



Belt driven cabinet fans CVHT Series - F400- 120 rated cabinet fans

CVHT-22/22



Range of belt driven cabinet fans designed for smoke extraction in fire conditions and certified F400-120 (CE marked). The casings are manufactured from heavy gauge galvanised sheet steel. All models incorporate double inlet forward curved centrifugal impellers.

Belt-driven transmission system mounted external to the air stream. Motor mounted within the fan cabinet onto a specific support giving optimal belt tension.

Supplied as standard in horizontal discharge (code H) or vertical (code V) configuration with motor, pulley and belt assembly on the right hand side of the unit when viewed from the discharge end.

Motors

All motors are IP55, class F insulation.

Electrical supply:

Three phase

230/ 400V-50Hz, up to 3 kW.

400V-50Hz, for higher motor powers.

On request

Motor, pulley and belt assembly fitted on the left hand side of the unit when viewed from the discharge end (TI version).

Two speed motors (4/8 and 4/6 poles).

Single phase motors 230V-50Hz up to 2,2 kW.

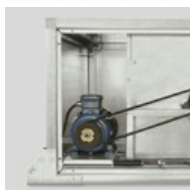
Single phase motor (CVHB) up to 2,2 kW.

+ Attributes



Easy to install

The cabinets have fixing points on the corners easing the installation either on the floor or ceiling.



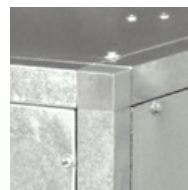
Compact design

Motor inside the fan casing, providing a smaller size and a higher compacity.



Automatically tensioned and maintenance free system

Exclusive of S&P. The only system ensuring a constant belt tension without any maintenance required.

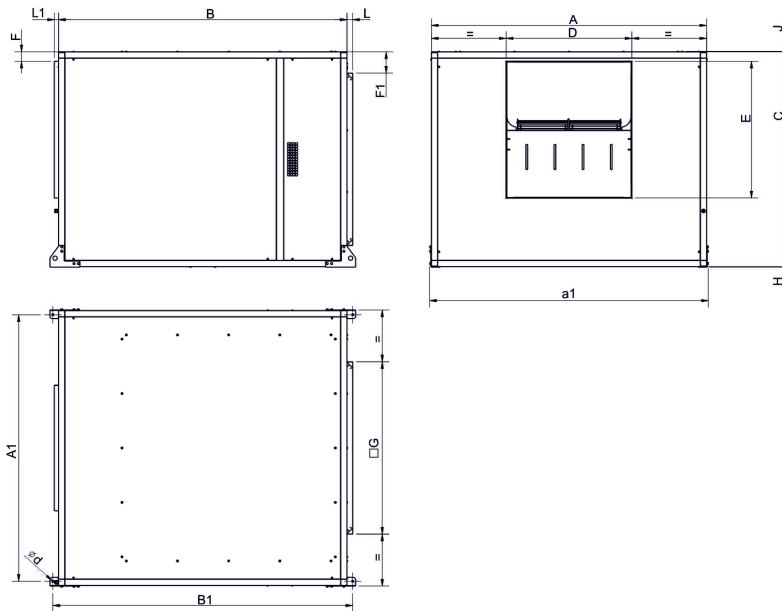


Robustness

Quality finishing, with aluminium corners providing a high robustness.

