



SUNGOV ENGINEERING PRIVATE LIMITED



QF Series

Quick Open Flanged Strainers

Salient Features

- Tool-free operation and easy maintenance
- Flexible design to accommodate very high flow rates
- Most minimum downtime required for cleaning
- Aesthetically pleasing exterior
- Adaptable for fine filtration upto 15 microns

Design Features

- Single piece cast construction with integral flanges
- Gross filtration area of 8 to 10 times inlet cross section area for low pressure drop
- Cover compressed screen handle for secure seating
- Drain/blow off connection & air vent connection furnished with plug as standard
- Gauge connections furnished with plug as standard
- Strainers meet ASME B16.5 & ASME B16.34 requirements
- Blow-out gasket proof design for effective gasket sealing
- Plated/coated externals for long durability

Available Materials of Construction*

- Carbon steel
- Low temperature carbon steel
- Stainless steel

End Connection

- Flat face Flanged
- Raised face Flanged
- Butt Weld

Size Range*

- 2" to 10"
- #150

Applications

- Process Industry
- Pharmaceutical Industry
- Hydraulic Fluids Industry
- Chemical Industry
- Oil and Gas Industry
- Pulp and Paper Industry
- Power Industry
- Metals and Mining Industry
- Water and Waste Management

Legend

- QFA1 - Quick Open Flanged #150 Carbon Steel Variants
- QFA2 - Quick Open Flanged #150 Stainless Steel Variants

*Consult factory for other materials of construction, sizes and classes.

Standard Parts List

Parts List	OFA1				OFA2			
Body, Bracket & Cover	ASTM A216 Gr. WCB	ASTM A216 Gr. WCC	ASTM A352 Gr. LCB	ASTM A352 Gr. LCC	ASTM A351 Gr. CF8	ASTM A351 Gr. CF8M	ASTM A351 Gr. CF3	ASTM A352 Gr. CF3M
Screen & Mesh [^]	AISI 304		AISI 316		AISI 304	AISI 316	AISI 304L	AISI 316L
Drain, Vent & Gauge Plug	ASTM A105		AISI 316		AISI 304	AISI 316	AISI 304L	AISI 316L
Fasteners	ASTM A193 Gr. B7M/ A 194 Gr.2HM		ASTM A320 Gr.L7M/ A 194 Gr.7M		ASTM A193 Gr. B8MA/A194 Gr.8MA			
Other Internals	AISI 304		AISI 316		AISI 304	AISI 316	AISI 304L	AISI 316L
Other Externals	Chromium Plated or Blackened Carbon Steel							
O Ring	Viton				Teflon			

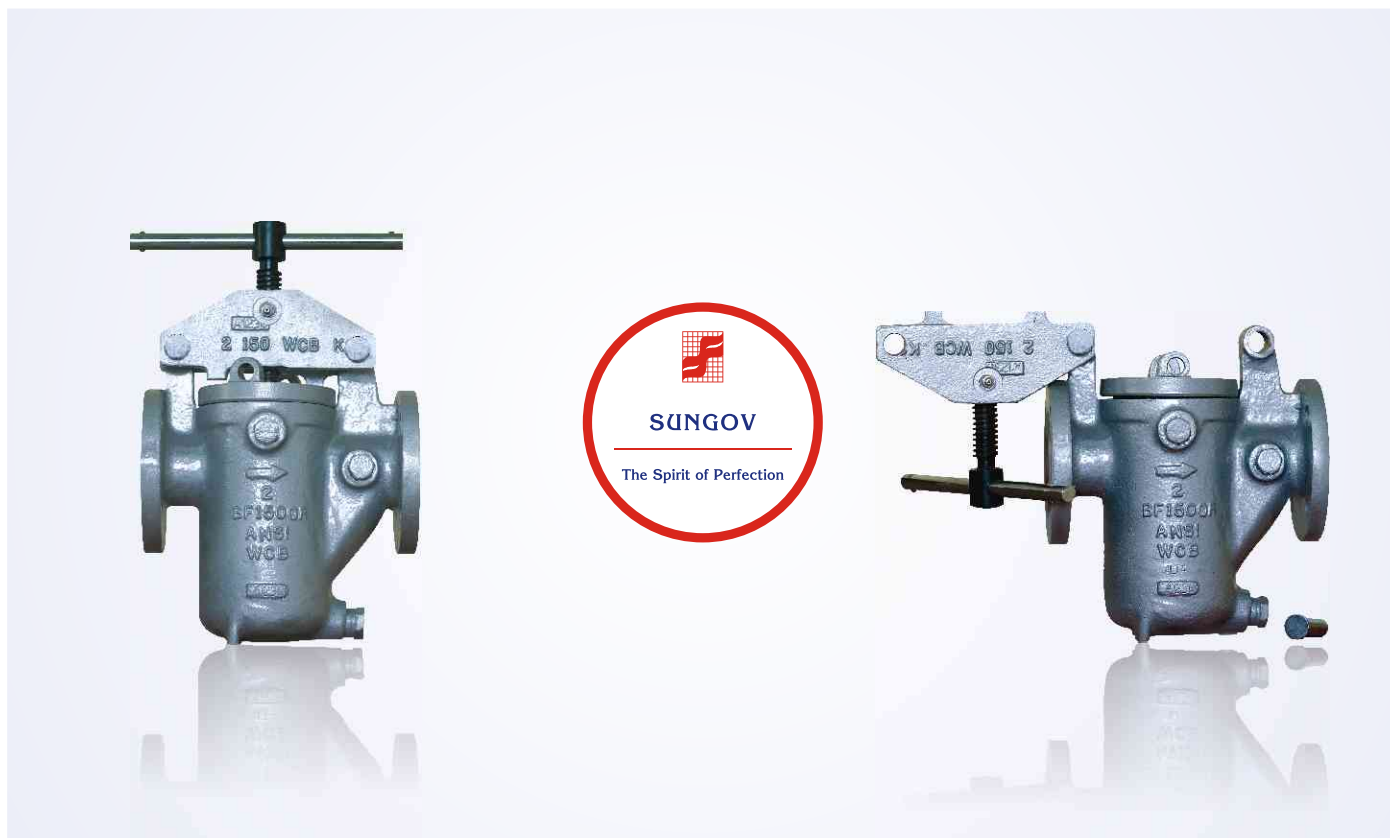
Notes:

