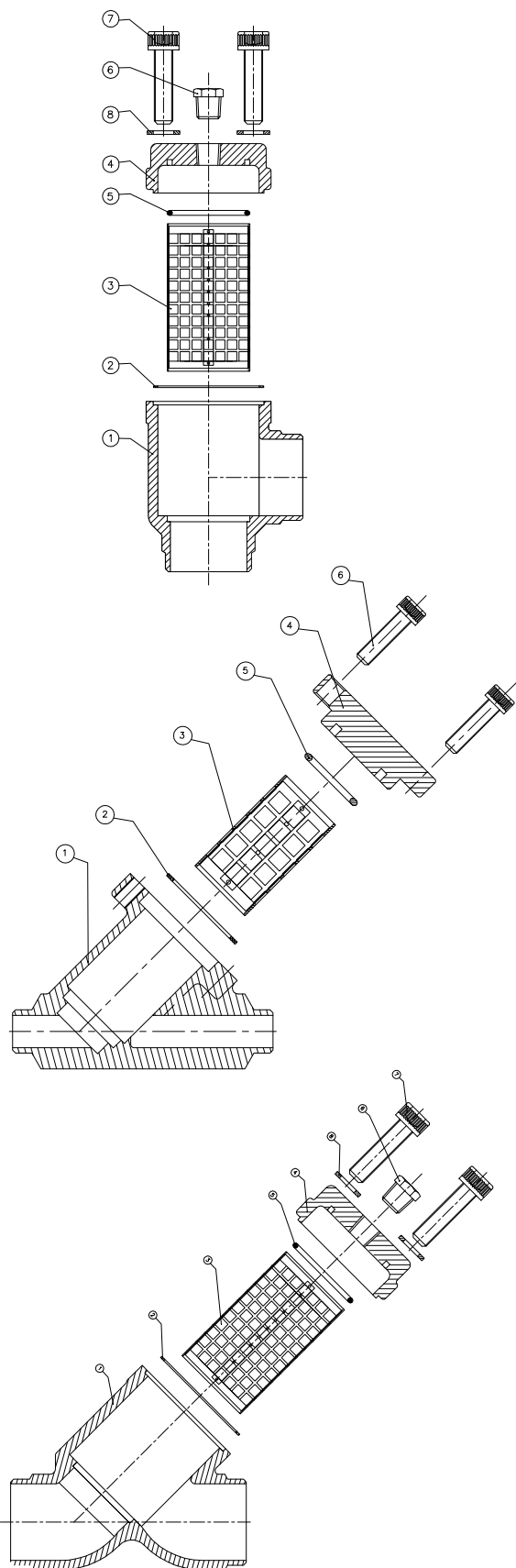
6	HEX SOCKET HEAD SREW	04
5	O-RING	01
4	BONNET	01
3	FILTER	01
2	GESKET	01
1	BODY	01
ITEM NO.	DESCRIPTION	Qty



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SECTIONAL VIEW



SIZE - 40mm - 300mm

8	SPRING WASHER	04
7	HEX SOCKET HEAD SCREW	04
6	PLUG	01
5	O-RING	01
4	BONNET	01
3	FILTER	01
2	GASKET	01
1	BODY	01
ITEM NO.	DESCRIPTION	Qty

SIZE - 15mm - 32mm

8	SPRING WASHER	04
7	HEX SOCKET HEAD SCREW	04
6	PLUG	01
5	O-RING	01
4	BONNET	01
3	FILTER	01
2	GASKET	01
1	BODY	01
ITEM NO.	DESCRIPTION	Qty

