Ultraire
Oil Removing Redimount Filter
G½ to G1
Olympian

- **Olympian plug-in design**
- **Oil removal to within BS 4275 (1974)†**
- **Provide two stage filtration. Main coalescing filter element removes sub-micron particles and converts oil and water mist to liquid form to drain away. Activated carbon pack in second stage acts as an adsorbent to assist in the removal of some hydro-carbon gases and any oil carry-over from previous stage**
- **Ultra high efficiency, suitable for instrumentation, paint spraying, food handling and similar demanding applications**
- **Oil and dirt contamination in outlet air within ISO 8573.1 Quality Class 1.7.1**

†These units will not remove carbon monoxide, carbon dioxide or other toxic gases or fumes.

Technical Data

Medium:
Compressed air only

Maximum Pressure:
16 bar

Operating Temperature:
–20°C* to +65°C

*Consult our Technical Service for use below +2°C

Particle Removal:
0,01 mm

Maximum Remaining Oil Content:
0,003 ppm (0,003 mg/m³) at +21°C

Maximum Flow† with 6,3 bar inlet pressure:
25 dm³/s G½ (Small element CDS15)
35 dm³/s G¾ (Large element CDS25)
60 dm³/s G1 (Large element CDS25)

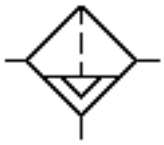
†To maintain stated oil removal performance

Port Sizes

G½, G¾, G1 to ISO 1179
Accepts ISO 228 (BS 2779) parallel or ISO 7 (BS 21) taper connectors

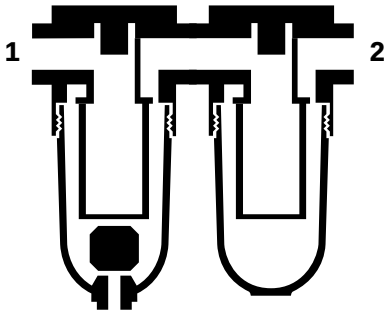
Alternative Models

Other port thread forms



Materials

Aluminium alloy bowls and bodies. Synthetic rubber elastomeric materials. Composite materials for main filter element and activated carbon pack.



Ordering Information

To order a standard Ultraire Redimount Filter, quote model number from table overleaf.

For non-standard models please consult our Technical Service.

It is recommended that an appropriate pre-filter be fitted upstream of these units to remove coarse contaminants.

For your local Norgren Technical Sales Centre phone 0345 662266. For your local Norgren Distributor phone 0345 227777.
IMI Norgren Limited, PO Box 22, Eastern Avenue, Lichfield, Staffordshire WS13 6SB

Typical Performance Characteristics

Flow Characteristics

INLET PRESSURE bar	MAXIMUM FLOW dm³/s		
	G 1/2 Small element CDS15	G 3/4 Large element CDS25	G1 Large element CDS25
1	10	14	24
3	17,25	24	41
5	22,25	31	53
6,3	25	35	60
7	26,25	36,7	63
9	30	42	72

Standard Ultraire Redimount Filters

Automatic Drain

Port Size	Element	First Stage	Second Stage	Model	Weight kg
G 1/2	Small CDS15	F53-015-A0GO	12-999-076	**F52-415-AAGD**	4,44
G 3/4	Large CDS25	F53-025-A0MO	12-999-077	**F52-625-AAMD**	5,05
G1	Large CDS25	F53-025-A0MO	12-999-077	**F52-825-AAMD**	5,05

Non-standard Models

For replacement first or second stages, quote appropriate reference from table above. Supplied without Unidaptors as replacement units or for the build-up of Combination Units. Please consult our Technical Service for further details.

Specify if unit is required complete with T15 Shut-Off Valve fitted upstream. For details of Shut-Off Valves, see page **8.11.**021.01.

For other options, please consult our Technical Service.

