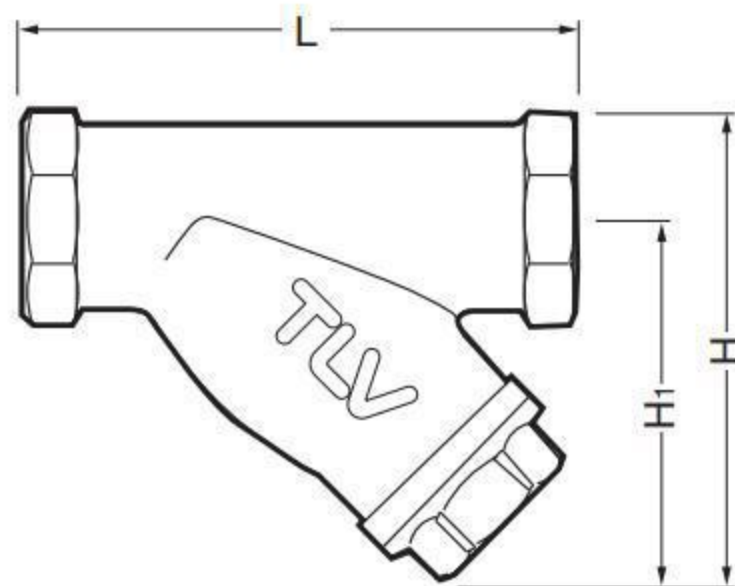
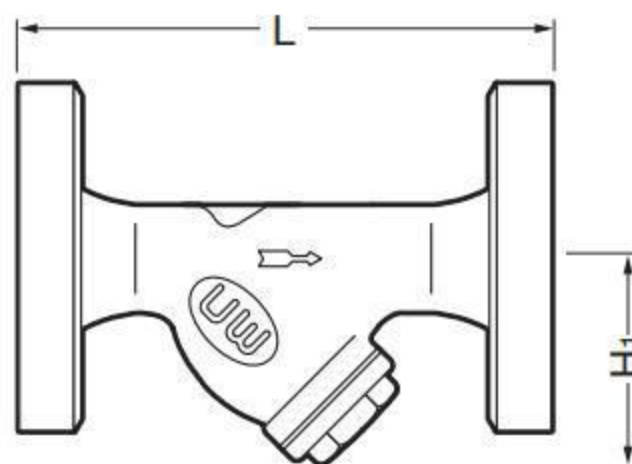


Dimensions

Y3 Screwed



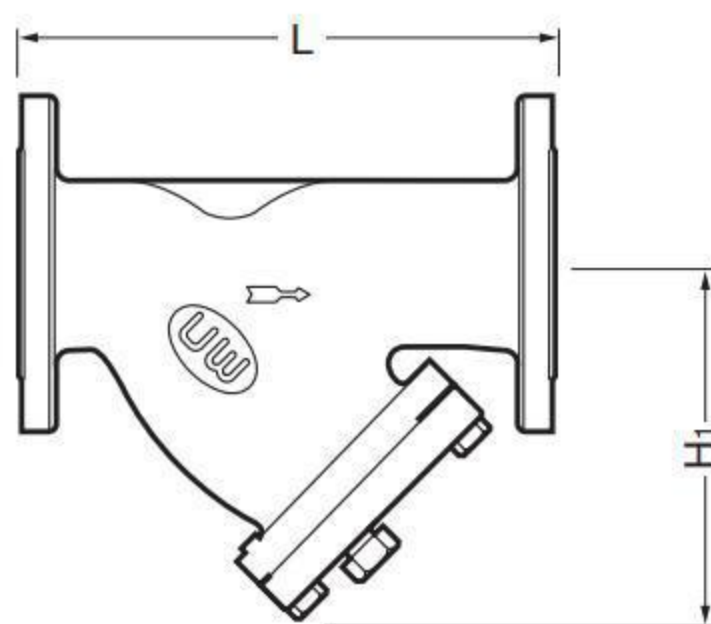
YF Flanged



15 - 50 mm

Configuration of YF, sizes 65 - 350 mm differs slightly

YDF Flanged



15 - 100 mm

Configuration of YDF, sizes 125 - 250 mm differs slightly

Manufacturers:

Y3: TLV CO., LTD.

YF: WASINO KIKI CO., LTD.

YDF: WASINO KIKI CO., LTD.

