

**FLOW-TEK VALVES
& CONTROLS INC.**



AN ISO 9001 : 2008 CERTIFIED COMPANY

MANUFACTURER & EXPORTER OF

Flow-age

MAKE SPECIALISED INDUSTRIAL VALVES

STRAINER



flow-age

" All Types of Valve for whole Project "

www.flowagevalves.com

STAINER

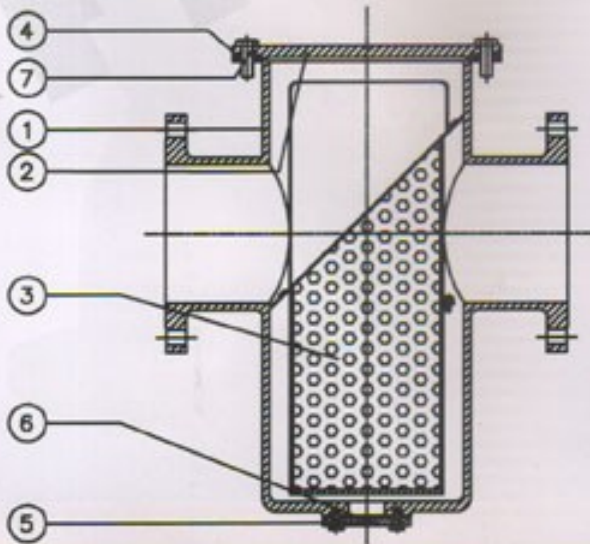
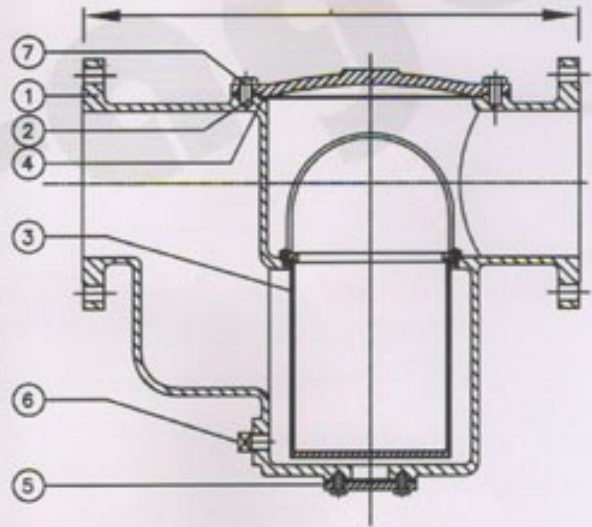
BASKET STRAINERS:

"Flow age" offer Basket Strainers are extensively used to strain foreign matters from pipelines and to protect expensive pumps, meters, valves and mechanical seats. These strainers reduce downtime for clearing due to their inherent construction of bolted cover and easy removal of screen. They are ideal for very fine straining.

- **End Connection** : Flanged
- **Pressure Ratings** : ANSI B 16.5 Class 150, 300 & 600
- **Screen Available** : 2 Mesh To 800 Mesh (Up To 5 Microns)
- **Sizes Available** : 15 NB To 600 NB
- **Std. Free Flow Area** : 300% Pipe Flow Area Higher Flow Area on Demand
- **Pressure Drop** : 0.02 BAR in 100% Clean Condition
0.05 BAR in 50% clogged condition
- **Free Flow Area** : In Cast Construction: Normal 3 times
In Fabricated construction: 3 times & above
- **MOC Available** : **Cast Iron** : CI TO IS 210 GR. FG 200 / 220 / 260, Ductile Iron / SG Iron
Cast Steel : ASTM A 216 GR. WCB, ASTM A 217 GR. WC6/WCC /
ASTM A 352 GR. LCB
Stainless Steel : ASTM A 351 GR. CF8 / CF8M / CF3 / CF3M / SS 310 / 310S / 321
- **Special Strainers on Demand** : 1. Rubber Lined
2. PTFE Lined
3. Jacketed
4. Large Screen Area

