ebm-papst Inc.
The world’s leading source for engineered air movement solutions
World headquarters - Mullingen, Germany
North American headquarters - Farmington, Connecticut

Market overview
Agriculture  Commercial Refrigeration  IT / Telecom
Air-conditioning  Data Center  Lighting
Alternative Energy  Heating & Ventilation  Medical
Appliance  Industrial  Transportation

Why ebm-papst
Global technology leader
Innovative solutions provider
Most extensive range of products and markets served
High quality / reliability
Many IP68 rated products available

Features and benefits
Extensive support:
Dedicated sales force
Market managers
Application engineers
Customer relations

Core competencies:
Motor technology
Aerodynamics
Electronics

Design and build:
Hardware and software
Test equipment
Prototypes

Testing & analysis:
Acoustic
Air flow
Electrical engineering
Environmental
Reliability
CFD Simulation

Equipment:
Acoustic test chamber
Air test chamber
Burn-in oven
Powder paint system
Robotic welder
Sheet metal fabrication

GreenTech® philosophy:
Acknowledged and certified
Pro-active development
Eco-friendly production
Energy-efficient
EC Technology
Compact fans
Compact, quiet and highly efficient energy-saving fans. Available for all voltages and in all standard sizes.
Applications: Medical equipment, power supplies, printers/copiers, routers, servers
Markets: Data Center, Industrial, IT / Telecom, Medical
Size: Ø 1 in. to 11 in. (25 mm to 280 mm) CFM: 1.2 to 1,200
Accessories: Connecting cables, filters, finger guards, screens, spacers and temperature sensors

FlatPak® blowers
Flat, low-noise, pressure-resistant fans developed for installations of equipment within compact space.
Applications: Electronic, medical equipment, power supplies, routers, servers
Markets: Data Center, Industrial, IT / Telecom, Medical
Size: Ø 2 in. to 8.7 in. (51 mm to 220 mm) CFM: 5.7 to 261

Backward curved motorized impellers
Supply air flow at medium system pressures; air is drawn in over the motor and discharged radially.
Applications: Cleanrooms, exhaust systems, routers, telecom equipment
Markets: Data Center, IT / Telecom, Transportation, Ventilation
Size: Ø 4 in. to 50 in. (100 mm to 1250 mm) CFM: 50 to 30,000

Axial fans
Supply air flow at low system pressures. Complete fan packages provide easy mounting, minimal depth, low noise and high efficiency.
Applications: Condensers, horticulture, industrial and commercial air conditioners, livestock ventilation
Markets: Agriculture, Air-conditioning, Commercial Refrigeration, Data Center, Industrial, Ventilation
Size: Ø 8 in. to 63 in. (200 mm to 1600 mm) CFM: 250 to 49,000
Accessories: AxiTop™, FlowGrid

Centrifugal blowers
Suitable for applications with relatively high pressures. External rotor motor combined with a forward curved centrifugal wheel with a scroll housing.
Applications: Exhaust systems, range hoods, machine cooling
Markets: Air-conditioning, Appliance, Industrial, Transportation, Ventilation
Size: Ø 1.5 in. to 18 in. (40 mm to 450 mm) CFM: 10.6 to 5,600

Tangential (cross-flow) blowers
Provide even, low velocity airflow over a wide area. Feature a narrow footprint and are available in many different lengths.
Applications: Fireplace inserts, pellet stoves, industrial cabinet cooling
Markets: Heating, Industrial
Size: 2.4 in. to 28 in. (60 mm to 710 mm) CFM: 10 to 250

Hot air blowers
Features an AC motor mounted outside the hot area and a radial impeller made of sheet steel, stainless steel, or die-cast aluminum for mounting in the hot area.
Applications: Convection ovens
Markets: Heating, Industrial
Size: Ø 4 in. to 9 in. (100 mm to 225 mm) CFM: 53 to 820
Note: Motor supplied bundled with blade, nut, and washer

IP68 fans
Environmentally protected fans that offer a high level of protection against water and dust.
Applications: Any equipment exposed to dust, water or humidity
Size: Ø 2.36 in. to 7.48 in. (60 mm to 190 mm) CFM: 24 to 377
Note: Our product is certified to IP68. We also have products certified to other IP ratings.