



## ADVANTAGES

- Lowest sound power level
- EC Fan with high reserve capacity for pre- and AMC filtration
- Individual control
- Low power consumption

|                            |   |
|----------------------------|---|
| <b>Application</b>         | Flexible and economical modular solution to equip clean rooms in turbulent or 100% unidirectional airflow, from ISO 8 to ISO 1  |
| <b>Product voltage (V)</b> | 200...240V  |
| <b>Type</b>                | Fan filter unit   |
| <b>Temperature max</b>     | 0 - 40°C  |
| <b>Mounting/Frames</b>     | Installation in Camfil CamGRID-FFU ceiling or equivalent systems  |
| <b>Comment</b>             | Construction: Aluminum housing, powder coated steel on request<br>Fan: Efficient EC motor with backwards-curved blades<br>Airflow control: BUS controlled system or handheld control<br>Filter: Megalam H14, U15 or U16, MD, MX or MG with dry PU gasket to be ordered separately |

## EC Motor technical data:

Voltage: 200 - 277 V

Frequency: 50/60 Hz

Nominal current: 1,8 - 1,3 A

Max. rotation speed: 300 - 1300 rpm

Nominal power: 370 W

Operating temperature limits: 0 - 40°C

| Type       | Dimensions WxHxD (mm) | Air Flow/pressure drop (m <sup>3</sup> /h/Pa) | Sound level (dB) | Power Consumption (W) | Weight (kg) | Velocity (m/s) |
|------------|-----------------------|---|------------------|-----------------------|-------------|----------------|
| HP-EC High | 1132x1132x440         | 2330/120                                      | 52               | 195                   | 45          | 0.5            |
| HP-EC Low  | 1132x1132x440         | 1500/80                                       | 44               | 83                    | 45          | 0.3            |
| HP-EC High | 1132x832x440          | 1730/120                                      | 49               | 142                   | 39          | 0.5            |
| HP-EC Low  | 1132x832x440          | 1150/80                                       | 42               | 68                    | 39          | 0.3            |
| HP-EC High | 1132x532x440          | 1160/120                                      | 47               | 89                    | 25          | 0.5            |
| HP-EC Low  | 1132x532x440          | 770/80  | 41               | 46                    | 25          | 0.3            |

Type: without filter

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As part of our program for continuous improvement, Camfil reserves the right to change specifications without notice. 2019-02-25

