



## ESLC-10 & ESLC-20 Cartridge Filter-Strainer

The ESLC Cartridge-Strainer Housing is suitable for low flow rates.

With a single die-casted top piece design, the ESLC in-line filter can be easily connected to the pipeline directly.

The filter element can be replaced by only removing the bottom housing, featuring simple maintenance with no leakage.

- A drain valve is located at the bottom for liquid discharge.
- Operating pressure up to 21 bar enables use in wide range of applications.
- In-line inlet and outlet connections for easy installation
- Quick-opening design with rugged cast clamp for fast filter change-outs
- Stainless steel for durable and corrosion resistance

### Documentation Available

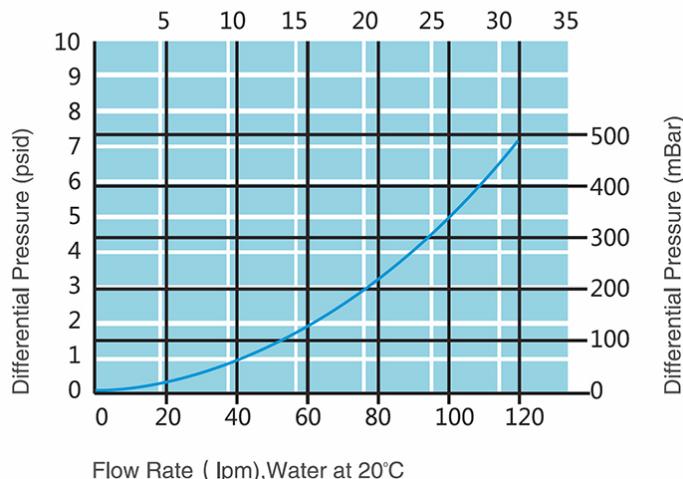
- Pressure Test Report
- Quality Certificate
- As Built Drawing

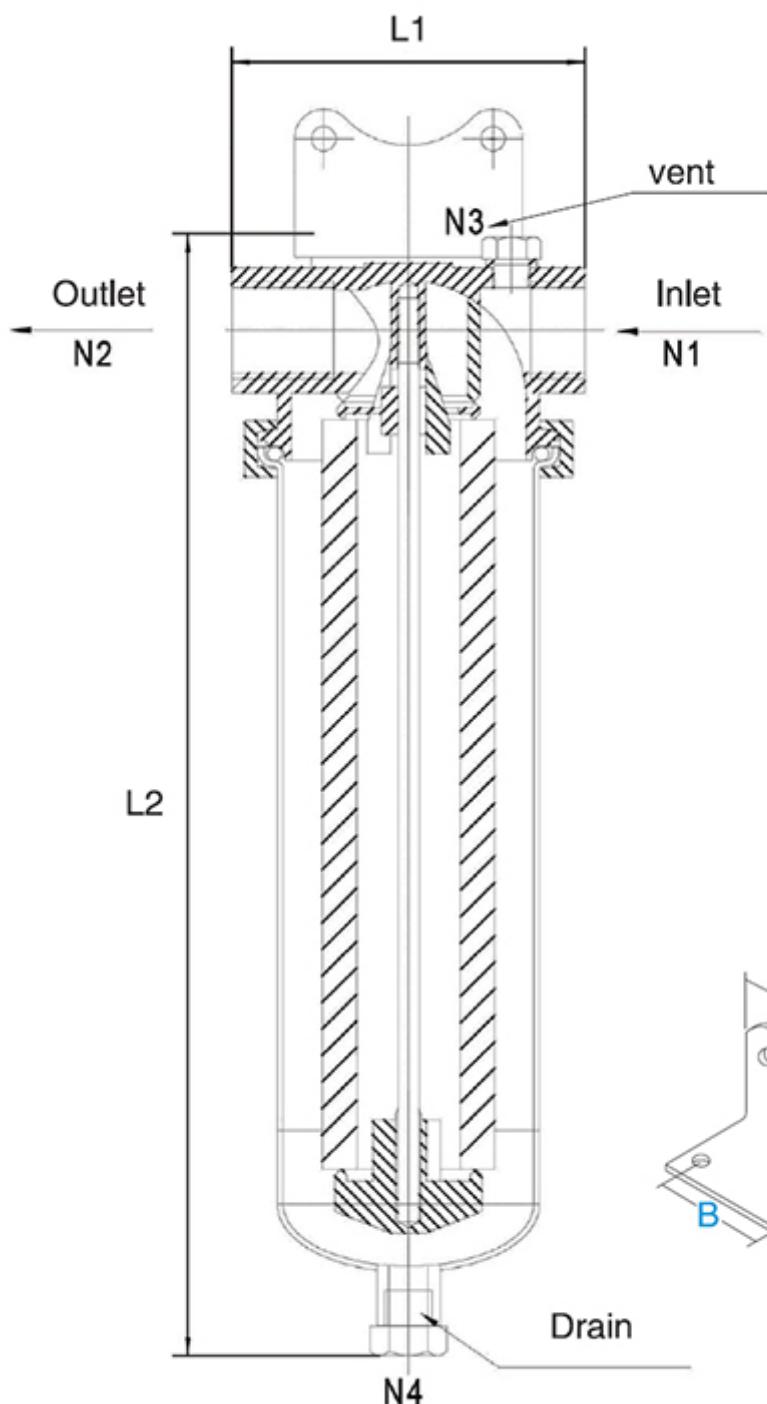
Strainer and filter cartridges are sold separately