NOMENCLATURE

S.NO	PART NAME	MATERIAL
1	BODY	CAST IRON / CAST STEEL / SS 304 / SS 304 L / SS 316 / SS 316L / SS 310 / SS 310 S / SS 321 ETC.
2	COVER	M.S.
3	SCREEN	S.S. 304 (80 / 100 Mesh)
4	GASKET	GRAPHITED ASBESTOS
5	BOTTOM COVER	M.S.
6	DRAIN PLUG	M.S.
7	NUT & BOLTS	M.S.



NOMENCLATURE

S.NO	PART NAME	MATERIAL
1	BODY	CAST IRON / CAST STEEL / SS 304 / SS 304 L / SS 316 / SS 316L / SS 310 / SS 310 S / SS 321 ETC.
2	COVER	M.S.
3	MESH	S. S. 304
4	GASKET	GRAPHITED ASBESTOS
5	BOTTOM COVER	M.S.
6	DRAIN PLUG	M.S.
7	NUT & BOLTS	ASTM A 193 GR. B7 / A 194 GR. 2H

Y STAINERS:

- End Connection : Flanged / Butt Weld /Screwed / Socket Weld

Pressure Ratings

- Flanged / Butt Welding : ANSI B 16.5, Class 150 / 300 / 600
- Screwed / Socket Weld : ANSI B 16.11, Class 800
- Screen Available : 2 Mesh To 200 Mesh (Up To 80 Microns) Finer on Demand

Sizes Available

- Flanged / Butt Welding : 15 NB to 400 NB
- Screwed / Socket Weld : 15 NB to 50 NB
- Standard Free Flow Area : 300% Pipe Flow Area
- Pressure Drop : 0.02 BAR in 100% Clean Condition (Average)
0.05 BAR in 50% clogged condition (Average)
- Free Flow Area : In Cast Construction: Normal 3 times
- In Fabricated construction : 3 times & above
- Special Strainers on Demand : 1. Rubber Lined
2. PTFE Lined
3. Jacketed
4. Investment Casting Socket Weld / Screwed End
Strainers are offered on demand.

MOC Available

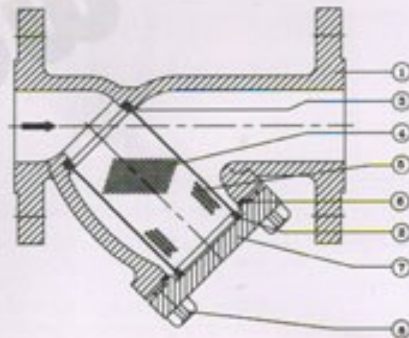
- Cast Iron : CI TO IS 210 GR. FG 200 / 220 / 260, Ductile Iron /SG Iron
- Cast Steel : ASTMA216 GR. WCB, ASTMA217 G R. WC6/WCC /ASTMA352 GR. LCB
- Stainless Steel : ASTMA351 GR. CF8 /CF8M /CF3 /CF3M / SS 310 /310S /321

Face To Face Dimensions Standard for Y Strainers

- Flanged End 150# : ANSI B 16.10 Y' Globe Valve
- Flanged End 300# : FLOW-TEK
- Flanged End 600# : ANSI B 16.10 Globe Valve
- Socket Weld / Screwed End : FLOW-TEK
- Flat Seated screen for proper sealing
- Down – Stretched pressure drop due to large free flow area of screen.

