FlowCon Strainer 15-40mm

Strainer Valve

SPECIFICATIONS

Pressure rating:	2500 kPa / 360 psi
Temperature rating, media:	-20°C to +120°C / -4°F to +248°F
Material:	
- Strainer:	250µ (=60 mesh) stainless steel

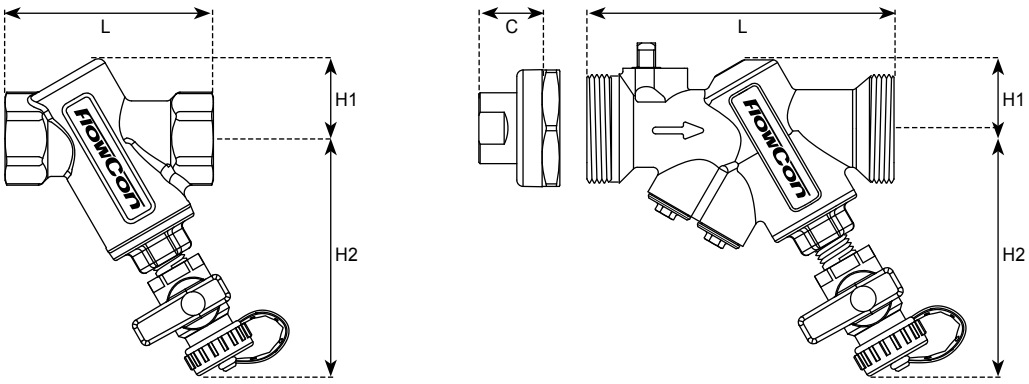
Valve:

Material:	
- Body:	Forged brass ASTM CuZn40Pb2
- Ball valve:	ABS: Chemically nickel plated brass ball
End Connections:	A: Female ISO or NPT
	AB: Female ISO or NPT
	ABS: Union end connections in brass alloy ISO or NPT.

DIMENSIONS AND WEIGHTS (NOMINAL) (measured in mm unless noted)

Valve model	Valve size	Strainer size	L	H1	H2	End connections C[1]			Weight[2] (kgs.) w/o end conn.
						ISO female	ISO male	Sweat	
A	15	20	80	31	79	-	-	-	0.48
	20								0.45
	25		91						0.49
AB	15	20	82	31	79	-	-	-	0.47
	20		94						0.53
	25		102						0.59
	25	40	82	47	104	-	-	-	1.90
	32		94						1.70
ABS1	15	20	122	33	79	22	24	20	0.75
	20					22	25	20	
	25					-	39	22	
ABS2	25	40	122	42	104	35	40	34	2.10
	32					33	40	34	
	40					33	42	-	

Note 1: Add end connection length to body length.
Note 2: Weight of valvebody with blind cap and blind plugs (without union end connections).



MODEL NUMBER SELECTION

S . ____ . ____ . ____ . ____ . ____ . ____ . ____

Insert type of cap:
0=No cap **1**=Cap **2**=Cap and Blowdown

Insert type of body:
20mm Strainer: **01**=AB15 **02**=AB20 **03**=ABS1 **04**=A15 **05**=A20 **06**=A25 **07**=AB25
40mm Strainer: **15**=ABS2 **21**=AB25 **22**=AB32

Insert p/t plug requirements:
Leave it **blank** if no p/t plugs are required **B**=pressure/temperature plugs **P**=taps plugged

Insert inlet x outlet union end connections - leave it **blank** if A- or AB-body or no end connections required:

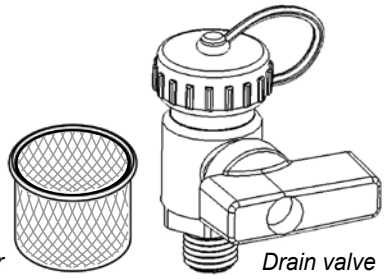
Body size	Female threaded	Male treaded	Sweat
Union end 15-25mm, 1/2"-1"	**E** = 15mm=1/2" **F** = 20mm=3/4"	**H** = 15mm=1/2" **I** = 20mm=3/4" **J** = 25mm=1"	**K** = 15mm **L** = 18mm **M** = 22mm
Union end 25-40mm, 1"-1 1/2"	**G** = 25mm=1" **P** = 32mm=1 1/4" **Q** = 40mm=1 1/2"	**J** = 25mm=1" **S** = 32mm=1 1/4" **T** = 40mm=1 1/2"	**N** = 28mm **W** = 35mm

Insert connection standard:
I=ISO **N**=NPT

Example: S.1.01.P.I=Strainer in AB 15mm ISO female threaded body with plugs.

ACCESSORIES

- Strainer, mesh 60: ACC609002 (DN15/20/25), ACC609003 (DN25/32/40)
- Blind cap: ACC0080 (DN15/20/25), ACC0081 (DN25/32/40) (cap for flushing out the system)
- Blow-down cap: ACC0082 (DN15/20/25), ACC0083 (DN25/32/40) (cap for applying drain valve)
- Drain valve: ACC913302 (1/4”).



Strainer *Drain valve*

GENERAL SPECIFICATIONS

1. STRAINER - FLOWCON A

1.1. Contractor shall install strainers where indicated in drawings.
1.2. Valve shall consist of strainer, mesh 60.

2. VALVE HOUSING

2.a. **FlowCon A**
- 2.a.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120ºC.
- 2.a.2. Valve housing shall be permanently marked to show direction of flow.
- 2.a.3. Housing shall be configured for strainer unit accessibility.
- 2.a.4. Drain valve shall be available for all valve sizes.

OR….

2b. **FlowCon AB**
- 2.b.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120ºC.
- 2.b.2. Valve housing shall be permanently marked to show direction of flow.
- 2.b.3. Optional pressure/temperature test plugs for verifying performance shall be available for all valve sizes.
- 2.b.4. Housing shall be configured for strainer unit accessibility.
- 2.b.5. Drain valve shall be available for all valve sizes.

OR….

2.c. **FlowCon ABS**
- 2.c.1. Valve housing shall consist of forged brass ASTM CuZn40Pb2, rated at no less than 2500 kPa static pressure and +120ºC.
- 2.c.2. Valve housing shall be permanently marked to show direction of flow.
- 2.c.3. Valve housing shall be double union end constructed with a range of pipe connections available for the appropriate pipe size.
- 2.c.4. Valve ball shall consist of chemically nickel plated brass (ASTM CuZn40Pb2).
- 2.c.5. Optional pressure/temperature test plugs for verifying performance shall be available for all valve sizes.
- 2.c.6. Housing shall be configured for strainer unit accessibility.
- 2.c.7. Drain valve shall be available for all valve sizes.

UPDATES

For latest updates please see www.flowcon.com