

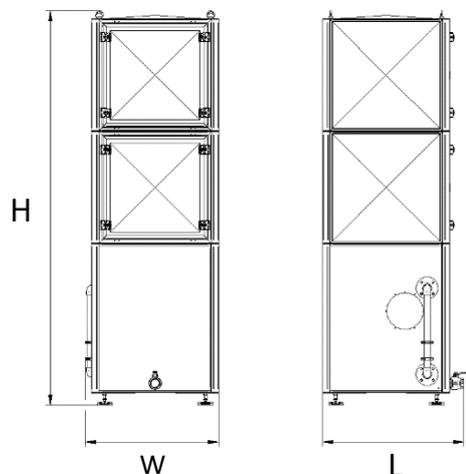
Wet separator

X45900 / - /

DUSTOMAT Hydro 3500



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 | 375 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)
- » For the single or multi-station extraction of oiled, free flowing, electrically conductive 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: 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, Fill level monitoring & automatic filling, Maintenance & operating hours counter, Safety filter monitoring
- » Country-specific regulations: EU
- » Device signage: ESTA / German