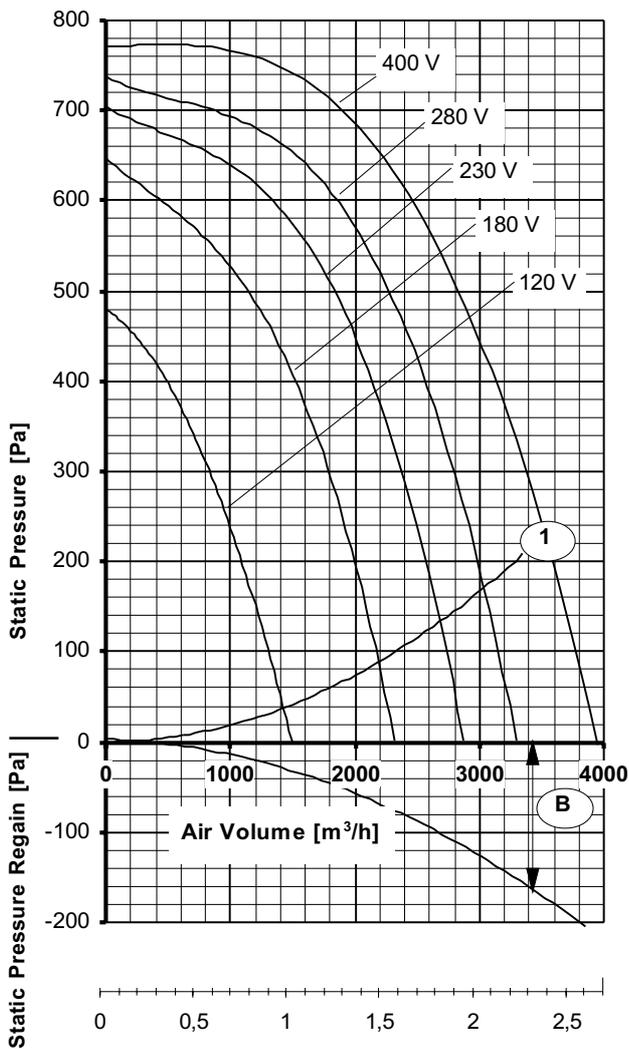
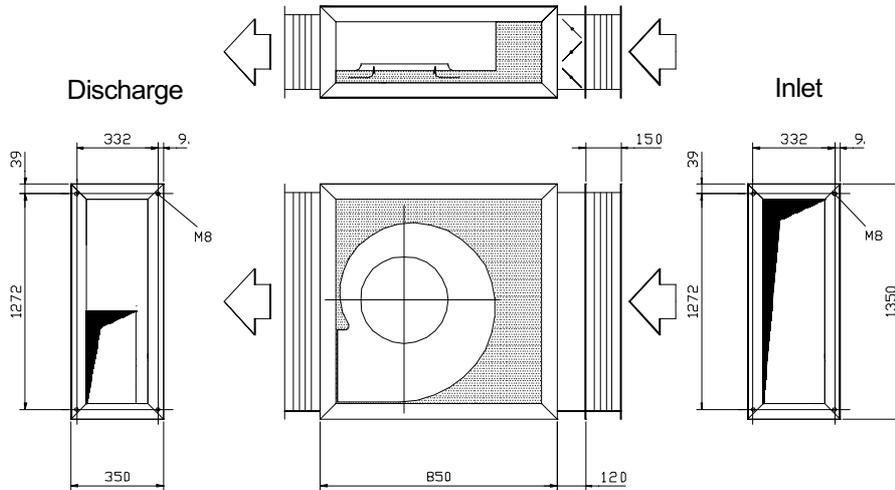


Flat Series Ventilator Unit VF 408
Size: 4

Power Supply: 400V/3N~ 50Hz with

Pressure/Air Volume Performance, Selection of Speed Controllers

FISCHBACH
COMPACT
FAN
CFE930/D1



➔ Average Discharge-Air-Velocity \bar{v} [m/s], related to standard connection size A

Max. permissible Air Inlet Temperature:
At free air up to system curve (1): 50°C
Above system curve (1): 60°C

The data for external static pressure take into account all pressure losses due to integration of the fan within unit. Performance based upon free inlet and discharge.

Max. power consumption 2,60 kW

Max. current consumption 5,80 A

I_A / I_N : 1,9

Static Pressure Regain (B) can be read from the performance curve. It is available when the unit is fitted with a straight discharge duct, sized according to the standard connection size A. Minimum duct length necessary: 2,0 m.

Voltage [V]	At free air [m³/h]	External static pressure Δp_{st} [Pa] available for AHU and system pressure losses						
		100	200	300	400	500	600	700
	and [A]	1st. line: Air Volume V_L [m³/h] at $\rho = 1,2 \text{ kg/m}^3$						
		2nd. line: Current consumption [A]						
120	1500 3,38	1310 3,10	1090 2,81					
180	2320 4,32	2170 4,06	2000 3,78	1790 3,46	1525 3,09	1145 2,63	450 2,03	
230	2880 4,75	2735 4,50	2570 4,23	2380 3,93	2145 3,60	1835 3,20	1345 2,68	
280	3305 4,91	3155 4,70	2985 4,47	2795 4,23	2565 3,95	2275 3,64	1860 3,25	870 2,59
400	3945 5,74	3775 5,58	3585 5,43	3375 5,26	3130 5,08	2840 4,89	2465 4,67	1900 4,42

Save power and even more silent with FISCHBACH SPEED CONTROLLERS

Voltage Control / Frequency Control	Type	Order-No.
Stepless, 0 - 100 % and 100 - 0 % *	FDR 80/3	6232
Stepwise, 5 Steps *	FDR 5.5/3	6182
FISCHBACH AUTOMATIC CONTROL *	FRA 80/3	6282
Frequency Inverter *	FFU 80	6301

* with integrated motor protection and outlet fuses