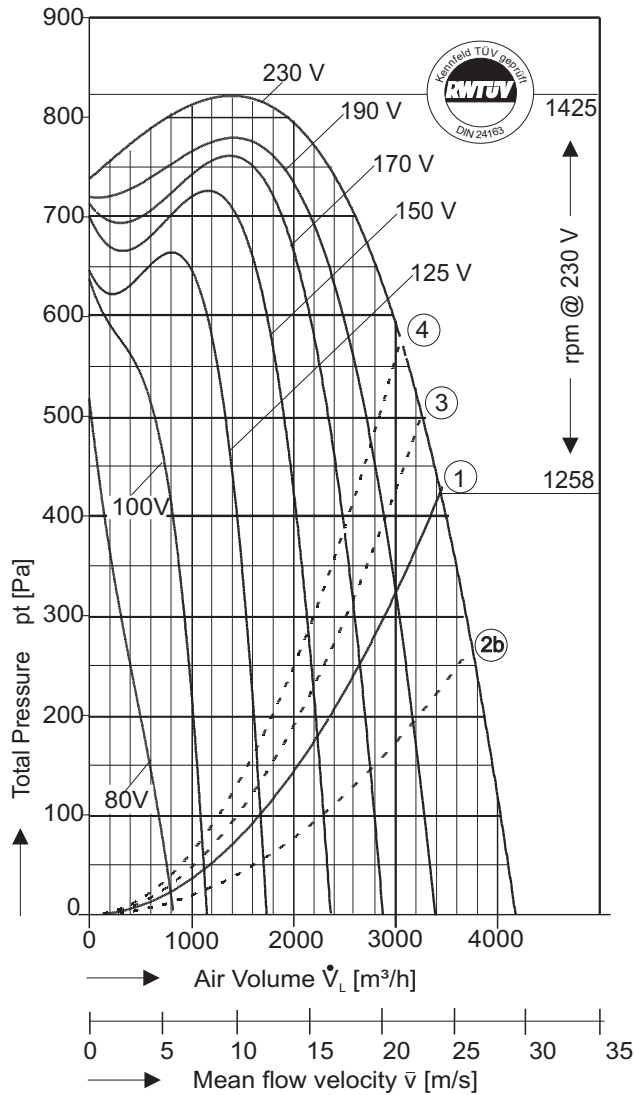


# Type: CFE = Single inlet "Superflat" Performance / Dimensions

**FISCHBACH**  
COMPACT  
FAN

**Type: CFE 8-940/E 80 [230V 1N~ 50 Hz]**  
MP Capacitor 50 µF - 400 VDB  
Protection type: IP 65

Please state intake side !  
For sound data please see extra pages.



Voltage [V]	Air Volume $\dot{V}_L$ [m³/h] at $\rho = 1,2 \text{ kg/m}^3$ and current [A] (bold figures, 2nd. line)							
	Free air	Total Pressure $\Delta p_t$ [Pa]						
		200	300	400	500	600	700	750
<b>80</b>	795 <b>5,08</b>	500 <b>4,74</b>						
<b>100</b>	1130 <b>6,37</b>	1020 <b>5,90</b>	935 <b>5,61</b>	820 <b>5,30</b>				
<b>125</b>	1680 <b>7,78</b>	1615 <b>7,45</b>	1540 <b>7,09</b>	1450 <b>6,70</b>	1335 <b>6,24</b>			
<b>150</b>	2235 <b>8,89</b>	2220 <b>8,81</b>	2130 <b>8,33</b>	2030 <b>7,85</b>	1905 <b>7,31</b>	1745 <b>6,72</b>		
<b>170</b>	2645 <b>9,44</b>		2600 <b>9,20</b>	2480 <b>8,62</b>	2340 <b>8,02</b>	2165 <b>7,38</b>	1890 <b>6,58</b>	
<b>190</b>	3000 <b>9,65</b>			2885 <b>9,18</b>	2710 <b>8,53</b>	2490 <b>7,82</b>	2170 <b>6,96</b>	1900 <b>6,39</b>
<b>230</b>	3440 <b>9,80</b>				3260 <b>9,08</b>	2980 <b>8,38</b>	2610 <b>7,56</b>	2350 <b>7,03</b>

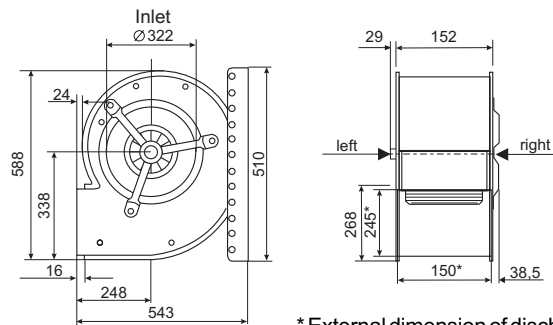
### Save power and even more silent with FISCHBACH SPEED CONTROLLERS FISCHBACH AUTOMATIC CONTROLLERS

Voltage Control	Type*	Order-No.*
Stepless, 0 - 100% and 100% - 0	FDR 120	<b>6165</b>
Stepwise, 7 Steps	FDR 1300	<b>6204</b>
FISCHBACH AUTOMATIC CONTROL **	FRA 120	<b>6255</b>

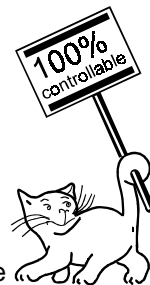
\* For further details see resp. catalogue pages  
\*\* For details of sensors etc., on request

$P_{\max} = 2,2 \text{ kW}$      $I_A / I_N = 1,9$      $I_{\max} = 9,80 \text{ A}$

- ① System curve free air related to standard fan discharge surface of 0,0357 m².  
Max. permissible air temperature: 40° C
- ②b System curve incl. pressure regain by means of DIFFUSER ANGLE FRAME (FISCHBACH accessory) with connected duct. Duct length: 1,5 m.
- ③ For operating points above that curve a maximum air temperature of 50° C is allowed.
- ④ For operating points above that curve a maximum air temperature of 60° C is allowed.



\* External dimension of discharge



The Silent One

In the above diagram the **TOTAL** pressure (the sum of the dynamic and static pressures) is shown in relation to the air volume, dynamic pressure is shown below system line No.1. Static pressure is shown above that line.

To regain static pressure and reduce dynamic pressure connect a suitable transition piece on the fan outlet.

*We do not guarantee for fans not being operated in consideration of those restrictions.*