

Water separator Ultradri® AG-Z

The aluminium water separator is designed for the purification of compressed air and gases, especially for removing free floating water.

Product description:

The AG-Z water separator was designed for the purification of air and other gases in an industrial range of applications.

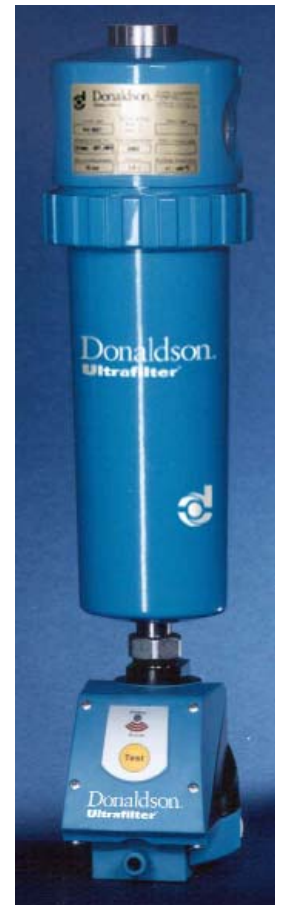
The housings made out of three parts with swirl vanes offer low differential pressures at high flow rates. The Ultradri® is available in a superplus version, where it will be supplied with an electronically controlled zero-loss drain. This product series offers 8 different housings available ranging from a volume flow of 125 to 2250 m³/h (related to 7 bar (ü)).

Features:

The conical form of the lower filter bowl is designed to eliminate aerosol carry over.

The turbulent free zone in the lower part of the filter housing prevents condensate from being carried over from the clean air out of the wet area.

The AG-Z water separator conforms to the requirements of the European directive 97/23/EG for pressure vessels.



Technical data

Materials:	
Housing	Aluminium
Screw locking ring with acoustic warning signal	Aluminium
electrical resp. electronic controlled drain	GFK and Aluminium
Sealing: O-ring	Parting compound, free made of Perbunan

Maximum operating temperature:
+ 1°C / +65°C

Surface finish:
Polyester resin coating

Connection:
1/2" bis 3" BSP

Maximum operating pressure:	
0125 - 2250	16 bar

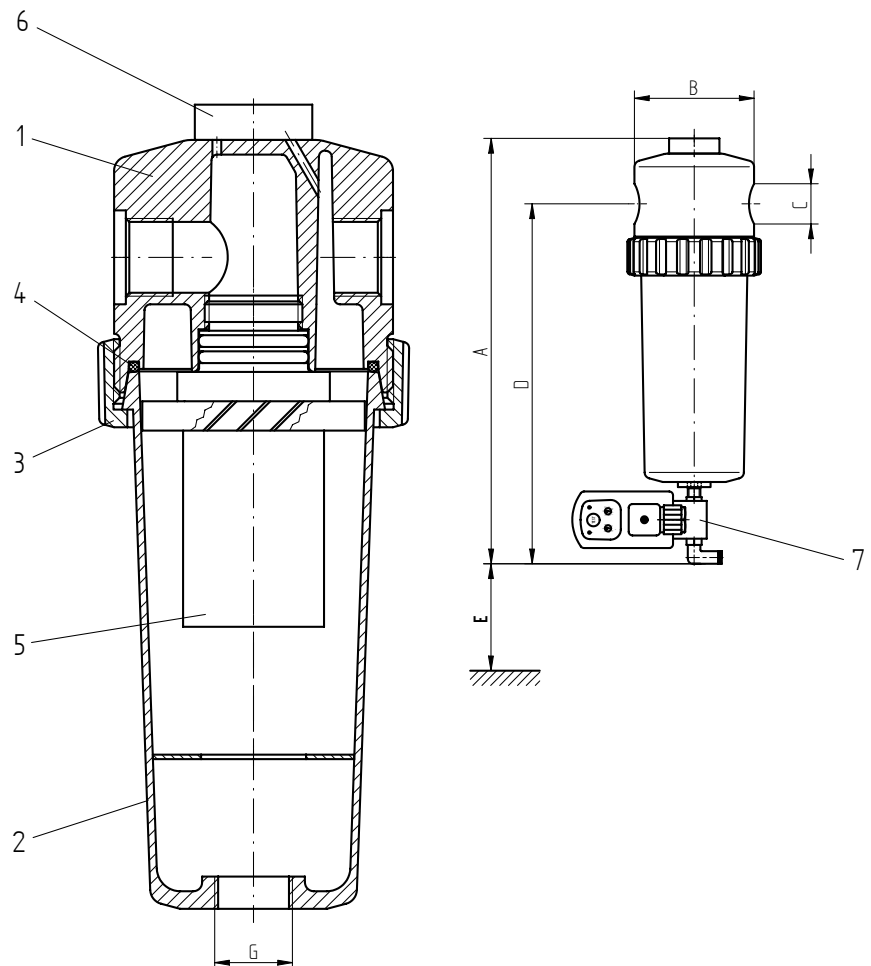
Retention rate:
99% related to 10 µm

Industrial filter AG-Z 0125-2250

Pos.	Piece	Description
7	1	screw plug
6	1	cap
5	1	centrifugal insert
4	1	housing O-ring
3	1	screw locking ring
2	1	lower housing bowl
1	1	upper housing bowl

Max. working-pressure:	16 bar
Test pressure:	22.88 bar
Max. working-temperature:	+1°C / +65°C
Material:	AG 0125 - 0550 EN AC-AISI 12 (Fe) AG 0750 - 2250 EN AC-AISI 7 Mg 0.3
Paint coat:	Polyester resin coating