### Specifications

Design Pressure	21 bar
Material	304 or 316L
Connections	Inlet/Outlet 1" BSP Vent:1/4" BSP Drain: 1/4" BSP
Seals	Buna N or Viton

Housing Differential Pressure vs. Liquid Flow Rate  
Flow Rate ( lpm)



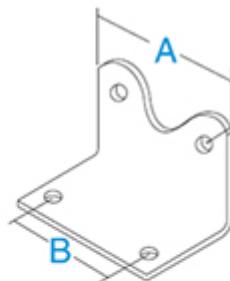


## Cartridge Connection

Double Open End



## Mounting Bracket



C

A (mm)	B (mm)	C (mm)
78	42	Φ8

Model	Cartridge Length	L1 (mm)	L2 (mm)	Approx Weight
ESLC-10	10"	122	380	4.75 kg
ESLC-20	20"	122	634	6 kg



## Perforated Screen only

Code Example:

CART

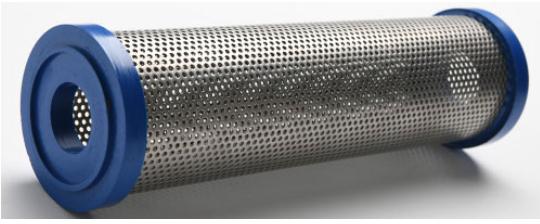
10

-

A

- 0500-304

- V

Product	Length	- End cap	- Screen	- Seals
CART	10 20	A = Polyethylene ends AS = 316 Stainless ends	<b>304 Perforated Screen Options</b> 0500-304 = 0.5mm perforations 0800-304 = 0.8mm perforations 1000-304 = 1.0mm perforations 1500-304 = 1.5mm perforations 2000-304 = 2mm perforations 3000-304 = 3mm perforations 4000-304 = 4mm perforations 5000-304 = 5mm perforations	V = Viton E = EPDM
				
<b>316 Perforated Screen Options</b> 0800-316 = 0.8mm perforations 1100-316 = 1.1mm perforations 1500-316 = 1.5mm perforations 2000-316 = 2mm perforations 3000-316 = 3mm perforations 4000-316 = 4mm perforations 5000-316 = 5mm perforations				

## Perforated Support with Mesh Layer

Code Example:

CART

10

-

A

50

-

0810-316

- V

Product	Length	- End cap	Support layer	- Screen	- Seals
CART	10 20	A = Polyethylene ends AS = 316 Stainless ends	50 = 3mm perforations, 316 S/S (Material has 50% open area)  63 = 5mm perforations, 304 S/S (Material has 63% open area)	<b>Woven Wire mesh Option</b> 0810-316 = 810 Micron 0530-316 = 530 Micron 0415-316 = 415 Micron 0310-316 = 310 Micron 0260-316 = 260 Micron 0210-316 = 210 Micron 0190-316 = 190 Micron 0150-316 = 150 Micron 0130-316 = 130 Micron 0100-316 = 100 Micron 0080-316 = 80 Micron	V = Viton E = EPDM
					
<b>Hollander Weave Option</b> 5/14 = 5µ Nominal, 14µ Absolute 10/18 = 10µ Nominal, 18µ Absolute 15/26 = 15µ Nominal, 26µ Absolute 25/38 = 25µ Nominal, 38µ Absolute 35/45 = 35µ Nominal, 45µ Absolute					

Polypropylene Melt-Blown Cartridges and String Wound Cartridges in 10" and 20" are also available.