Y3 Screwed*

(mm)

Size	L	H	H ₁	Weight (kg)
15	78	66	51	0.3
20	93	78	61	0.4
25	108	92	71	0.6
32	128	108	82	1.0
40	143	122	93	1.2
50	173	154	119	2.1

* Rc(PT), other standards available

YF Flanged

(mm)

Size	L	H ₁	Weight (kg)
	ASME Class		
	150RF		
(15)	125	70	1.7
(20)	140	75	2.2
25	160	85	3.1
32	180	105	4.5
40	190	110	6.0
50	220	130	9.0
65	270	180	17
80	290	200	19
100	350	240	30
125	390	260	39
150	440	320	59
200	540	380	105
250	680	480	165
300	840	600	270
350	1000	800	542

() No ASME standard exists for cast iron; machined to fit steel flanges
Other standards available, but length and weight may vary

YDF Flanged

(mm)

Size	L	H ₁	Weight (kg)
	ASME Class		
	150RF		
(15)	160	100	3.0
(20)			3.5
25	190	110	5.5
32	240	155	10
40			
50	250	170	13
65	300	190	19
80	320	215	24
100	380	245	32
125	480	315	60
150	550	380	90
200	620	450	150
250	760	550	250

() No ASME standard for ductile cast iron; machined to fit steel flanges
Other standards available, but length and weight may vary

ISO 9001/ISO 14001





Y-STRAINER

MODELS Y3/YF/YDF

Y-SHAPED STRAINERS WITH SCREWED OR FLANGED CONNECTIONS

Features

Y-shaped strainers for steam, air and water protect equipment from dirt, rust or scale in the pipeline.

1. Simple yet rugged construction ensures long service life.
2. Double-layer stainless steel screen with large surface area ensures trouble-free operation.
3. Designed for easy inline cleaning and maintenance.
4. Model Y3 made entirely of stainless steel.



Specifications

Model		Y3	YF	YDF
Body Material		Stainless Steel	Cast Iron	Ductile Cast Iron
Connection		Screwed	Flanged	Flanged
Size (mm)		15 - 50	15 - 350	15 - 250
Maximum Operating Pressure (MPaG)	PMO	2.1	0.98	0.98**
Maximum Operating Temperature (°C)	TMO	220	200	250
Standard Screen Mesh Size		60	40	40
Applicable Fluids*		Steam, Air, Water		

* Do not use for toxic, flammable or otherwise hazardous fluids.

1 MPa = 10.197 kg/cm²

PRESSURE SHELL DESIGN CONDITIONS (NOT OPERATING CONDITIONS):

Maximum Allowable Pressure (MPaG) PMA: 2.1 (Y3), 0.98 (YF), 0.98** (YDF) ** 1.96 MPaG available only with JIS 20K RF flange

Maximum Allowable Temperature (°C) TMA: 220 (Y3), 200 (YF), 250 (YDF)



To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

Y3

No.	Description	Material	JIS	ASTM/AISI*
①	Body	Cast Stainless Steel	—	A351 Gr.CF8
②	Screen Holder (Cap)	Cast Stainless Steel	—	A351 Gr.CF8
③	Screen inside/outside	Stainless Steel	SUS304	AISI304
④	Cap Gasket	Fluorine Resin	PTFE	PTFE

* Equivalent

YF

No.	Description	Material	JIS	ASTM/AISI*
①	Body	Cast Iron	FC200	A48 Cl.30
②	Screen Holder (Cap) (15 - 25 mm)	Ductile Cast Iron	FCD450	A536 Gr.65-45-12
	Screen Holder (Cover) (32 - 350 mm)	Cast Iron	FC200	A48 Cl.30
③	Screen inside and outside	Stainless Steel	SUS304	AISI304
④	Cap or Cover Gasket	Inorganic NA Fibre	—	—
⑤	Cover Bolt (65 - 350 mm)	Carbon Steel	SS400	A307 Gr.B
⑥	Drain Plug (65 - 350 mm)	Malleable Cast Iron	FCMB270	A47 Gr.32510

* Equivalent

YDF

No.	Description	Material	JIS	ASTM/AISI*
①	Body	Ductile Cast Iron	FCD450	A536 Gr.65-45-12
②	Screen Holder (Cover)	15 - 50 mm Carbon Steel	S25C	AISI1025
		65 - 250 mm Cast Steel	SCPH2	A261 Gr.WCB
③	Screen inside and outside	Stainless Steel	SUS304	AISI304
④	Cover Gasket	Inorganic NA Fibre	—	—
⑤	Cover Bolt	Carbon Steel	S45C	AISI1045
⑥	Cover Nut (125 - 250 mm)	Carbon Steel	S25C	AISI1025
⑦	Drain Plug	Carbon Steel	S25C	AISI1025

* Equivalent

