HAUT BLAST

HIGH-FLOW ROOF FAN WITH VERTICAL DISCHARGE

High-flow roof fan with vertical discharge, made of aluminum

MANUFACTURING FEATURES

High power, optimized design with high efficiency backward impeller with self-cleaning system of steel.
Standard asynchronous motor with IP-55 protection and Class F insulation.
Manufactured with standard voltages: 400V 50Hz three phase motors
Resistant to demanding environments: corrosion-resistant aluminium casing and steel impeller.
Completely rain-tight.
Optimised outlet flow design for vertical discharge efficiency.

APPLICATIONS

Specially designed for roof installation, with vertical discharge
° Smoke extraction.
° Air renewal in buildings and industries.
° Industrial kitchen hoods.
° Cinemas.
° Suitable for moving air at temperatures up to 120°C with integrated air outlets for motor cooling. Maximum ambient temperature: 60ºC.

UNDER REQUEST

Available with acoustic insulation.

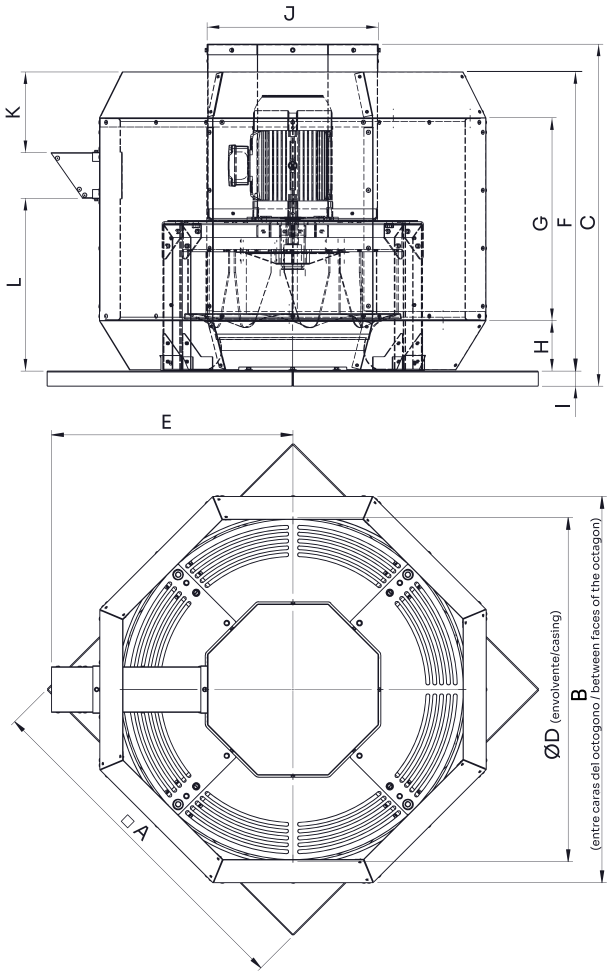
Technical data

Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. A 400V	Rated power kW	Max. Airflow m³/h	Sound db (A)**	Weight kg	Connect. diagram
278711106	HAUT BLAST 710 T4 7,5KW	1455	14,1	7,50	22.940	68	306	1
278801106	HAUT BLAST 800 T4 15KW	1465	29,8	15,00	32.810	72	432	2
278901106	HAUT BLAST 900 T4 30KW	1475	56,3	30,00	46.720	75	721	2
278101106	HAUT BLAST 1000 T4 45KW	1475	80,7	45,00	64.100	79	939	2

Notes:
** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions



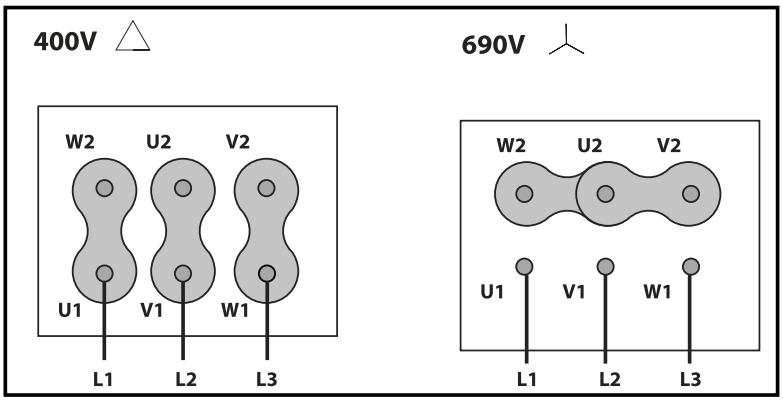
Model	A	B	C	D	E	F	G	H	I
HAUT BLAST 710 T4 7,5KW	1145	1270.3	1125	1132	794	987.5	667	165.5	50
HAUT BLAST 800 T4 15KW	1280	1400.5	1272	1263	859	1166	767	206.5	50
HAUT BLAST 900 T4 30KW	1366	1496.5	1431	1350	907	1410	947	211.5	50
HAUT BLAST 1000 T4 45KW	1506	1642.5	1536	1500	980	1596	1067	246.5	50

