HAUT BLAST PLUS

ISOLATED 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.
Includes rock wool for casing insulation

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.

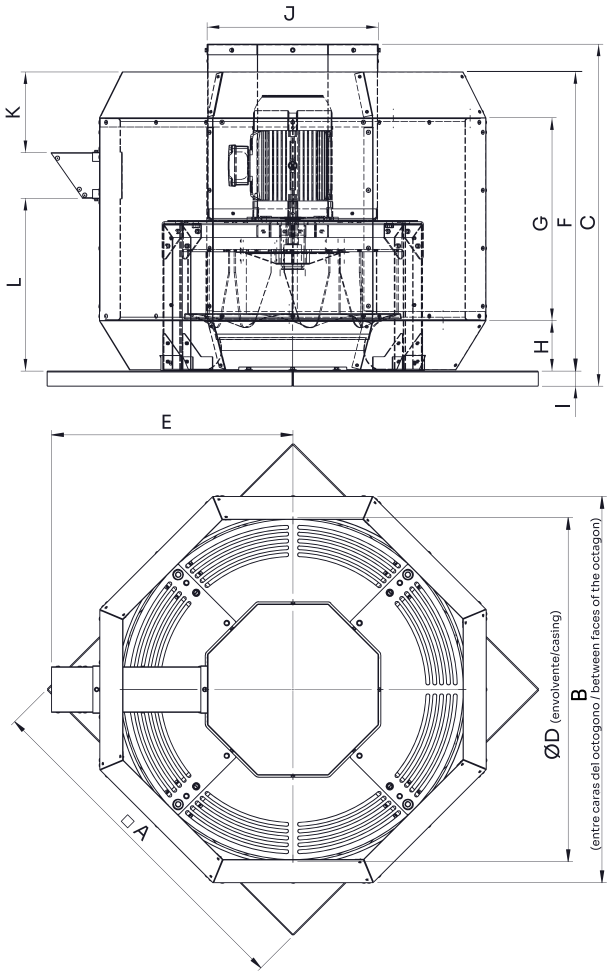
Technical data

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
278711106P	HAUT BLAST PLUS 710 T4 7,5KW	1455	14,1	7,50	22.940	65	318	1
278801106P	HAUT BLAST PLUS 800 T4 15KW	1465	29,8	15,00	32.810	69	447	2
278901106P	HAUT BLAST PLUS 900 T4 30KW	1475	56,3	30,00	46.720	72	739	2
278101106P	HAUT BLAST PLUS 1000 T4 45KW	1475	80,7	45,00	64.100	76	959	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



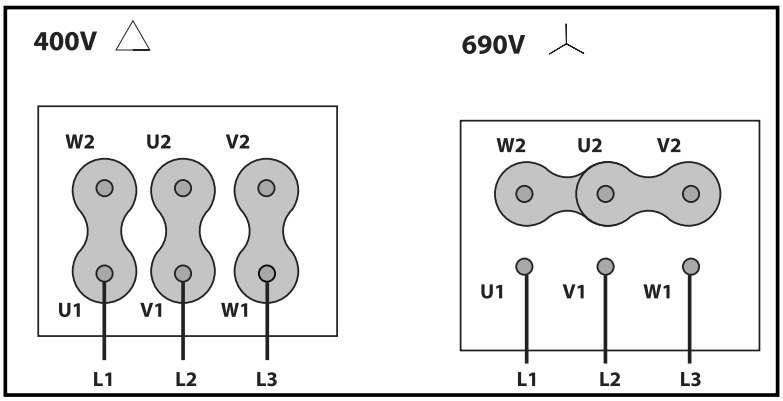
Model	A	B	C	D	E	F	G	H	I
HAUT BLAST PLUS 710 T4 7,5KW	1145	1270.3	1125	1132	794	987.5	667	165.5	50
HAUT BLAST PLUS 800 T4 15KW	1280	1400.5	1272	1263	859	1166	767	206.5	50
HAUT BLAST PLUS 900 T4 30KW	1366	1496.5	1431	1350	907	1410	947	211.5	50
HAUT BLAST PLUS 1000 T4 45KW	1506	1642.5	1536	1500	980	1596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