1. The list is indicative of our standard offerings. It is subject to change
2. Material combinations other than mentioned above can also be offered. Consult factory

Optional Accessories and Spares

1. Differential pressure indicator/inlet and outlet pressure gauges to indicate clogged screen (time for cleaning)
3. Spare screens, gaskets, and fasteners to reduce process downtime

[^]Mesh Size is based on customer's requirement





How to Order - General

1 Size of Strainer	2 Type of Strainer	3 End Connection	4 ASME Pressure Rating	5 Material of Construction	6 Special / Other
<ul style="list-style-type: none"> • 1/4" & larger 	<ul style="list-style-type: none"> • Y - Type • Basket Type • Tee Type • Wafer Type • Temporary • Duplex Basket Type 	<ul style="list-style-type: none"> • Raised Face • Flat Face • RTJ (Ring Joint) • NPT Screwed • Socket Weld • Butt Weld • Wafer Flat Face 	<ul style="list-style-type: none"> • #125 • #150 • #300 • #600 • #900 • #1500 • #2500 	<ul style="list-style-type: none"> • Carbon Steel • Low temp Carbon Steel • Stainless Steel • Other Alloy Steel 	<ul style="list-style-type: none"> • Nace Compliance • Special N.D.E. • PED 97/23/EC (CE Mark) Compliance • Other Special

How to Order - Custom

Designing a strainer to suit your requirement is our foremost priority. Help us serve you better by providing us with the following details:

PHOTOCOPY THIS PAGE, FILL IT UP AND SEND IT TO US FOR YOUR REQUIREMENT

Description	Value
Size of Strainer Required	
Type of Strainer Required	
End Connection Required	
ASME Pressure Rating Required	
Fluid Viscosity	
Fluid Specific Gravity	
Design Pressure	
Design Temperature	
Design Fluid Flow Rate	
Desired Pressure Drop (Clean)	
Desired Pressure Drop (50% Clogged)	
Desired Material of Construction	
Desired Filtration Level (Mesh Size)	
Desired NDT (RT, LPT, MT, PAMI)	
Special Code/Standard Compliance (if any)	
Clearance Limitations (if any)	
Other Inspection/Testing Services (if any)	
Other Remarks (if any)	



SUNGOV ENGINEERING PRIVATE LIMITED

Regd Off: 160, Baba Nagar, Villivakkam, Chennai - 600 049. India
 Fax: 91-44-2650 1408, Tel: 91-44-2650 1404/2650 1536
 Works: K27, Ambattur Industrial Estate, Chennai - 600 058. India
 Tel: 91-44-2635 9940/2624 8230. E-mail: sungov@vsnl.com
 Website: www.sungov.com

