- **Olympian plug-in design**
- **Coalescing element removes sub-micron particles and converts oil and water mist to liquid form to drain away**
- **Automatic Drain is operated by liquid level and also opens upon depressurisation**
- **Oil and dirt contamination in outlet air within ISO 8573.1 Quality Class 1.7.2**

Puraire
High Efficiency Redimount Filter
G½ to G1
Olympian

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 µm

Maximum Remaining Oil Content:
0,01 ppm (0,01 mg/m³) at +21˚C

Auxiliary/Gauge Ports:
G⅛

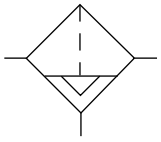
Maximum Flow† with 6,3 bar inlet pressure:
35 dm³/s G½ (Small element CDS15)
35 dm³/s G¾ (Large element CDS25)
60 dm³/s G1 (Large element CDS25)
†To maintain stated oil removal performance

Port Sizes

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

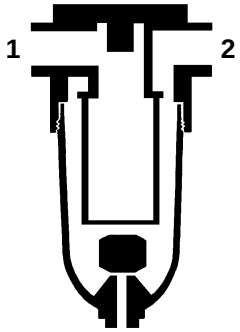
Alternative Models

Other port thread forms



Materials

Aluminium alloy bowl and body. Synthetic rubber elastomeric materials. Composite filter element materials.



Ordering Information

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

For non-standard models substitute appropriate digits as instructed.

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

Typical Performance Characteristics

Flow Characteristics

INLET PRESSURE bar	MAXIMUM FLOW dm^3/s		
	G½ Small element CDS15	G¾ Large element CDS25	G1 Large element CDS25
1	14	14	24
3	24	24	41
5	31	31	53
6,3	35	35	60
7	36,7	36,7	63
9	42	42	72

Standard Puraire Redimount Filters

Automatic Drain

Type	Port Size	Element	Model	Weight kg
Metal bowl	G½	Small CDS15	**F53-415-A0GD**	2,38
	G¾	Large CDS25	**F53-625-A0MD**	2,72
	G1	Large CDS25	**F53-825-A0MD**	2,66

Non-standard Models

For replacement Filters substitute '0' and 'O' at the 4th and 10th digits respectively, e.g. F53-**0**15-A0G**O**. 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.

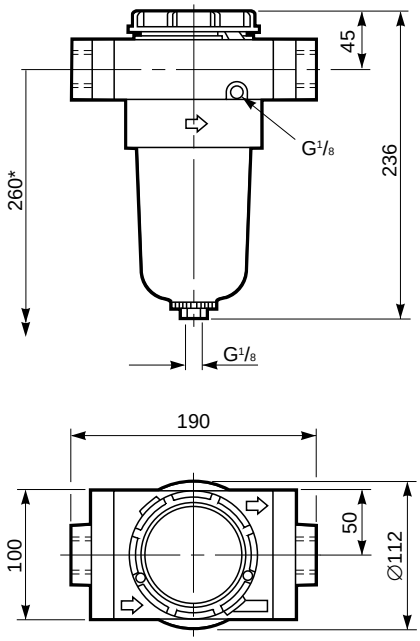
Accessories

Wall Mounting Bracket Kit, see page **8.5.**131.04.

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

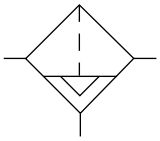
Metal Bowl - G½

Automatic Drain



Automatic Drain

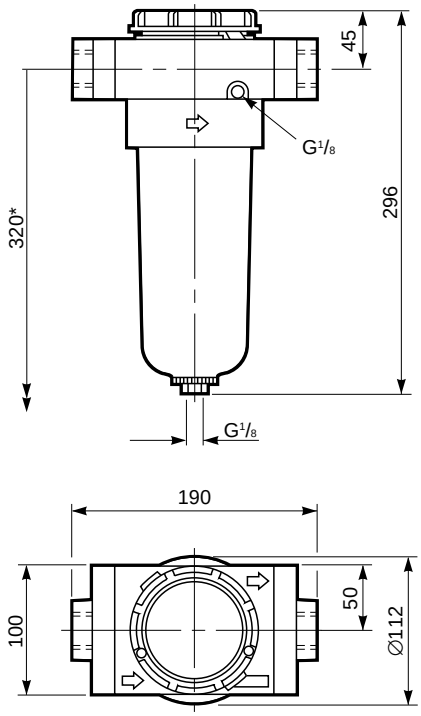
F53-415-A0GD G½



*Minimum clearance required to remove unit from yoke.

Metal Bowl - G¾ and G1

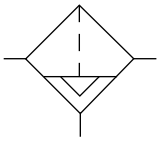
Automatic Drain



Automatic Drain

F53-625-A0MD G¾

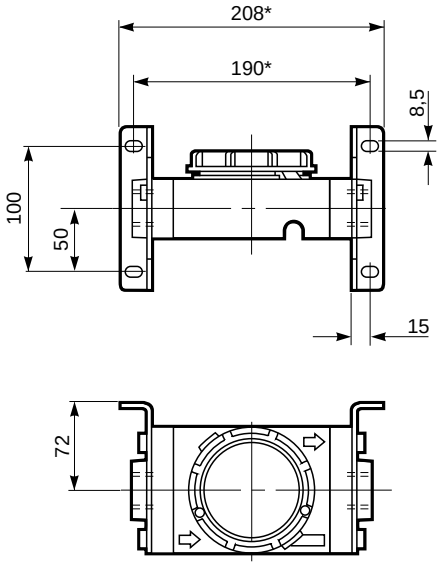
F53-825-A0MD G1



*Minimum clearance required to remove unit 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	Service Kit†
Small CDS15	F53-GK	F53-100
Large CDS25	F53-GK	F53-120

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

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 MARTONAIR.
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.