

Introduction:

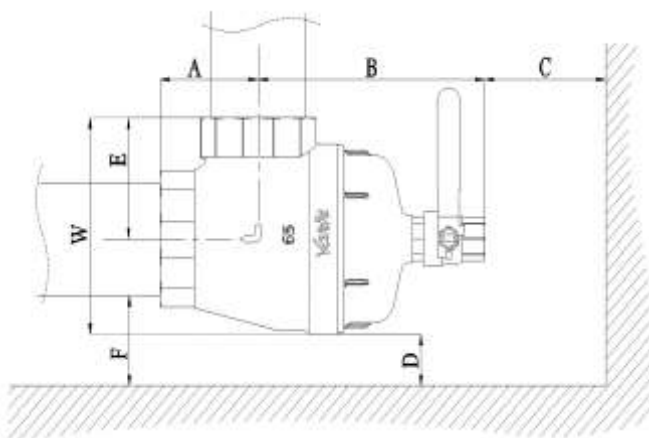
The Strainer / Filter is a commonly used product installed in pipelines in Residential / Commercial / Industrial Applications to block all types of dirt and suspended particles.

What is unique with the Varie LS1 Easy Clean Strainers is that it not only comes with a transparent filter cap and an easy to flush feature which helps to remove the dirt easily without opening the strainer, But also has the lowest pressure drop amongst any other strainer in the World.

The Bronze body option (LS1-G)ensures higher life. The C.I body (LS1-C) with corrosion resistant food grade coating on inside as well as outside proves to be a big cost saver especially in higher sizes.

Dimensions

LS1								
Size	Dimensions (mm)							Weight
	W	A	B	C	D	E	F	W _r (gm)
40								
50	113	59	176	90	15	63	35	1480
65	134	72	165	90	15	75	75	2185
80	151	77.5	206	90	15	85	37	2500



*C – Clearance required for cap removal in case of maintenance.

Salient Features:

- Filters out particles as small as 200 microns (400 micron is standard)
- Filter Mesh is of SS316 and comes in different of 200, 400 & 800 micron. (See specification table)
- Flushes out dirt particles at mere turn of a knob eliminating cost of plumber/ technician for routine cleaning.
- See - through transparent filter cap gives visual indication of when it is time-up for cleaning the filter.
- Allows online cleaning. No need to shut off the water supply during cleaning.
- Larger Body with the Elbow design “LS1” has the lowest flow restriction (3%) amongst any strainer in the world and since it replaces the Elbow Joint it has virtually no additional pressure drop.
- Options of body are Bronze (G.M) and C.I with corrosion resistant powder coating inside and outside to prevent rusting. (See specification table)

Specifications

LS1		
Design of Construction	Elbow design	
Variants	LS1-C	LS1-G
Sizes (mm)	40 ,50, 65, 80	
Body Material	C.I with coating (in & out)	G.M/ Bronze
Filter Mesh	SS – 316 of 400 microns	
End Connection	Screwed BSP	
Max Pressure	DN 10 (Pressures upto 25 bar on request)	
Max Temperature	45° C with transparent Filter Cap 90° C for hot water applications on request.	
Warranty # Years	3	10

Warranty does not cover cleaning of filters.

* Other options of filter mesh are 200,800 microns on request.