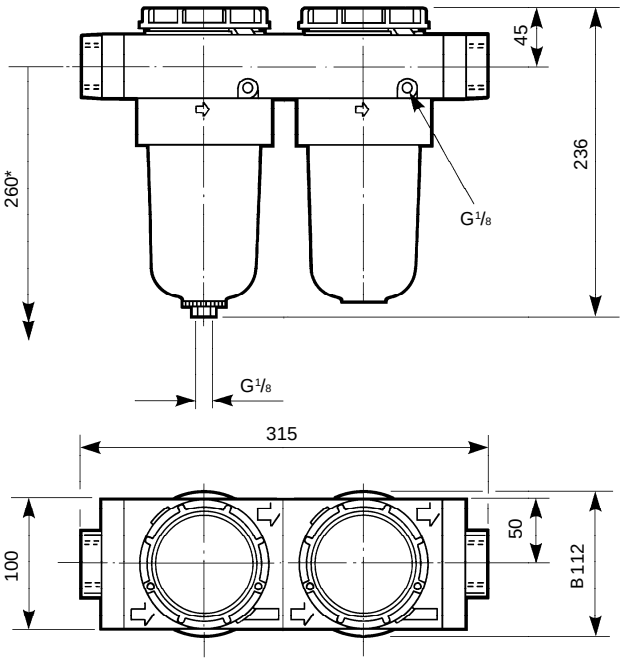
Accessories

Wall Mounting Bracket Kit, see page **8.5.**191.04.

Pressure Gauges, see page **8.11.**031.01.

Metal Bowls - G1/2

Automatic Drain

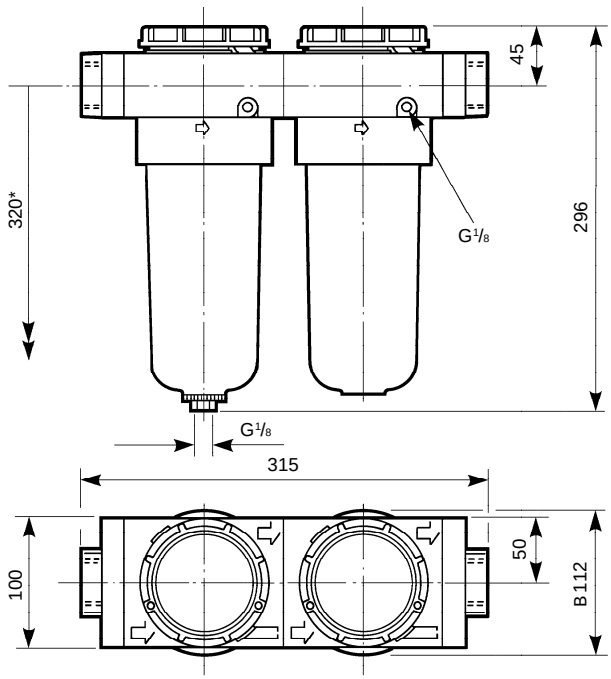


Automatic Drain
F52-415-AAGD G1/2

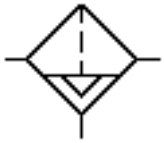
*Minimum clearance required to remove units from yoke.

Metal Bowls - G3/4 and G1

Automatic Drain



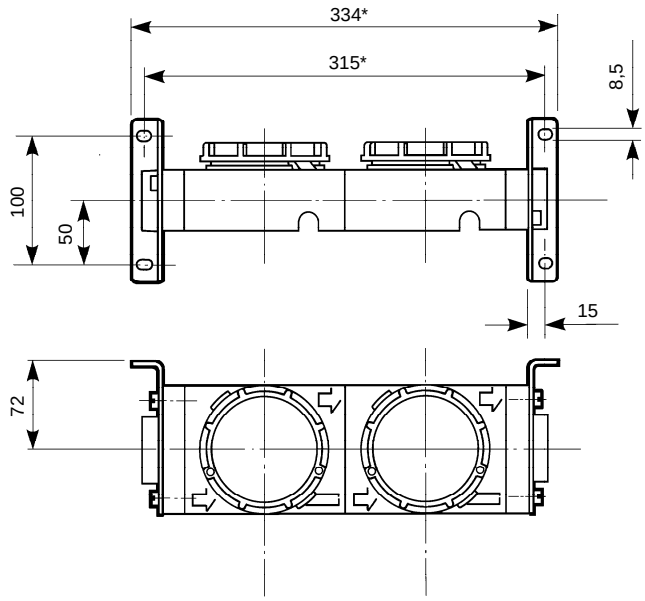
Automatic Drain
F52-625-AAMD G3/4
F52-825-AAMD G1



*Minimum clearance required to remove units from yoke.

Bracket Mounting

Bracket Kit reference:
18-001-979



*If Shut-Off Valve fitted add 46 mm to dimensions.

Spares Kits

Element	Gasket Kit	Carbon Element	Service Kit†
Small CDS15	F52-GK	665-72	F52-100
Large CDS25	F52-GK	665-70	F52-120

Automatic Drain Kit available, reference 3000-04.
†Service Kit includes Gasket Kit and both Filter Elements.

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.