SIZE - 40mm - 300mm

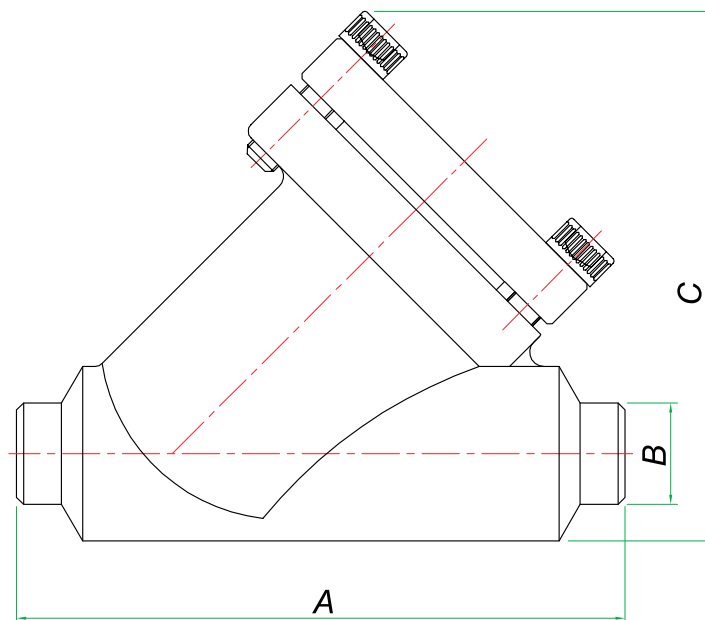
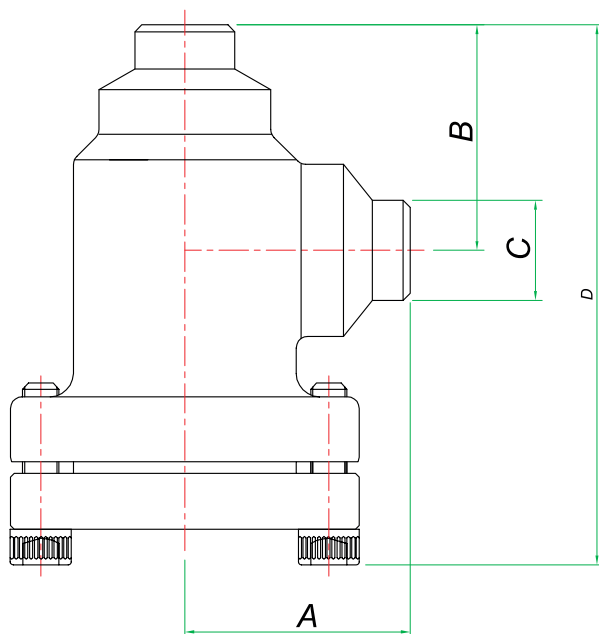
8	SPRING WASHER	04
7	HEX SOCKET HEAD SCREW	04
6	PLUG	01
5	O-RING	01
4	BONNET	01
3	FILTER	01
2	GASKET	01
1	BODY	01
ITEM NO.	DESCRIPTION	Qty



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DIMENSION DETAILS



BUTT WELDING STRAINER VALVE

WED-IN-LINE GLOBE					WELD-IN-LINE ANGLE					
SIZE		A	B	C	SIZE		A	B	C	D
1/2"	15mm	129	21.3	112	1/2"	15mm	48.5	48.5	21.3	68
3/4"	20mm	129	26.9	112	3/4"	20mm	48.5	48.5	26.9	68
1"	25mm	142	33.7	128	1"	25mm	60	60	33.7	86
1.1/4"	32mm	142	42.4	128	1.1/4"	32mm	60	60	42.4	86
1.1/2"	40mm	142	48.3	132	1.1/2"	40mm	60	60	48.3	86
2"	50mm	164	60.3	151	2"	50mm	70	70	60.3	82
2.1/2"	65mm	200	73	198	2.1/2"	65mm	80	80	73	115
3"	80mm	238	88.9	215	3"	80mm	95	95	88.9	106
4"	100mm	276	114.3	262	4"	100mm	120	120	114.3	129
5"	125mm	458	141.3	345	5"	125mm	150	150	141.3	159
6"	150mm	560	168.3	393	6"	150mm	180	180	168.3	159
8"	200mm	857	219.1	507	8"	200mm	200	200	219.1	205
10"	250mm	857	273		10"	250mm	216	216	273	
12"	300mm	1030	323.8		12"	300mm	273	273	323.8	

SUPERFREEZE INDIA (P) LTD

An ISO 9001 : 2015 Certified Company

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