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

Wiring diagram

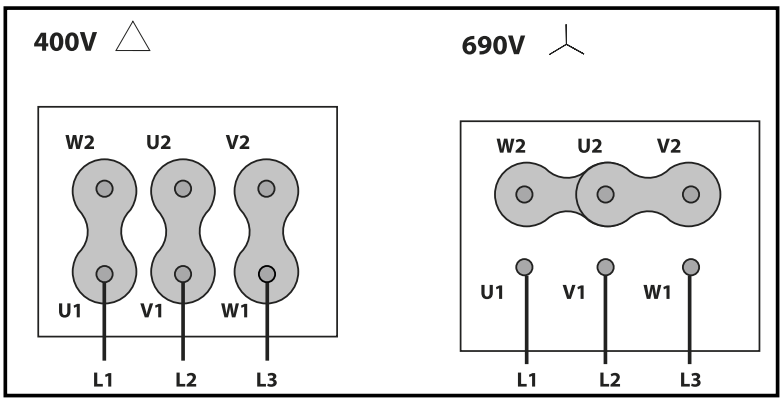
Wiring diagram Nº 1

400/690V



Wiring diagram Nº 2

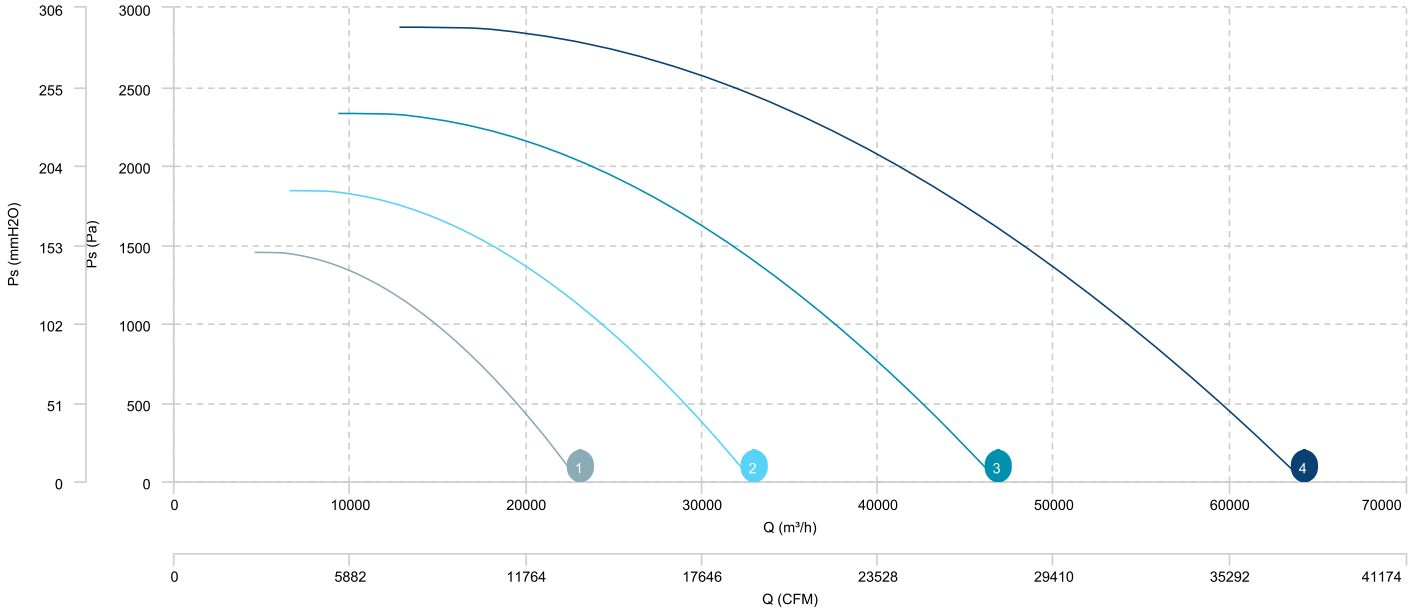
400/690V



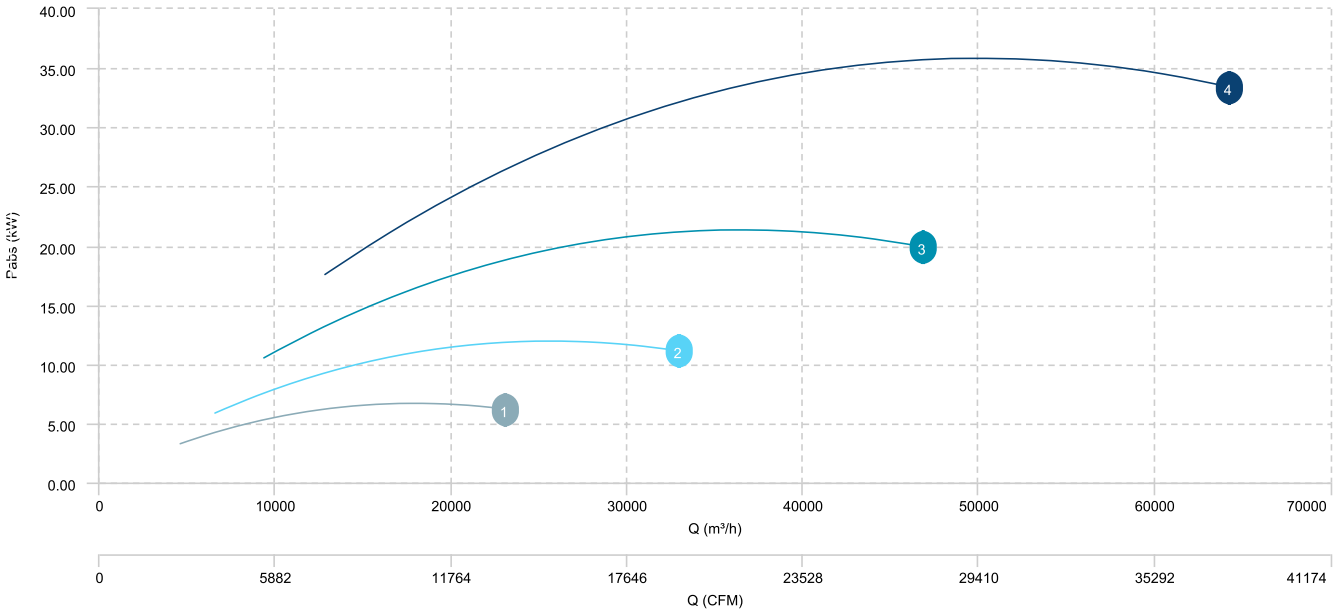
CHARACTERISCTIC CURVE

1	HAUT BLAST PLUS 710 T4 7,5KW
2	HAUT BLAST PLUS 800 T4 15KW
3	HAUT BLAST PLUS 900 T4 30KW
4	HAUT BLAST PLUS 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 PLUS 710 T4 7,5KW	Inlet	87	85	82	80	78	75	72	69	91
HAUT BLAST PLUS 800 T4 15KW	Inlet	91	89	86	84	82	79	76	73	95
HAUT BLAST PLUS 900 T4 30KW	Inlet	94	92	89	87	85	82	79	76	98
HAUT BLAST PLUS 1000 T4 45KW	Inlet	98	96	93	91	89	86	83	80	102