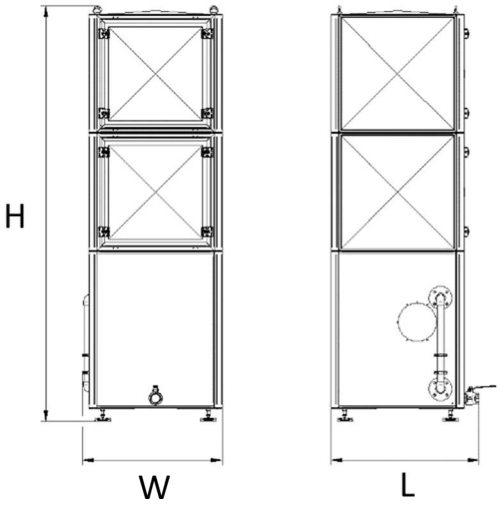
Wet separator X45901

DUSTOMAT HYDRO 6000



Technical data (Technical data and drawings may vary depending on the selected variant. Please refer to the type plate for the relevant values)

Mains voltage	400 V	Water connection	3/4"
Nominal power	7,5 kW	Water drainage	2"
Nominal current	14,5 A	Water content	515 L
Mains frequency	50 Hz	Weight	750 kg
Circuit breaker	C32A	Intake opening	Ø 280 mm
Max. negative pressure	3.950 Pa	Outlet opening	Ø 710 mm
Max. volume flow	6.000 m³/h	Dimensions (L x W x H) **	1.350 x 1.550 x 3.400 mm
Sound pressure level *	[dBA] 73,4		

* Specified sound values may vary in air extraction operation

** Dimensions without control cabinet

Application range

- Extraction of metallic dusts (aluminium, titan, steel, stainless steel, brass, copper, e.g.)
- For the single or multi-station extraction of dry, free flowing, materials
- Ideal solution for heavy flying sparks

Special Features

- Components in contact with media made of Stainless steel: V2A (DIN 1.4301)
- Filter stage 1: Separation via innovative washer chamber with particularly high degree of separation, 98,7% even with the smallest particle fractions of >= 15 µm
- 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 metal mesh, pre-filter (M5) Filter class according to ISO 16890: ISO ePM10 65% or prefilter (F9) Filter class according to ISO 16890: ISO ePM1 80%
- Filter stage 4: With post-filter (F9) Filter class according to ISO 16890: ISO ePM1 80% or post-filter (H14)
- Filter class according to ISO 29463: ISO 45 H (separation efficiency ≥ 99,995 %).

Design

- ESTA standard painting (with C3/H)
- With potential-free contact (On/Off)
- Device signage: ESTA / German
- Country-specific regulations: EU

Options

- Device completely made of stainless steel V2A (DIN 1.4301) or V4A (DIN 1.4404)
- Operating duration: diverse shift operation
- Operating mode: Air recirculation operation
- Operating mode: Air extraction operation
- Intake port position: Right, left or at the back
- Fill level tube position: Left or right
- Switch cabinet becomes Unassembled or fixed
- Accessory package: Noise package
- Monitoring functions: Operating message, Volumetric flow control, Fill level monitoring & automatic filling, Maintenance & operating hours counter, Safety filter monitoring, Fill level monitoring DGUV 109-001
- ATEX marking:
  Dust inside II 3D Ex h IIIC T 125 °C Dc X
  Gas inside II 3G Ex nA IIC T3 Gc X

ESTA Apparatebau GmbH & Co. KG
Gotenstraße 2-6 89250 Senden / GERMANY · Phone +49 7307 340 96 80-0 · Fax +49 7307 804-500 · E-Mail anfrage@esta.com
www.esta.com