Classification acc. to 97 / 23 / EG for fluids group 2	
AG-Z 0125 - 0550	Art. 3, par. 3
AG-Z 0750 - 2250	Cat. I



Housing size	Volume (l)	Weight (kg)	A mm	ø B mm	C ISO 228/1	D mm	E mm	G ISO 228/1
0125	0.5	1.4	325	80	G 1/2	265	120	G 1/2
0225	0.9	1.9	345	95	G 3/4	290	150	G 1/2
0375	1.4	2.2	420	110	G 1	355	150	G 1/2
0550	1.4	2.2	420	110	G 1 1/4	355	200	G 1/2
0750	4.5	5.5	535	150	G 1 1/2	460	200	G 1/2
1000	4.5	5.5	535	150	G 2	460	200	G 1/2
1650	7.0	9.1	645	180	G 2 1/2	560	200	G 3/4
2250	7.0	9.2	645	180	G 3	560	200	G 3/4

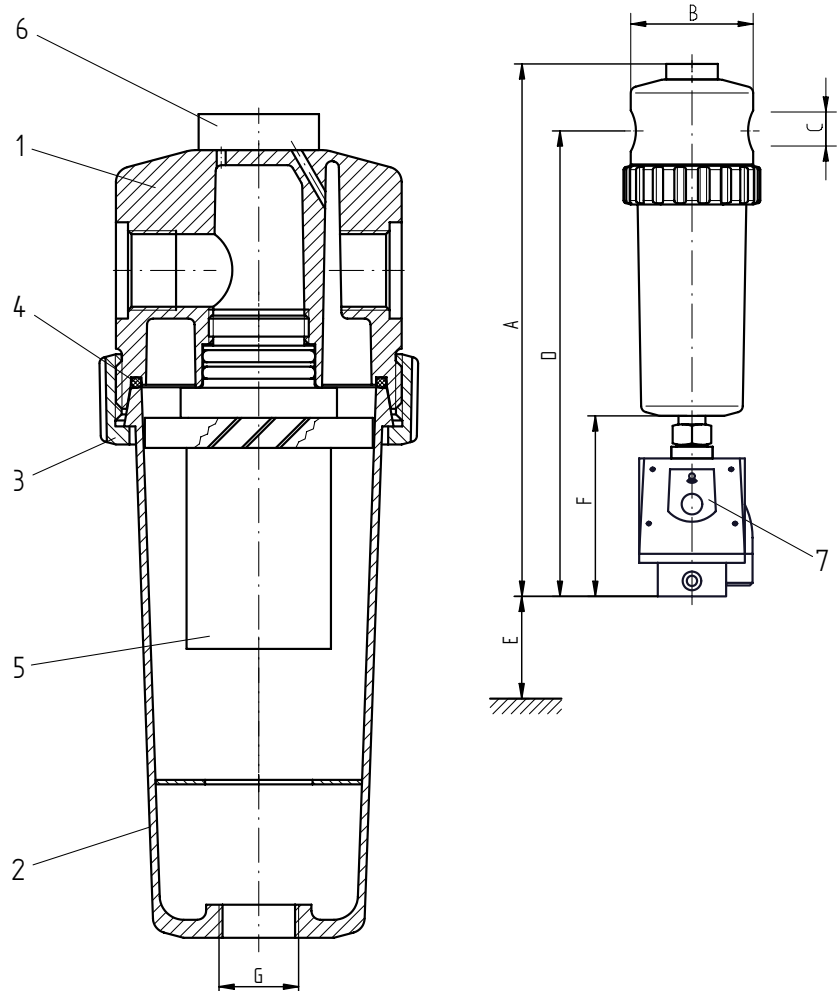
Industrial filter AG-Z 0125-2250 SP

Pos.	Piece	Description
7	1	drain
6	1	cap
5	1	centrifugal insert
4	1	housing O-ring
3	1	screw locking ring
2	1	lower housing bowl
1	1	upper housing bowl

Max. operating pressure:	16 bar
Test pressure:	22.88 bar
Max. operating temperature:	+1°C / +65°C
Material:	0125 - 0550 EN AC-AISI 12 (Fe) 0750 - 2250 EN AC-AISI 7 Mg 0.3
Paint coat:	Polyester resin coating

Drain-Type AG-Z SP	
Type	
0125-0225	with UFM-T 05
0375-0550	with UFM-T 1
0750-1000	with UFM-T 20
1650-2250	with UFM-T 100

Classification acc. to 97 / 23 / EG for fluids group 2	
AG-Z 0125 - 0550	Art. 3, par. 3
AG-Z 0750 - 2250	Cat. I



Housing size	Volume (l)	Weight (kg)	A mm	ø B mm	C ISO 228/1	D mm	E mm	F mm	G ISO 228/1
0125	0.5	2.0	375	80	G 1/2	320	120	140	G 1/2
0225	0.9	2.5	395	95	G 3/4	345	150	140	G 1/2
0375	1.4	2.8	490	110	G 1	425	150	140	G 1/2
0550	1.4	2.8	490	110	G 1 1/4	425	200	140	G 1/2
0750	4.5	6.1	630	150	G 1 1/2	555	200	140	G 1/2
1000	4.5	6.1	695	150	G 2	620	200	145	G 1/2
1650	7.0	9.9	795	180	G 2 1/2	710	200	155	G 3/4
2250	7.0	9.8	795	180	G 3	710	200	155	G 3/4