

FLOW VALVES

MODEL-307

STRAINER “Y” Pattern



- The **Flow 307** Strainer is designed to remove foreign matter like Metal leftovers, sticks and stones from the pipe lines.
- The **Flow 307** Strainer is installed to protect system appliances such as: pumps, heat exchangers, air conditioner chillers and valves.
- The **Flow 307** Strainer has a blow-off port for removing entrapped debris at its bottom.
- The **Flow 307** Strainer features large trap capacity, low pressure loss and ease of both cleaning and handling.

HVAC Systems

Specifications

Strainer pattern: "Y" type

Sizes: 2" to 18" (50 to 450 mm)

End connections:

2" to 18" flanged cast iron:

Standards ISO: 16

ANSI: 125/250

BS 10: D

Max. operating pressure:

C.I. Body 16 kg/cm²

D.I. Body 25 kg/cm²

C.S. Body 40 kg/cm²

Temperature:

water up to 80° C (180°F)

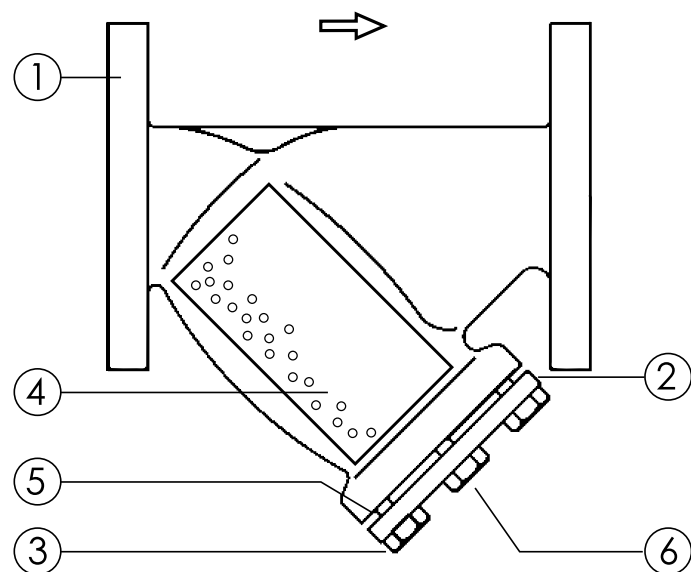
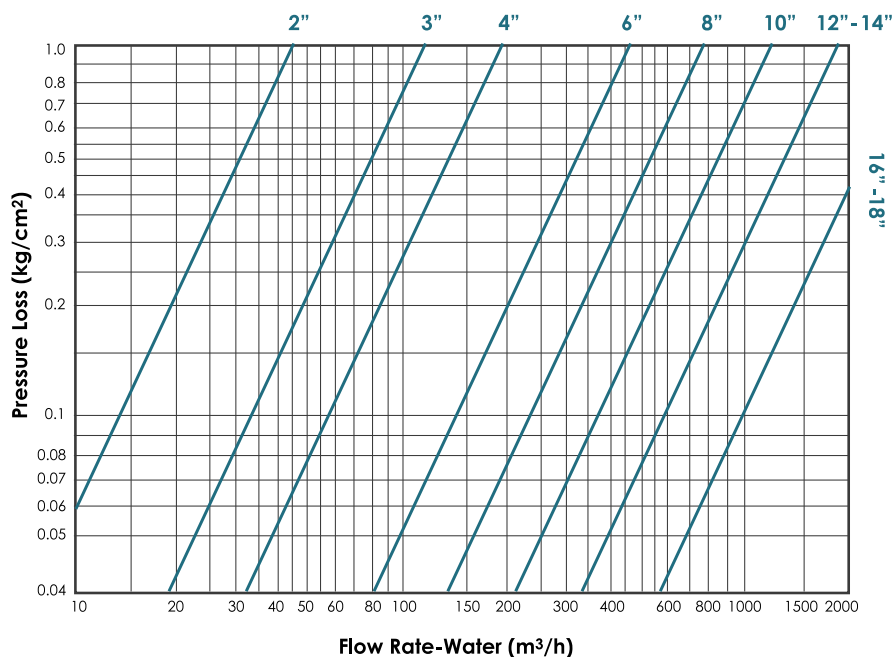
Standard Baskets

Perlorated Stainless Steel 304

Strainer Size	2"-12"	14"-18"
Hole Dia. (mm)	3.0	5.0

Other screens available

Flow Chart



Parts and Materials List

1 Strainer Body	Cast iron
2 Strainer Cover	Cast iron
3 Nuts & Bolts	Galvanized steel
4 Basket	Stainless Steel
5 Body O-ring	Buna N
6 Blow-off plug	Galvanized steel

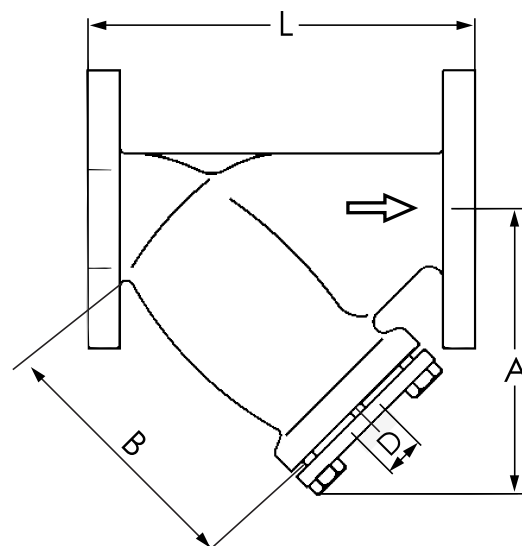
Blow-off Port Plug Sizes

Strainer Size	2"-12"	14"-18"
Blow-off Port	1 1/2"	2"

Other materials and coatings available

307 Dimensions and Weights

Size		Size in mm				Weight (Kg)
inch	mm	A	B	L	D	
3	80	192	170	280	1 1/2" (38.1)	18
4	100	235	170	300	1 1/2" (38.1)	23
6	150	287	207	390	1 1/2" (38.1)	49
8	200	385	210	455	1 1/2" (38.1)	72
10	250	415	230	730	1 1/2" (38.1)	160
12	300	500	280	850	1 1/2" (38.1)	225



307 Benefits

"Y" type flanged strainer. working pressure 16-40 atm.

Body: Cast Iron GG25, D.I. GGG50, W.C.B, Epoxy coated for corrosive durability.

304 Stainless steel screen 80 mesh.

Test pressure 24, 50, 65 atm. according to the body material standard.

Through holes on body and cover for bolts and nuts, for easy maintenance.

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