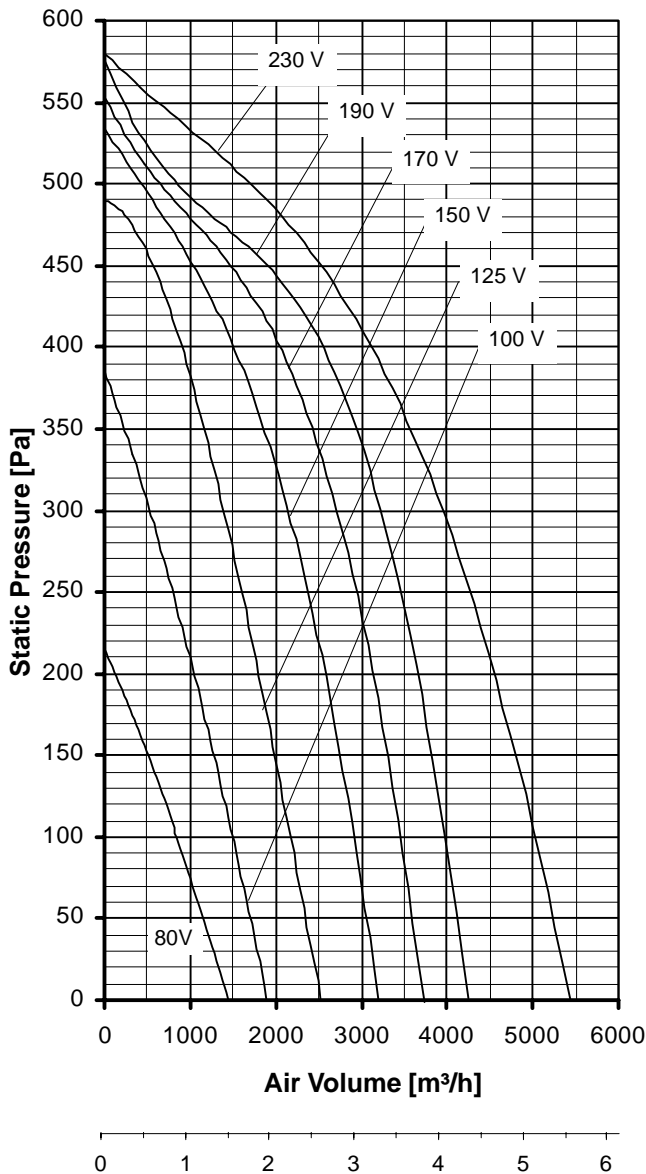


Pressure/Air Volume Performance, Selection of Speed Controllers



Max. permissible Air Inlet Temperature: 60°C

Please take the sound datas from the appendix.

Voltage [V]	At free air [m³/h]		External static pressure Δp_{st} [Pa] available for AHU and system pressure losses							
	und [A]									
		150	200	250	300	350	400	500		
	1st. line: Air Volume V_L [m³/h] at $\rho = 1,2 \text{ kg/m}^3$		2nd. line: Current consumption [A]							
80	1450 2,49	505 2,38								
100	1900 3,18	1280 2,99	1045 2,92	795 2,86	525 2,79					
125	2530 3,98	1985 3,70	1800 3,62	1600 3,53	1395 3,45	1165 3,36	905 3,27			
150	3195 4,72	2755 4,44	2580 4,34	2375 4,22	2145 4,10	1865 3,96	1510 3,81			
170	3725 5,23	3310 5,11	3140 5,01	2945 4,90	2715 4,78	2430 4,63	2050 4,46	650 3,97		
190	4240 5,74	3825 5,45	3655 5,33	3460 5,21	3230 5,07	2945 4,90	2550 4,69	855 4,03		
230	5435 6,60	4800 6,2	4550 6,05	4270 5,88	3950 5,70	3575 4,5	3120 5,27	1710 4,64		

Save power and even more silent with FISCHBACH SPEED CONTROLLERS		
Voltage Control	Type	Order-No.
Stepless, 0 - 100 % and 100 - 0 % *	FDR 80	6164
Stepwise, 7 Steps *	FDR 750	6202
FISCHBACH AUTOMATIC CONTROL *	FRA 80	6253

* with integrated motor protection and outlet fuses

The data for external static pressure take into account all pressure losses due to integration of the fan within unit.

The technical data are based upon the fan unit as a discharge or an inlet unit.

Max. power consumption 1,5 kW

Max. current consumption 6,6 A

$I_A / I_N: 1,7$