

Cyclone Separators GD-CS 1650STD – 2250STD

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

Product description:

The GD-CS 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.

This product series offers 8 different housings available ranging from a volume flow of 1650 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 water separator conforms to the requirements of the European directive 97/23/EG for pressure vessels.



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:
2½" bis 3" BSP

Maximum operating pressure:	
1650 - 2250	16 bar

Retention rate:
99% related to 10 µm

GD
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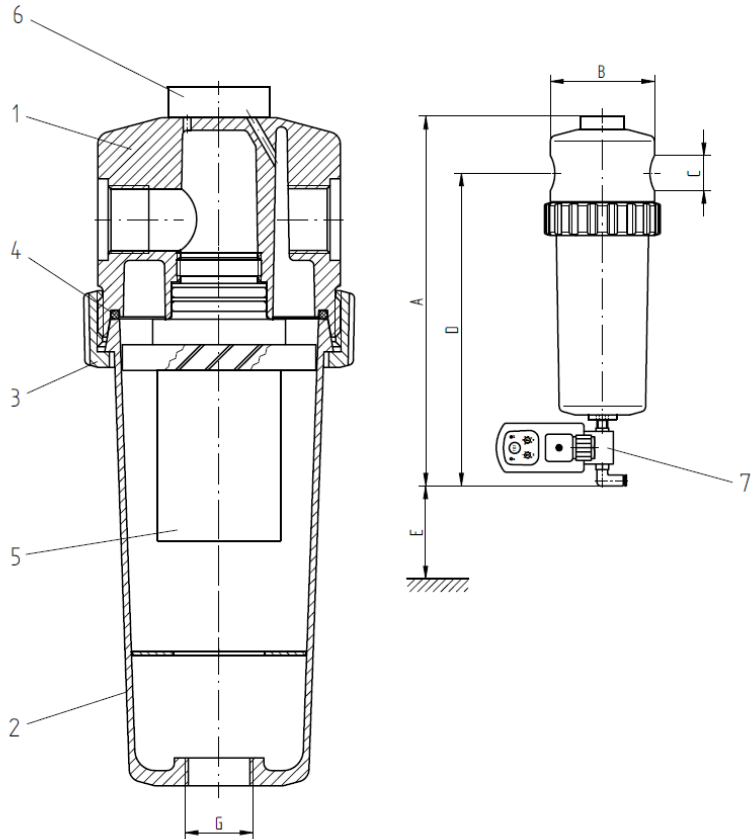
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Technical Data

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. working pressure:	16 bar
Test pressure:	22.88 bar
Max. working temperature:	+1°C / +65°C
Material:	AG-Z 1650 - 2250 EN AC-AISI 7 Mg 0.3
Paint coat:	Polyester resin coating

Classification acc. to 97 / 23 / EG for fluids group 2	
1650 - 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
1650	7.0	9.1	645	180	G 2½	560	200	G ¾
2250	7.0	9.2	645	180	G 3	560	200	G ¾

For additional information please contact Gardner Denver or your local representative.

Gardner Denver

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