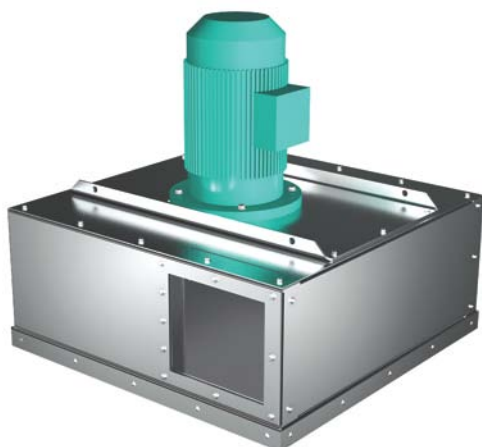


## FM Fan

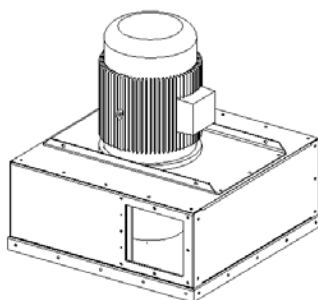
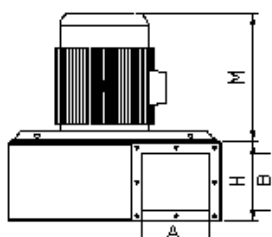
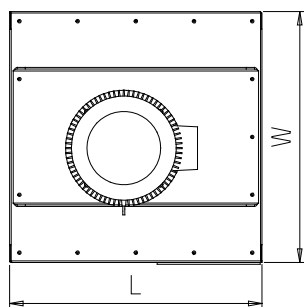
### High efficiency fan for the FM filter range



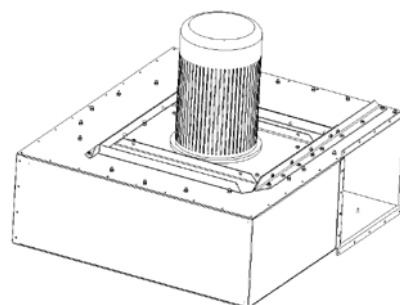
The FM fan range is designed exclusively for direct mounting to the clean air chamber of the FM filter units.

The FM fans are designed for high efficiency with low noise levels and are of the non-over-loading type. This gives a safe and reliable system with minimal power consumption when under reduced loads. The fans are only available in RD version.

| Specifications           | Standard                             |
|--------------------------|--------------------------------------|
| Fan, material            | Galv. steel, 2 mm<br>(FM1000 = 4 mm) |
| Motor, electrical supply | 3 x 400V, 50 Hz<br>3 x 400/630V 50Hz |
| Motor and fan speed      | 2900 RPM                             |
| Outlet                   | Dia. 160 to 630 mm                   |



**FM620 – FM835**



**FM 1000**

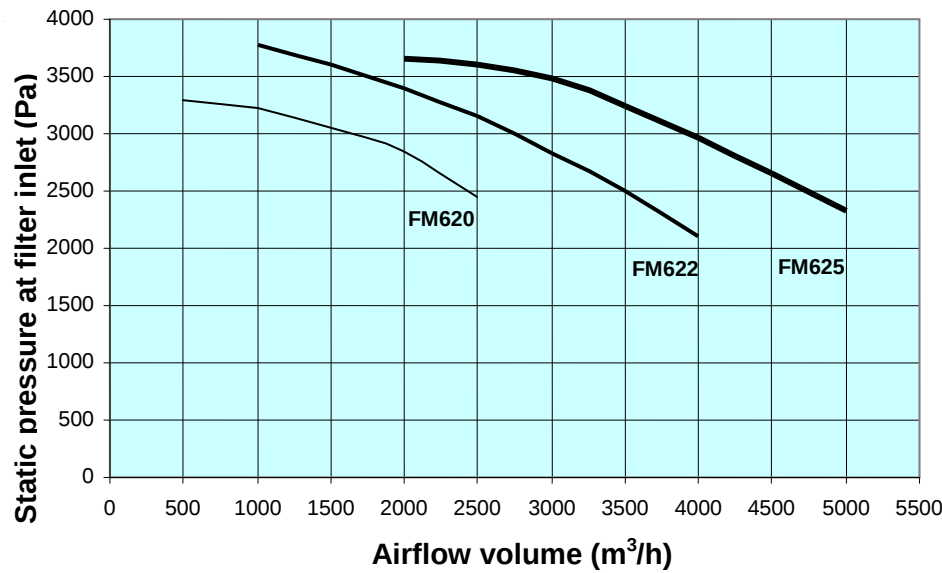
| Type   | Motor size (kW) | Weight* (kg) | Optimum duty point (m³/h) | Noise level (dB(A)/1m)¹ | Max. RPM | Efficiency (%) | Max. recomm. air flow (m³/h) | L (mm) | W (mm) | H (mm) | M (mm) | A (mm) | B (mm) |
|--------|-----------------|--------------|---------------------------|-------------------------|----------|----------------|------------------------------|--------|--------|--------|--------|--------|--------|
| FM620  | 3.0             | 74           | 2,000                     | 65                      | 3600     | 82             | 3,000                        | 650    | 650    | 245    | 350    | 205    | 180    |
| FM622  | 4.0             | 83           | 3,000                     | 69                      | 3600     | 82             | 4,000                        | 650    | 650    | 245    | 370    | 205    | 180    |
| FM625  | 5.5             | 95           | 4,000                     | 67                      | 3600     | 82             | 5,000                        | 650    | 650    | 245    | 430    | 205    | 180    |
| FM825  | 7.5             | 150          | 5,000                     | 72                      | 3600     | 82             | 6,000                        | 800    | 800    | 465    | 430    | 262    | 380    |
| FM831  | 11.0            | 166          | 7,000                     | 73                      | 3600     | 82             | 8,000                        | 800    | 800    | 465    | 505    | 262    | 380    |
| FM835  | 15.0            | 180          | 9,000                     | 74                      | 3600     | 81             | 10,000                       | 800    | 800    | 465    | 505    | 262    | 380    |
| FM1000 | 18,5            | 260          | 14,000                    | 76                      | 3000     | 82             | 16,000                       | 1205   | 1046   | 378    | 560    | 452    | 372    |

\* Approx. total weight of fan and motor. If other motors are used, check the weight.

Noise level and efficiency apply to the optimum duty point.

Note 1: Incl. pipe connections. The noise level from the outlet is not included.

**FM fans**  
(Includes all internal resistance except filter media.)



**FM fans**  
(Includes all internal resistance except filter media.)

