



SPECIFICATIONS

| EC Power Box Max. m ³ /h | 280m ³ /h | 500m ³ /h | 750m ³ /h | 1000m ³ /h | 1500m ³ /h | 3500m ³ /h | 5000m ³ /h VAC 3-380-480 | 7000m ³ /h | 11000m ³ /h | 18000m ³ /h |
|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|---------------------------------|---------------------------------|---------------------------------|
| Product code | ART-PB01 | ART-PB13 | ART-PB02 | ART-PB03 | ART-PB05 | ART-PB07 | ART-PB09 | ART-PB10 | ART-PB11 | ART-PB12 |
| Fan manufacturer | ebm-papst K3G133- RA01-03 | ebm-papst K3G160- RB31-03 | ebm-papst K3G190- RC05-03 | ebm-papst K3G190- RD45-03 | ebm-papst K3G250- RE07-07 | ebm-papst K3G280- RR03-H2 | ebm-papst K3G310- PT08-J2 | ebm-papst K3G310- PH58-02 | ebm-papst K3G400- PA27-71 | ebm-papst K3G500- PB33-01 |
| W / A / VAC | 27/0.27/ 200-240 | 85/0.75/ 200-240 | 83/0.75/ 200-240 | 169/1.35/ 200-240 | 170/1.4/ 200-240 | 500/2.2/ 200-277 | 1230/1.9/ 380-480 | 2950/4.6/ 380-480 | 3350/5.2/ 380-480 | 5700/9.0/ 380-480 |
| Max. Pa | 450 | 820 | 700 | 1200 | 625 | 950 | 1200 | 2125 | 1600 | 1790 |
| Connection in mm D | Ø 125 | Ø 160 | Ø 200 | Ø 200 | Ø 250 | Ø 315 | Ø 400 | Ø 400 | Ø 500 | Nach Wunsch |
| Weight in kg | 4.0 | 5.5 | 7.2 | 7.6 | 12.4 | 25.7 | 50.5 | 50 | 67 | 123 |
| Dimensions in mm | | | | | | | | | | |
| L1 | 200 | 230 | 270 | 270 | 350 | 380 | 600 | 600 | 650 | 1000 |
| L2 | 298 | 308 | 368 | 368 | 448 | 478 | 698 | 698 | 748 | 1098 |
| W1 | 273 | 323 | 383 | 383 | 505 | 565 | 603 | 603 | 805 | 880 |
| H | 273 | 323 | 383 | 383 | 505 | 565 | 603 | 603 | 803 | 880 |
| Hanging points M6, in mm | | | | | | | | | | |
| L3 | 100 | 135 | 170 | 170 | 270 | 280 | 450 | 450 | / | / |
| W2 | 170 | 235 | 280 | 280 | 380 | 460 | 450 | 450 | / | / |
| Impeller material | PA plastic | PA plastic | PA plastic | PA plastic | PA plastic | PA plastic | Aluminium | Aluminium | Aluminium | Aluminium |
| Housing material | Steel | Steel | Steel | Steel | Steel | Steel | Steel | Steel | Steel | Steel |
| ErP directive overall efficiency: | | | | | | | | | | |
| Actual | ERP-Ready | ERP-Ready | ERP-Ready | 56% | 57.8% | 67.3% | 56.8% | 66.1% | 69.4% | 69.2% |
| Request 2015 | | | | 43.1% | 43.1% | 48.4% | 56.8% | 56.4% | 57% | 59.5% |

ENERGY EFFICIENCY

Our motors with modern EC-technology reach excellent efficiencies and save up to 50% energy compared to conventional motor technology.

The slightly higher investment costs compared to conventional motors usually pay for themselves within a very short operating time thanks to lower energy consumption and lower installation costs.

