

RLD Duplex Filter

Introduction

The RLD duplex filter is designed for applications where continuous filtration is required. The design features an integrated equalization valve. Pressure is equalized between filters by raising the change-over lever prior to switching it to the relevant filter side. It allows instantaneous switch of flow from one filter to the other, so element change out can be performed with virtually no service interruption.

Features and Benefits

- Lightweight duplex filter constructed of aluminum
- High chromium content aluminum alloy is water tolerant – anodization is not required for high water-based fluids (HWBF)
- Filter housings are designed to withstand pressure surges as well as high static pressure loads
- Screw-in bowl allows the filter element to be easily removed for replacement or cleaning
- Standard model supplied with upstream and downstream pressure ports and drain plugs
- Standard Viton® seal on filter housing
- Offers elements with synthetic media or metal mesh media



Model No. of filter in photograph is RLD25DNZ6S24DW.

Technical Specifications

Flow Rating:	Up to 100 gpm (380 L/min) for 150 SUS (32 cSt) fluids
Max. Operating Pressure:	350 psi (24 bar)
Min. Yield Pressure:	Contact factory
Rated Fatigue Pressure:	350 psi (24 bar)
Temp. Range:	-22°F to 250°F (-30°C to 121°C)
Bypass Setting:	Standard: 102 psi (7 bar) Optional: 43 psi (3.0 bar)
Porting Head/Cap:	Aluminum
Element Case:	Aluminum
Weight of RLD-25DN:	26 lbs. (11.8 kg)
Weight of RLD-40DN:	29 lbs. (13.0 kg)
Element Change Clearance:	25DN: 3.5" (89 mm) 40DN: 3.5" (89 mm)

Applications

- Industrial
- Automotive Manufacturing
- Machine Tool
- Paper Industry
- Steel Making
- Power Generation
- Marine Applications

Schroeder
INDUSTRIES

580 West Park Road | Leetsdale, PA 15056
ph. 724.318.1100 | fax 724.318.1200

www.schroederindustries.com