



AIR MOVEMENT EXPERTISE

ebm-papst is an innovator and global market leader in fans, blowers, and motors with core competencies in motor technology, aerodynamics, and electronics. Their comprehensive portfolio of over 15,000 different AC, DC, and EC powered products features the latest designs to optimize air flow, maximize efficiency and decrease noise. ebm-papst's extensive knowledge and resources allow them to consistently supply the optimal air movement solution for applications in a wide variety of markets and industries.

Why ebm-papst

Innovative Solutions

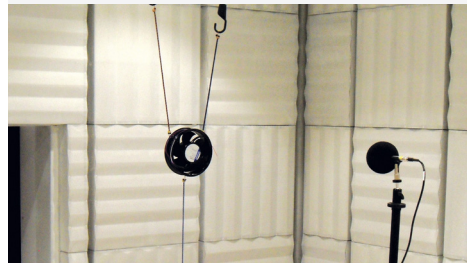
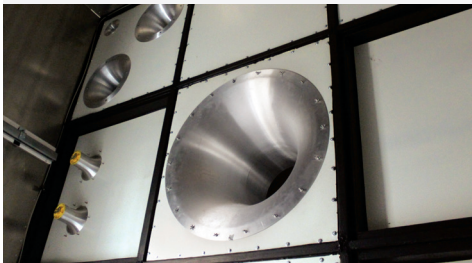
- Optimize Air Flow
- Lower Energy Consumption
- Minimize Noise
- Reduce Operating Costs
- EC Advanced Technology
- Extensive IP68 Offering

Testing and Analysis:

- Acoustic
- Air Performance
- Circuit Analysis
- Environmental
- Reliability
- CFD Simulation

Equipment:

- Acoustic Test Chamber
- Air Testing Lab
- Burn-in Ovens
- Electrostatic Powder Paint System
- Robotic Welder
- Sheet Metal Fabrication



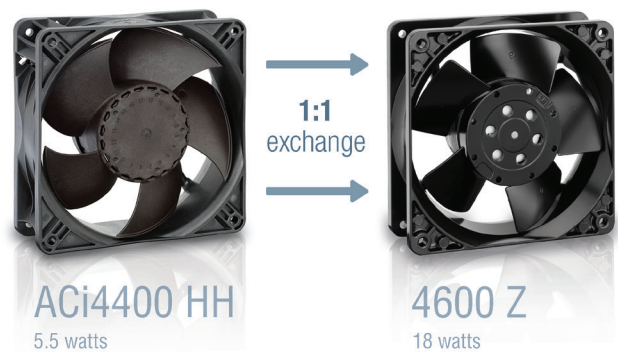
PRODUCT HIGHLIGHT

ACi4400 SERIES GREENTECH EC COMPACT FANS

IMPROVED. INTEGRATED. INTELLIGENT.

Exceptionally efficient and compact, this series offers variety of control, monitoring, and protection options, all while utilizing 75% less power and featuring a noise reduction of up to 8 dB versus equivalent AC fans. A 1:1 exchange ratio makes upgrading from conventional AC fans that use low efficiency shaded-pole motors to GreenTech EC compact fans a breeze.

- Up to 85% longer service life
- Global voltage range models available (100-240V)
- Protection rating of up to IP68 offered



PRODUCT LINE/DESCRIPTION	APPLICATIONS/MARKETS	SIZE/CFM
 <p>COMPACT FANS Compact, quiet, and highly efficient energy-saving fans. Available in many voltages and in all standard sizes.</p>	<p><i>Applications:</i> EV charging stations, laser cooling, medical equipment, power supplies, printers / copiers, routers, servers</p> <p><i>Markets:</i> Data Center, Industrial, IT / Telecom, Medical</p>	<ul style="list-style-type: none"> • AC Size: Ø80 - 225 mm CFM: 14.1 - 1,106 • DC Size: Ø25 - 250 mm CFM: 1.2 - 1,200 • EC Size: Ø80 - 250 mm CFM: 47 - 1,120
 <p>RADICAL® BACKWARD CURVED MOTORIZED IMPELLERS Supply air flow at medium system pressures; air is drawn in over the motor and discharged radially.</p>	<p><i>Applications:</i> Cleanrooms, exhaust systems, routers, telecom equipment</p> <p><i>Markets:</i> Data Center, IT / Telecom, Transportation, Ventilation</p>	<ul style="list-style-type: none"> • AC Size: Ø130 - 630 mm CFM: 135 - 10,470 • EC Size: Ø130 - 630 mm CFM: 165 - 9,915
 <p>AXIAL FANS Supply air flow at low system pressures. Complete fan packages provide easy mounting, minimal depth, low noise, and high efficiency.</p>	<p><i>Applications:</i> Condensers, horticulture, industrial and commercial air conditioners, livestock ventilation</p> <p><i>Markets:</i> Agriculture, Air-conditioning, Commercial Refrigeration, Data Center, Industrial, Ventilation</p>	<ul style="list-style-type: none"> • AC Size: Ø200 - 910 mm CFM: 300 - 18,876 • EC Size: Ø200 - 1600 mm CFM: 325 - 49,000
 <p>CENTRIFUGAL BLOWERS Suitable for applications with relatively high pressures. External rotor motor combined with a forward curved centrifugal wheel with a scroll housing.</p>	<p><i>Applications:</i> Exhaust systems, range hoods, machine cooling</p> <p><i>Markets:</i> Air-conditioning, Appliance, Industrial, Transportation, Ventilation</p>	<ul style="list-style-type: none"> • AC Size: Ø85 - 400 mm CFM: 47 - 4,410 • DC Size: Ø40 mm CFM: 10.6 • EC Size: Ø85 - 450 mm CFM: 56 - 5,600
 <p>COOLING SOLUTIONS FOR THE LIGHTING INDUSTRY Industry-leading lifetime, efficiency, reliability, and noise signatures – virtually silent at as low as 7 dB(A). Reference designs for Bridgelux, CREE, Phillips, Xicato and more.</p>	<p><i>Applications:</i> Digital signage, kiosks, theatrical and stage lighting, retail and high bay lighting, architectural lighting, spot / track lighting</p> <p><i>Markets:</i> Lighting</p>	<ul style="list-style-type: none"> • DC Size: Ø25 to 200 mm CFM: 0.5 - 150