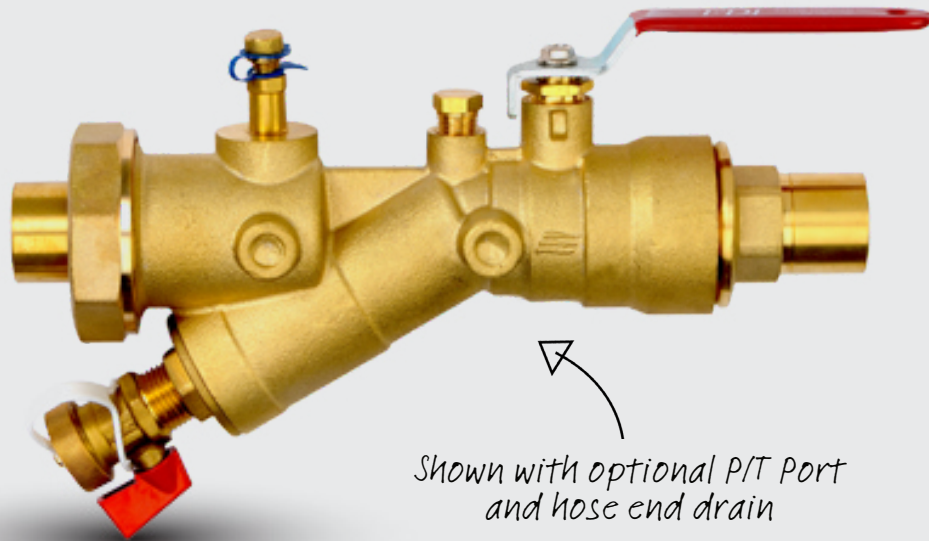


YC SBS



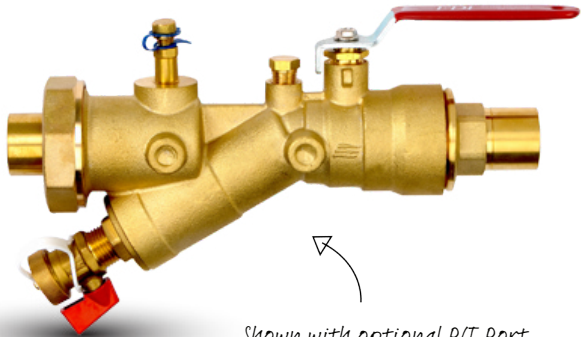
Hook-up Components

Y-strainer, ball valve, union
with stainless steel ball and stem

Engineering
GREAT Solutions

YC SBS

Combination ball valve, y-strainer and union with up to five (5) accessory port locations. 20 mesh stainless steel strainer is removable from the valve body for inspection and cleaning without breaking the main piping. The ball valve has PTFE packing, brass packing nut and blowout-proof stem, large diameter stainless steel ball, stem and a full size steel handle with vinyl grip. The union has a EPDM “o”-ring and tailpiece available in M, F, and S connections. Ball valve end only available in FPT or SWT. One size reduction available for union section. Port 1 available with maximum 1/2” tap for bypass line (option T2).



Key features

- > **Combination Valve**
- > **Removable Strainer**
Ease of inspection/cleaning
- > **Multiple Ports**
Add accessories if needed

Technical description

Application:
Coil Isolation and Protection

Functions:
Union, strainer, ball valve

Dimensions:
1/2” - 2”

Pressure class:
400 psig at 250° F (25 Bar at 120° C)

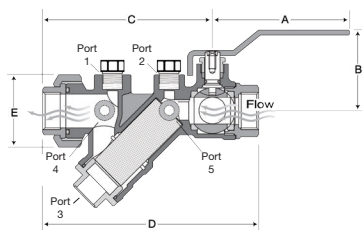
Material:
Body: DZR Brass
Strainer: 20 mesh stainless steel

