

High and Medium Pressure Fans



Schematic illustration of a direct drive high pressure ESTA fan

ESTA fans are designed and built to the latest flow standards. This guarantees high performance with low energy consumption.

They can be used as vacuum generators in extraction systems or as blowers for extracting welding fumes, dusts and shavings.



High pressure fans combined with ESTA filter cyclones

ESTAPLUS

Application Range

- » High-pressure fans for multi-user extraction
- » Ideal component for a central extraction system
- » Supply and extraction fan (e.g. for cooling)
- » Central welding fume extraction
- » Applications in which a very constant negative pressure is required at a high air flow rate

Your Benefits

- » Constant high airflow volume
- » Quiet operation through sound insulation and remote positioning
- » Industrial strength and maintenance free design
- » Low operating costs through high energy efficiency

Technical Data

High and Medium pressure fans		MDV-7,5	MDV-15	HDV-11	HDV-18,5	HDV-22	HDV-30
Max. Airflow	m ³ /h	3.400	6.700	2.000	3.000	3.800	6.000
Intake diameter*	mm	280	355	260	250	280	355
Max. negative pressure	Pa	4.400	4.500	8.200	10.300	10.400	10.300
Voltage	V	400	400	400	400	400	400
Motor	kW	7.5	15.0	11.0	18.5	22.0	30.0
Motor speed	1/min	3.000	3.000	3.000	3.000	3.000	3.000
Dimensions (W×H×D)	mm	1.310 × 1.676 × 1.600					
Sound emission	dB(A)	69	73	73	73	76	79
Order Number		301.000	301.001	301.002	301.003	301.004	301.005

Please inquire with us about additional units
* = Depending on the type of application

- Dust Extractors
- High Vacuum Extraction Units
- Welding Fume Filters
- Air Purifier
- Oil Mist Separators
- Carbon Filters
- Downdraft Tables
- Extraction Fans
- Extraction Arms
- Filter Towers
- Central Extraction Systems
- Pipe Systems
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