

VMPF

Medium Pressure Centrifugal Fan



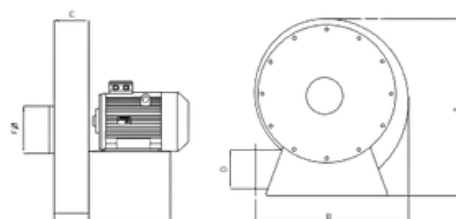
| | |
|------------------------|------------------------------|
| MOTOR INSULATION CLASS | F CLASS |
| MOTOR PROTECTION CLASS | IP 55 |
| MOTOR EFFICIENCY CLASS | IE2, IE3 |
| MOTOR ENCLOSURE TYPE | TEFC |
| MOTOR BRAND | GAMAK, WAT |
| BODY MATERIAL | DKP STEEL SHEET |
| BODY COATING | ELECTROSTATIC POWDER COATING |
| IMPELLER MATERIAL | DKP STEEL SHEET |
| DUTY CYCLE | IEC Duty Cycle-S1 |
| WORKING TEMPERATURE | -20 - +50 °C |
| STANDARDS | IEC-60335-2-80, ISO 1940-1 |

Collecting dust ventilation, also known as dust collection or dust extraction, is a process used in various industrial and commercial settings to remove airborne dust and particulate matter from the environment, ensuring cleaner air and a safer working environment.

Efficient dust collection and ventilation systems are crucial for various industries, including woodworking, metalworking, pharmaceuticals, food processing, and many others where dust and particulate matter are generated during production processes. Proper design, installation, and maintenance of these systems are essential to maximize their effectiveness.

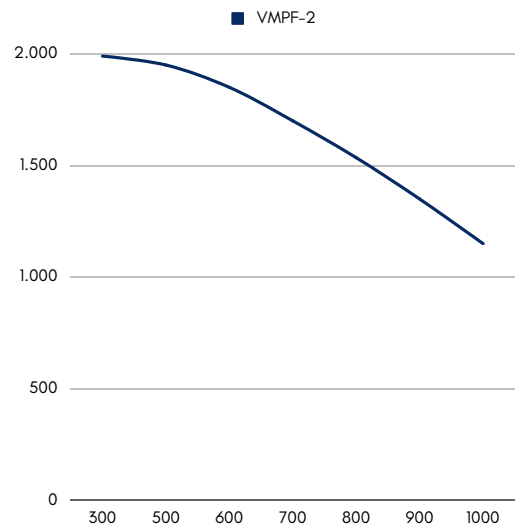
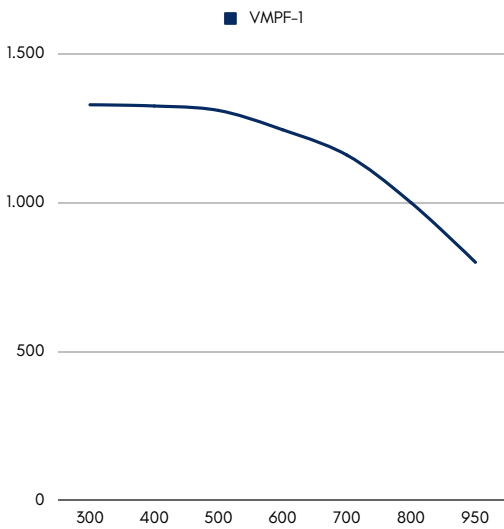
| Model | Voltage (V) | Frequency (Hz) | Power (KW) | Speed (r.p.m) | Airflow (m³/h) | Current (A) | Pressure (Max.pa) | Weight (kg) |
|---------|-------------|----------------|------------|---------------|----------------|-------------|-------------------|-------------|
| VMPF-1 | 230 / 380 | 50 | 0,37 | 2800 | 950 | 2.5/1.1 | 1300 | 24,5 |
| VMPF-2 | 230 / 380 | 50 | 0,75 | 2800 | 1000 | 5/1.8 | 2000 | 31 |
| VMPF-3 | 230 / 380 | 50 | 1,10 | 2800 | 1300 | 7.1/2.4 | 3000 | 35 |
| VMPF-4 | 230 / 380 | 50 | 1,50 | 2800 | 1600 | 10/3.4 | 3500 | 42 |
| VMPF-5 | 230 / 380 | 50 | 2,20 | 2800 | 1900 | 13/4.6 | 4000 | 45 |
| VMPF-6 | 230 / 380 | 50 | 3,00 | 2800 | 2200 | 17.8/6 | 4500 | 56 |
| VMPF-7 | 380 | 50 | 4,00 | 2800 | 2500 | 8 | 5000 | 64 |
| VMPF-8 | 380 | 50 | 5,50 | 2800 | 3000 | 10.5 | 6000 | 85 |
| VMPF-9 | 380 | 50 | 7,50 | 2800 | 4000 | 14 | 7250 | 98 |
| VMPF-10 | 380 | 50 | 11,00 | 2800 | 6000 | 20 | 8000 | 130 |

DRAWING



| Model | A | B | C | D | ØF |
|---------|-----|-----|-----|-----|-----|
| VMPF-1 | 410 | 500 | 100 | 100 | 100 |
| VMPF-2 | 500 | 580 | 100 | 100 | 120 |
| VMPF-3 | 530 | 610 | 100 | 100 | 120 |
| VMPF-4 | 530 | 620 | 120 | 120 | 140 |
| VMPF-5 | 590 | 650 | 120 | 120 | 140 |
| VMPF-6 | 660 | 700 | 150 | 150 | 150 |
| VMPF-7 | 670 | 720 | 150 | 150 | 150 |
| VMPF-8 | 750 | 780 | 150 | 150 | 150 |
| VMPF-9 | 790 | 820 | 180 | 180 | 180 |
| VMPF-10 | 830 | 790 | 200 | 200 | 220 |

PERFORMANCE CURVES



RADIAL FANS / Medium Pressure Centrifugal Fans

