

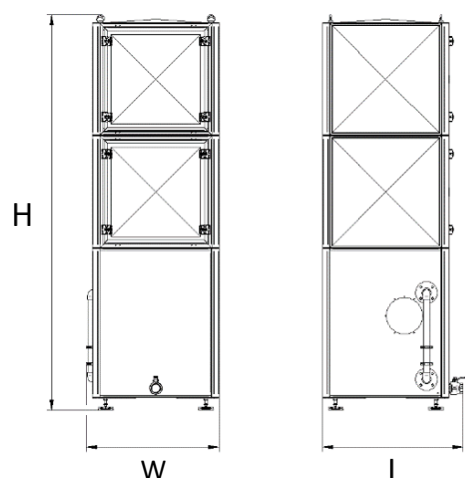
Wet separator

X45900 / VC-0003148 /

DUSTOMAT Hydro 3500 ATEX



Exemplary presentation



Technical data

Mains voltage	400 V	Sound pressure level	[dBA] 75
Nominal power	5,5 kW	Water connection	3/4"
Nominal current	11,0 A	Water drainage	2"
Mains frequency	50 Hz	Water content	153 L
Circuit breaker	C32A	Weight	380 Kg
Max. negative pressure	3.400 Pa	Intake opening	Ø 224 mm
Max. volume flow	3.500 m ³ /h	Dimensions (L x B x H)*	850 x 1.100 x 2.580 mm

* Dimensions without control cabinet

Application Range

- » Extraction of metallic dusts (steel, stainless steel, brass, copper) and light metal dusts
- » For the single or multi-station extraction of dry, oiled, free flowing, abrasive, electrically conductive, floating materials
- » Ideal solution for heavy flying sparks

Special Features

- » Components in contact with media made of Stainless steel: V2A (DIN 1.4301); remaining components from Steel: S235 JR
- » Filter stage 1: Separation via innovative washer chamber with particularly high degree of separation, 98,7% even with the smallest particle fractions of $\geq 15 \mu\text{m}$
- » Filter stage 2: Downstream droplet separator with optimised maintenance access, which reduces the residual moisture content of the exhaust air to a minimum
- » Filter stage 3: Metal mesh.
- » Filter stage 4: F9 filter cassette Filterklasse gemäß ISO 16890: ISO ePM1 80%

Configuration example

- » ESTA standard painting (with C3/H)
- » Operating duration: Single shift operation
- » Operating mode: Air recirculation operation
- » Intake port position: Right
- » Fill level tube position: Left
- » Switch cabinet becomes Unassembled
- » Potential-free contacts: Start system
- » Monitoring functions: Operating message, Volumetric flow control, Fill level monitoring & automatic filling, Maintenance & operating hours counter, Safety filter monitoring
- » Country-specific regulations: EU
- » Device signage: ESTA / German
- » ATEX marking:
Dust inside II 3D Ex h IIIC T 125 °C Dc X
Gas inside II 3G Ex nA IIC T3 Gc X

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