

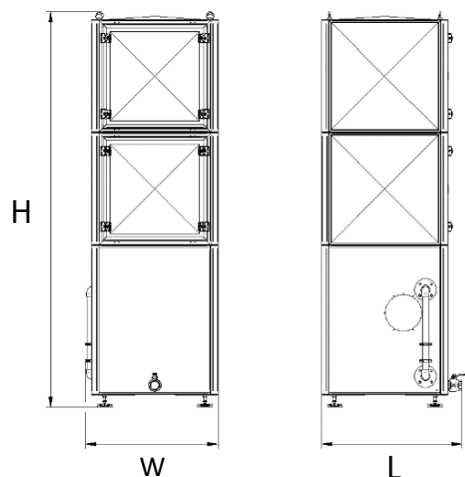
Wet separator

X45901 / VC-0003186 / VAN23-13721

# DUSTOMAT Hydro 10000 ATEX



Exemplary presentation



## Technical data

Mains voltage	400 V	Sound pressure level	[dBA] 76,1
Nominal power	15 kW	Water connection	3/4"
Nominal current	25,3 A	Water drainage	2"
Mains frequency	50 Hz	Water content	515 L
Circuit breaker	C50A	Weight	890 Kg
Max. negative pressure	4.800 Pa	Intake opening	∅ 400 mm
Max. volume flow	10.000 m <sup>3</sup> /h	Dimensions (L x B x H)*	1.350 x 1.550 x 3.400 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: Metal mesh.
- » Filter stage 4: F9 filter cassette

## 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