NOMENCLATURE

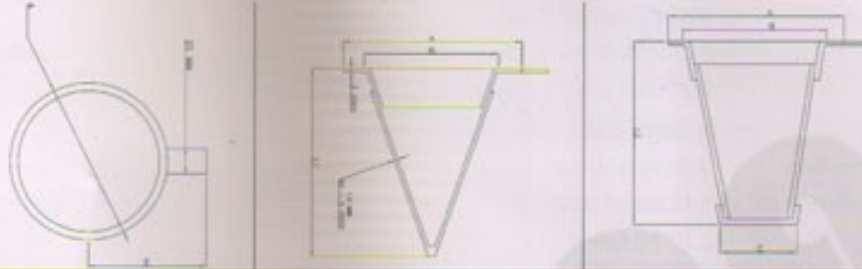
08	COVER BOLTS/NUTS	CS
07	COVER	CS
08	BODY GASKET	GRAPHITTED ASBESTOS
05	WIRE SCREEN	SS-304 (40 MESH)
04	PERFORATED SHEET	SS-304
03	SCREEN COLLAR	STEEL
02	COLLAR GASKET	SS 316 / 304 SPIRAL WOUND PTFE FILLED
01	BODY	CAST IRON / CAST STEEL / SS 304 / SS 304 L / SS 316 / SS 316L / SS 310 / SS 310 S / SS 321 ETC.
NO	DESCRIPTION	MATERIAL



CONICAL IN-LINE STRAINER :

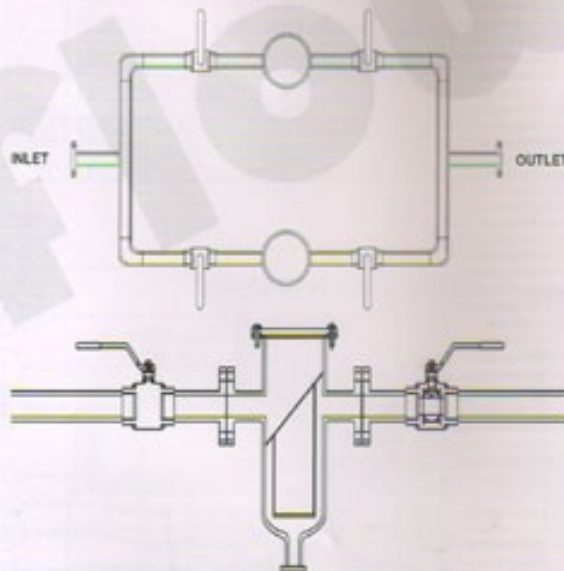
"Flow age" offer Conical Strainer are widely used as sweepers for flushing pipeline debris prior to commissioning of plants & equipments. Their main functions are to remove forgotten objects such as welding electrode butts, slag, pillars, spanners nut-bolts etc. these strainers protect screen of Y and Basket strainers, cartridge of micro fine filters and other expensive piping equipments. "Flow-Tek" provides special SPACER RING to compensate the gap left by cone strainer collar when it is taken out of installation. Conical strainers as per client's design are also offered.

- **Collar Thickness** : 3mm
- **Perforated Cone** : 1.6mm Thk. X 3mm Dia Hole X 5mm Δ Pitch
- **Screen Size** : 12 to 200 mesh
- **Sizes Available** : 25 NB To 600 NB
- **MOC Available** : S.S. 304 / 304 L / 316 / 316 L / Monel & Steel



Duplex Type Strainers :

The Duplex features a design that makes strainer basket servicing a no-hassle operation. The duplex keeps the chamber from overflowing during service. This gives you time to clean or replace the strainer basket without ever having to worry about leakage and overflow. And without overflow, there's no need to clean up after servicing the strainer basket.



* Please contact us for any type of customized automation in Strainer for typical applications

OTHER MFG. RANGE: Pressure Reducing Valve, Safety Relief Valve, Globe Valve, Ball Valve, Gate Valve, Plug Valve, Non Return Valve, Automatic Control Valve, Pneumatic Control Valve, Motorised Control Valve, Knife Edge Gate Valve, Flush Bottom Valve, Filter, Pressure Reducing Station, Gas Skid & All type of manual / actuator / cylinder operated valves with any type of automation.

* Please note this a condensed catalogue for a complete version please contact Flow-Tek directly.



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