Model	J	K	L	Ø duct	Ø inlet
HAUT BLAST 710 T4 7,5KW	562.4	271	568	710	467
HAUT BLAST 800 T4 15KW	670.4	407	609	800	532
HAUT BLAST 900 T4 30KW	872.4	510	700	900	595
HAUT BLAST 1000 T4 45KW	912.4	586	509.5	1000	662

Wiring diagram

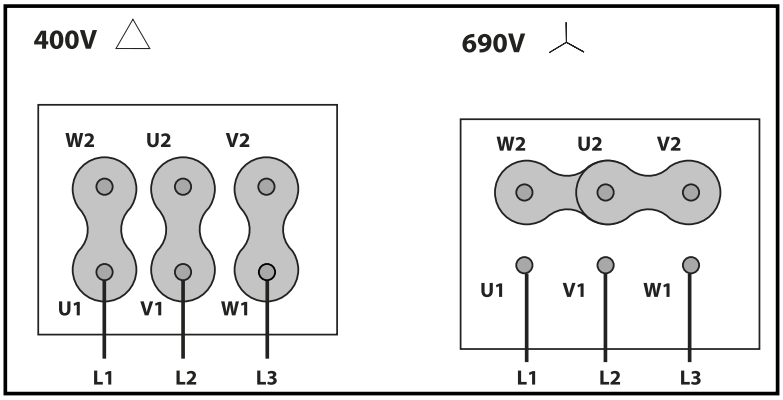
Wiring diagram Nº 1

400/690V



Wiring diagram Nº 2

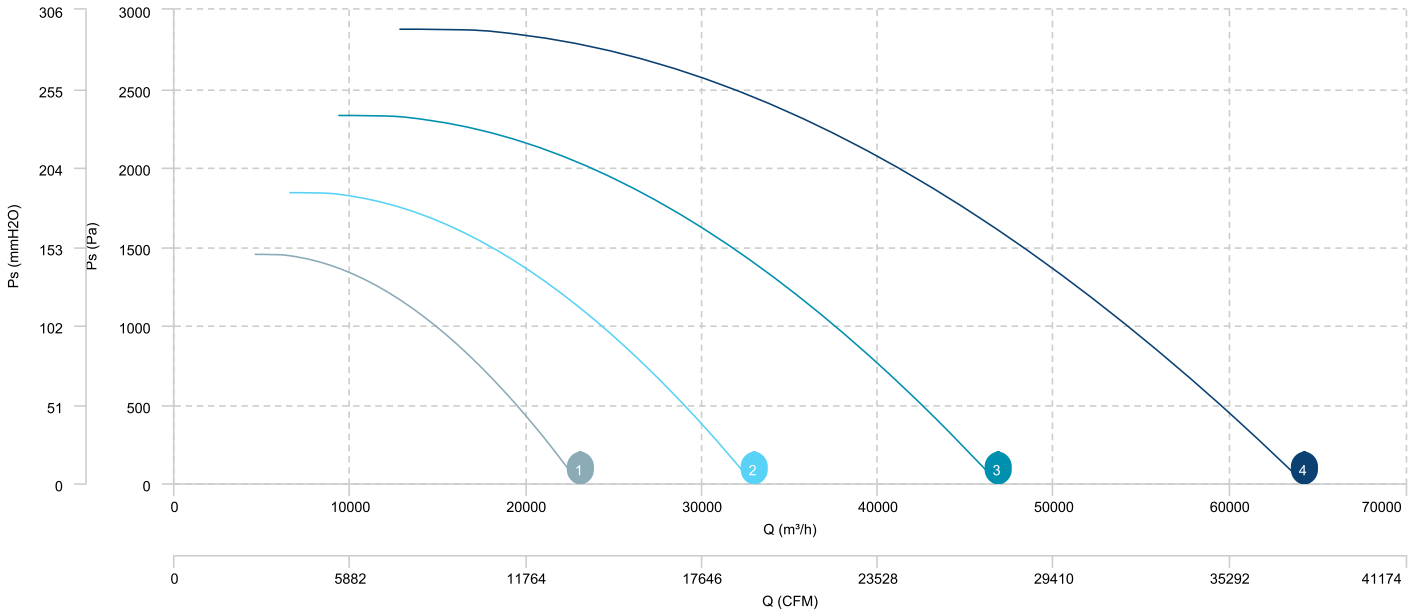
400/690V



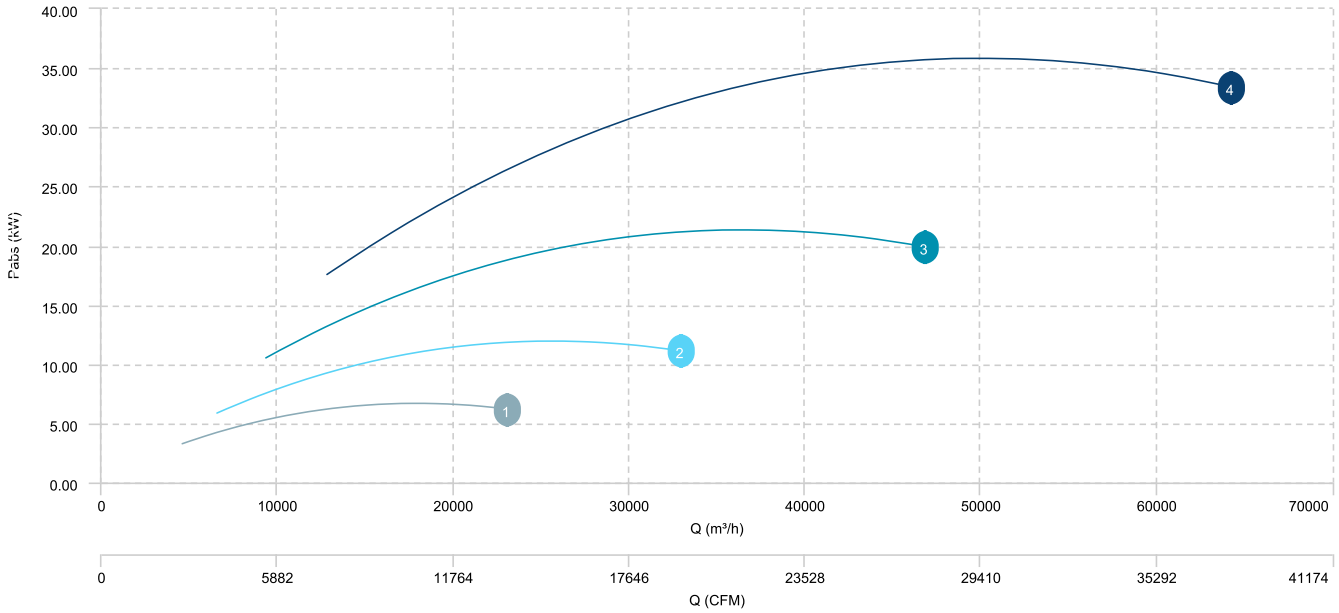
CHARACTERISCTIC CURVE

1	HAUT BLAST 710 T4 7, 5KW
2	HAUT BLAST 800 T4 15KW
3	HAUT BLAST 900 T4 30KW
4	HAUT BLAST 1000 T4 45KW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



Sound data

Sound / 4 poles

Sound power Lw dB (A)										
Model		**63 Hz**	**125 Hz**	**250 Hz**	**500 Hz**	**1000 Hz**	**2000 Hz**	**4000 Hz**	**8000 Hz**	**Total**
HAUT BLAST 710 T4 7,5KW	Inlet	90	88	85	83	81	78	75	72	94
HAUT BLAST 800 T4 15KW	Inlet	94	92	89	87	85	82	79	76	98
HAUT BLAST 900 T4 30KW	Inlet	97	95	92	90	88	85	82	79	101
HAUT BLAST 1000 T4 45KW	Inlet	101	99	96	94	92	89	86	83	105