

DUAL VOLTAGE BLOWER

Available in 145mm (5,7") Diameter version

DOMEL®

This is our new worldwide brushless solution, which could be used from 120 V (+/- 10%) and 230V (+/-10%) supply voltages respectively. This blower could be manufactured in 497 and 791 series of our blowers and can achieve up to 750 Watt nominal power.





All other features are same as by other our brushless motors, which could be used for wet and dry aspiration. Blowers consist of brushless motor with integrated controller built on fan system with one to three fan stages and tangential discharge or radial discharge.

By using electronic drive, carbon brushes are eliminated. Main blower's functions are supervised by digital signals with high accuracy and quick response. Overall it means enhanced flexibility, high performance and high level of robustness.

Main technical features are blocked rotor protection, thermal protection, soft start, over current protection, under/over voltage protection and speed control. An input signal 0-10 VDC or PWM is used to set the speed. Upon customer request a speed output information or fault output signal is available.

145mm (5.7") DUAL VOLTAGE BRUSHLESS BLOWERS

Input Power P_1	400 W to 750 W
Vacuum/Pressure	to 25 kPa, 100 in H ₂ O
Air Flow	112 l/s, 400 m ³ /h, 235 CFM
Efficiency η	to 40 %
Voltage	120 V[+/-10%], 230 V [+/-10%]

			
For dimensional data, please refer to the page 10 and 12.	For dimensional data, please refer to the page 18 and 20.	For dimensional data, please refer to the page 22.	For dimensional data, please refer to the page 26.
** Performance of the blower has to be advised up on your blower choice.	** Performance of the blower has to be advised up on your blower choice.	** Performance of the blower has to be advised up on your blower choice.	** Performance of the blower has to be advised up on your blower choice.