

Side Channel Blowers



Schematic illustration of a side channel blower with direct drive



ESTA side channel blowers are assemblies used when strong suction power is needed. This includes central dust extraction systems in production areas, power plants, trash incinerators, manufacturing areas, etc.

The compressors are also available in an ATEX-compliant design.



Central vacuum unit equipped with two side channel blowers

ESTA PLUS

Application Range

- » Extraction from multiple workstations in industrial manufacturing and processing
- » Multi-shift operation possible
- » Optional: ATEX version

Your Benefits

- » High negative pressure
- » Quiet operation through sound insulation and suitable positioning
- » Wear and maintenance free design
- » Low operating costs through high energy efficiency

Technical Data

Side Channel Blowers		TDS-13	TDS-18.5	TDS-22	TDP-11	TDP-18.5	TDP-22	TDP-26
Max. Airflow	m ³ /h	1.140	1.140	1.140	790	2.100	2.100	2.100
Intake diameter	mm	140	140	140	100	180	180	180
Max. negative pressure	Pa	23.500	38.000	40.500	30.000	23.500	27.000	31.500
Voltage	V	400	400	400	400	400	400	400
Motor	kW	13.0	18.5	22.0	11.0	18.5	22.0	26.0
Motor speed	1/min	3.000	3.000	3.000	3.000	3.000	3.000	3.000
Dimensions (W x H x D)	mm	990 x 1.730 x 1.200						
Sound emission	dB(A)	78	96	90	85	93	88	93
Order Number		301.101	301.103	301.105	301.100	301.102	301.104	301.106

Please inquire with us about additional units