Connections

Model	Size in./ (mm)		Fixed Conn. (Inlet) in./ (mm)			Union Conn. (Outlet) in./ (mm)		
YCSBS0050	1/2	(15)	1/2	(15)	S, F	3/8	(10)	S
						1/2	(15)	F M S
						3/4	(20)	F M S
YCSBS0075	3/4	(20)	3/4	(20)	S, F	3/8	(10)	S
						1/2	(15)	F M S
						3/4	(20)	F M S
YCSBS0100R*	1	(25)	1	(25)	S, F	1	(25)	M S
						1/2	(15)	F M S
						3/4	(20)	F M S
YCSBS0100	1	(25)	1	(25)	S, F	1	(25)	F M S
						1 1/4	(32)	F M S
						1/2	(15)	M S
						3/4	(20)	F M S
YCSBS0125	1 1/4	(32)	1 1/4	(32)	S, F	1	(25)	F M S
						1 1/4	(32)	F M S
						1 1/2	(40)	M S
YCSBS0150R*	1 1/2	(40)	1 1/2	(40)	S, F	1	(25)	F M S
						1 1/4	(32)	F M S
						1 1/2	(40)	M S
YCSBS0150	1 1/2	(40)	1 1/2	(40)	S, F	1	(25)	F M S
						1 1/4	(32)	F M S
						1 1/2	(40)	F M S
						2	(50)	F M S
YCSBS0200	2	(50)	2	(50)	S, F	1 1/4	(32)	F M S
						1 1/2	(40)	F M S
						2	(50)	F M S

S = sweat F = female NPT M = male NPT

Articles



Dimensions

Model	Size in./ (mm)		A in./ (mm)		B in./ (mm)		C in./ (mm)		D in./ (mm)		E in./ (mm)	
YCSBS0050	1/2	(15)	4.1	(103)	2.0	(52)	4.8	(122)	6.7	(169)	2.1	(53)
YCSBS0075	3/4	(20)	4.1	(103)	2.0	(52)	4.9	(124)	6.7	(170)	2.1	(53)
YCSBS0100R*	1	(25)	4.1	(103)	2.0	(52)	5.5	(140)	7.6	(192)	2.1	(53)
YCSBS0100	1	(25)	4.7	(119)	2.7	(68)	6.6	(169)	9.5	(241)	2.8	(71)
YCSBS0125	1 1/4	(32)	4.7	(119)	2.7	(68)	6.6	(169)	9.6	(245)	2.8	(71)
YCSBS0150R*	1 1/2	(40)	4.7	(119)	2.7	(68)	7.9	(200)	10.7	(273)	2.8	(71)
YCSBS0150	1 1/2	(40)	5.6	(141)	3.6	(93)	8.4	(212)	11.7	(297)	3.8	(97)
YCSBS0200	2	(50)	5.6	(141)	3.6	(93)	8.5	(217)	12.0	(305)	3.8	(97)

Weight / Cv

Model	Weight lb./(kg)		Cv / (Kv)	
YCSBS0050	2.3	(1.05)	7.9	(6.8)
YCSBS0075	2.3	(1.06)	8.8	(7.6)
YCSBS0100R*	2.3	(1.06)	8.8	(7.6)
YCSBS0100	5.9	(2.66)	19.7	(17.0)
YCSBS0125	5.8	(2.64)	20.4	(17.6)
YCSBS0150R*	6.4	(2.93)	20.4	(17.6)
YCSBS0150	14.8	(6.72)	52.7	(45.6)
YCSBS0200	14.8	(6.63)	55.1	(47.7)

Notes

Weights based on F X F connections and will vary with mixed options/connections

Weights and dimensions are subject to minor changes

Cv's based on the body only

* Denotes female thread not available on union end

See operation manual for Installation and Maintenance F033

Model Order Designation

Model Size
1" YC Shown

Option w/ Locations

Use for options that require specified locations.

Air Vent in Port 1 and Hose End Drain in Port 3 Shown

YCSBS0100 - FS / 075S - AV1, HN3 - EH

Connections

Ball valve end first. See specifications for available connections.
Female Sweat X 3/4" Reduced Female Sweat Shown.

Options

Use for options that have specific locations.
Extended Handle Shown

S = female sweat

F = female NPT

M = male NPT

Options Available

AA Automatic Air Vent

MI Metal ID Tag

SE Stem Extender

AV Manual Air Vent

PI Plastic ID Tag

T2 1/2" F Tap

EH Extended Handle

PL Plug

T4 1/4" F Tap

HN Hose End Drain Valve with Cap

PP Propress®

XL Ext. P/T Port