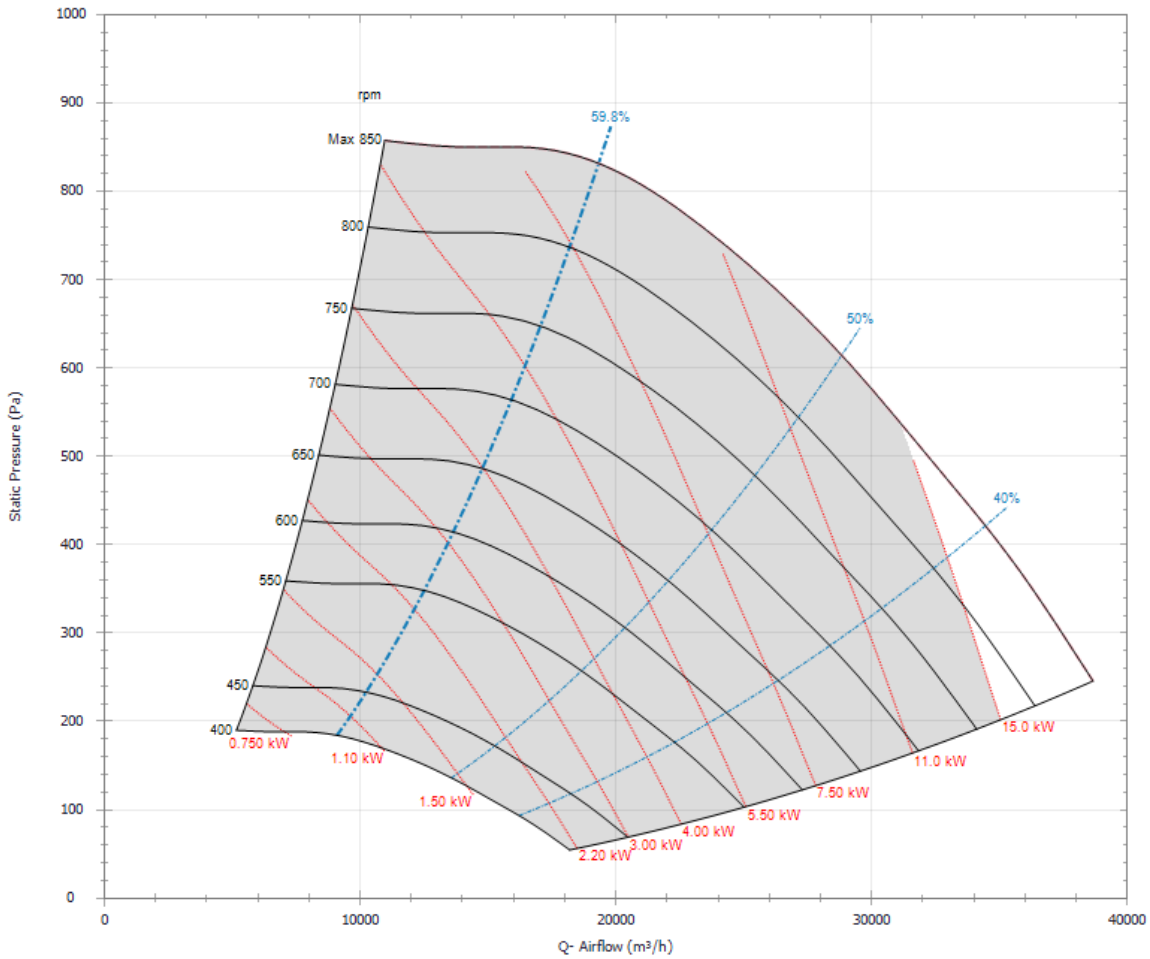
+ Technical characteristics

+ Dimensions



A	A1	a1	B	B1	C	D	d1	E	F	F1	G	H	J	L	L1
1542	1448	1565	1638	1717.5	1142.5	697.5	15	705.5	65.5	121.25	900	3	4	40	30

+ Curves



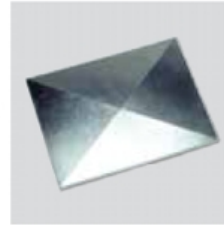
+ Mounting Accessories



ACOP RECT F400
Rectangular flexible connectors.



CVD (Discharge) - CVA (Inlet) Protection guards
Wire protection guards for mounting on the discharge sides of the cabinets.



CHTI Pitched roof cover
For outdoor mounted installations of horizontal discharge cabinet fans.



PAVZ
Rubber anti-vibration mounts with metallic bases that absorb vibration and attenuate the noise produced in the installation.