

U-Type strainer mainly for liquids. Since the net can be removed from the top, there will be no overflowing of liquid when dismantling. Ideal to use for automatic valve for liquids. KU-1CN Type has rust-free nylon coating.

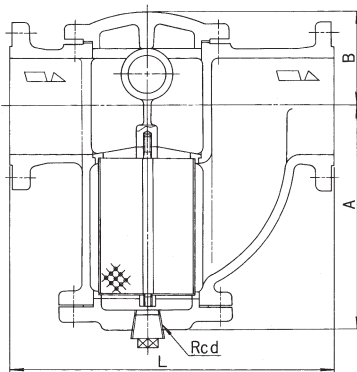


KU-1 Type



KU-1CN Type

CONSTRUCTION



Depending on size, the structure may vary.

SPECIFICATIONS

Type	Standard		Nylon coating	
Model name	KU-1		KU-1CN	
Code name	KU1-G2	KU1-G	KU1CN-G2	KU1CN-G
Size	25~250(1″~10″)		25~125(1″~5″)	
Applicable fluid	Water, oils & air*2		Water & hot water	
Fluid temperature	Max. 90℃*2		5~60℃	
Applicable pressure	Max. 1.0MPa			
End connection	Flanged JIS 10KRF			
Materials	Body & Cover(Cast iron), Net(Stainless steel), Net case(Cast bronze)			
Mesh**	60 Mesh	40, 80 or 100 Mesh	60 Mesh	40, 80 or 100 Mesh
Allowed pressure differential	Max.0.1MPa*3			
Pressure test	Hydraulic 1.75MPa			
Painting or coating for Body	Interior:Rust proof oil		Body and cover:Nylon 11 coating inside and outside valve	

*1. Punched plate without lining is available upon your request. (Size 25~40mm:Φ1.3×P2.5, size 50~250mm:Φ2.5×P4)

*2. Products for steam (fluid temperature Max. 184°C) are also available.

*3. The net may be damaged if pressure differential exceeds 0.1 MPa. Clean the net so that pressure differential is lower than 0.1 MPa.

*4. KU-1PN Type size(50~125mm) body interior & exterior with epoxy resin paint is available upon your request.

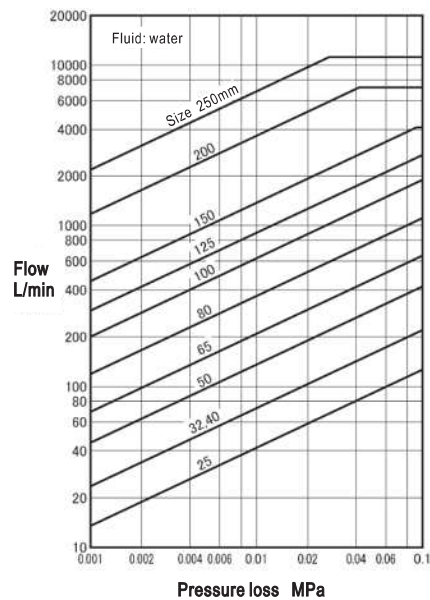
DIMENSIONS

(mm)

Size	L	A	B	d	Mass(kg)
25(1")	185	110	55	½"	6.5
32(1¼")	210	119	58	½"	9.5
40(1½")	210	119	58	½"	10
50(2")	230	140	68	½"	12
65(2½")	270	160	87	1"	20
80(3")	300	197	92	1"	24
100(4")	385	245	110	1"	50
125(5")	425	325	128	1½"	75
150(6")	520	385	152	1½"	97
200(8")	696	556	204	2"	292
250(10")	850	786	238	3"	540

Flange code JIS 10KRF

PRESSURE LOSS CHART (60-mesh)



Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed below.

MULTIPLIER LIST

Mesh	Multiplier
40	0.95
80	1.05
100	1.1

* Refer to Page 193 for mesh data.

Cautions for Installation and Handling

Apply thermal insulation on KU-1CN Type if the temperature difference between the product and the ambient environment is larger than 40°C.