

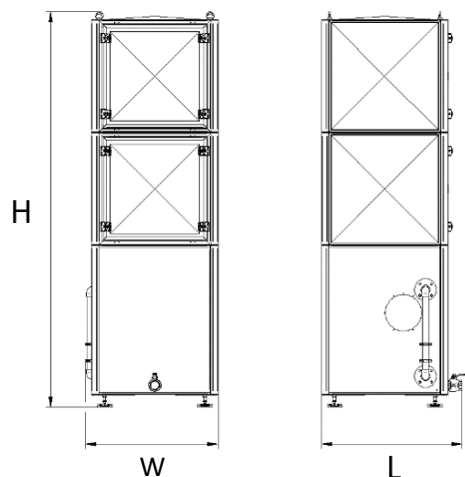
Wet separator

X45900 / VC-0004081 / VAN24-12844

## DUSTOMAT Hydro 2300 ATEX



Exemplary presentation



### Technical data

Mains voltage	400 V	Sound pressure level	[dBA] 70
Nominal power	3,0 kW	Water connection	3/4"
Nominal current	6,0 A	Water drainage	2"
Mains frequency	50 Hz	Water content	153 L
Circuit breaker	C16A	Weight	345 Kg
Max. negative pressure	2.500 Pa	Intake opening	Ø 180 mm
Max. volume flow	2.300 m <sup>3</sup> /h	Dimensions (L x B x H)*	850 x 1.100 x 2.580 mm

\* Dimensions without control cabinet

### Application Range

- » Extraction of Leichtmetallstäuben
- » For the single or multi-station extraction of dry, 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: With post-filter (F9) Filterklasse gemäß ISO 16890: ISO ePM1 85%

### 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
- » Accessory package: Noise package
- » With potential-free contact (On/Off)
- » 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