

Efficient Air Moving Solutions for Refrigeration Applications

ebmpapst

The engineer's choice

Transition yesterdays inefficient and inflexible AC technology fan designs to today's ebm-papst GreenTech EC products and...

- » Cut refrigeration fan motor energy costs up to 77%
- » Reduce the refrigeration system heat load
- » Improve system life
- » Increase control options

Select from three main product types...

- » 4-pin hub drive motor with 13W shaft power for use with stamped metal blades
- » Small compact axial fans covering an airflow range from 47-220 CFM
- » Larger axial and centrifugal fans covering an airflow range from 200 - 825 CFM

In addition to the valuable power savings, all types provide...

- » Dust and splash water protection suitable for commercial refrigeration applications
- » Long service life - similar to DC fans
- » UL Recognition and many have hydrocarbon refrigerant certification

Special features available on certain types...

- » 2-speeds for additional power savings
- » Speeds programmable by end user
- » Reverse rotation

Applications for product use...

- » Display cases
- » Beverage coolers
- » Ice machines
- » Anti-sweat heaters
- » Freezer cases
- » Wine coolers



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iQ3612: 4-pin hub drive EC motor, 13 watt

- » **Reduce power as much as 66%** over shaded-pole unit bearing motors
- » Drop-in replacement for ebm-papst M4Q045 type shaded-pole motors
- » Replace other unit bearing motors with slight mounting modifications
- » Three mounting options included

For more info go to: catalog.ebmpapst.us/brochures/iQ3600.pdf



GreenTech EC Compact Fans with external EC module attached:

- » 5 sizes covering flow range from 47 - 206 CFM
- » **Up to 77% more efficient** than equivalent AC fans
- » Universal voltage 85-265V and 50 or 60Hz



GreenTech EC Compact Fans with fully integrated EC module:

- » ACi4400 series - 119mm x 38mm
- » **106 CFM at only 4.4 Watts**
- » Drop-in replacement for 4600 series AC fans
- » Identical dimensions to equivalent AC fans

For more info: catalog.ebmpapst.us/allPDFs/ACi4400_11-2013.pdf



Introducing the newest product in the GreenTech EC compact fan line!

- » W1G130 series with 5" Ø axial blade (150mm x 57mm)
- » **220 CFM at only 25 watts**
- » Drop-in replacement for W2S130-AA25 AC fans
- » 2 speeds for additional energy savings

For more info: catalog.ebmpapst.us/allpdfs/W1G130.pdf



Larger Axial and Centrifugal Fans with Energy Saving Motors (ESM)

- » 7, 8, 9 and 12" Ø axial blades, up to 825 CFM
- » **440 CFM at only 30 watts**
- » 2 speeds for additional energy savings
- » Grounding protection class II - no ground necessary
- » Diagonal and radial flow versions for higher static pressure applications

For more info: www.ebmpapst.us/esm

