

WESTCO FILTERS

Liquid Filter Solutions since 1982

LD Series Plastic Cartridge Housings

- Large capacity housing suitable for high flow applications
- 10" and 20" lengths available
- Pressure relief valve on inlet side of cap
- Accepts 4 1/2" diameter cartridges

Westco's LD Series cartridge filter housings offer the capability to meet all of your large capacity filtration requirements including high flow and heavy sediment applications. The extra large housing allows for greater cartridge capacity reducing the number of vessels required for high flow rate applications. Sumps are constructed of durable reinforced polypropylene and are available in both 10" and 20" lengths.

LD Series housings are available with caps with 3/4", 1" and 1 1/2" NPT inlet and outlet ports. The 1 1/4" internal port allows a higher volume of liquid to pass through the cap rapidly.

LD Series housings offer compatibility with a wide range of chemicals and are available with or without a pressure relief valve. All large capacity housings accept a variety of 4 1/2" diameter cartridges in several different materials.

Applications

- De-ionized Water
- Process Water
- Food & Beverage
- R.O. Prefilter
- Fine Chemicals
- Plating Chemicals

Housing Specifications and Performance Data

Model	Dimensions	Initial ΔP(psi) @ Flow Rate (gpm)
10" LD10-3/4	13 1/8" x 7 1/4"	2 psi @ 15 gpm
10" LD10-1	13 1/8" x 7 1/4"	1 psi @ 15 gpm
10" LD10-1-1/2	13 5/8" x 7 1/4"	1 psi @ 20 gpm
20" LD20-3/4	23 1/8" x 7 1/4"	2 psi @ 15 gpm
20" LD20-1	23 3/8" x 7 1/4"	1 psi @ 15 gpm
20" LD20-1-1/2	23 7/8" x 7 1/4"	1 psi @ 20 gpm

Materials of Construction

Housing	Polypropylene
Cap	Polypropylene (HFPP)
Relief Valve Assembly	300-Series Stainless Steel; EPDM; Polypropylene
O-Ring	Buna-N
Maximum Temperature	100° F (37.8° C)
Maximum Pressure	10" Big Blue® = 100 psi (6.9 bar) 20" Big Blue® = 90 psi (6.2 bar)

