

SYNERGY series

PEERLESS
B L O W E R S

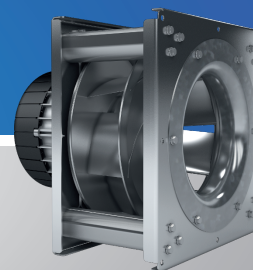
PLUGlight



PLENUMclassic



PLUGprime

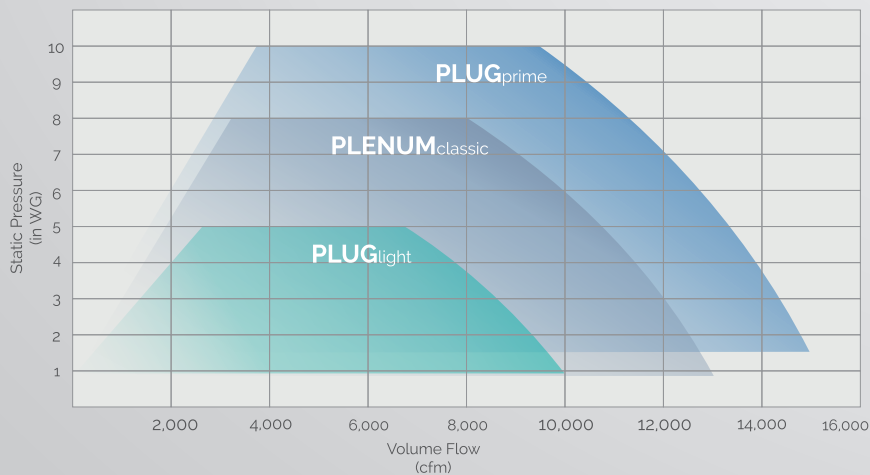


A BREAKTHROUGH IN ENERGY EFFICIENCY

THE NEW PEERLESS BLOWERS SYNERGY SERIES

A breakthrough in energy efficiency - Discover the first complete Plug and Plenum Fan series for static pressure increases of up to 10 inch water gage (AMCA classes I, II and III).

Three space-saving, plug & play models are perfect for the energy efficient retrofit of any air handling unit or custom-built ventilation application. The Synergy Series models are suited for different types of installation such as horizontal, vertical or stacked (fan arrays).



FOCUS ON: EFFICIENCY

The Synergy Series Direct Drive Plenum and Plug Fans combine American made engineering with the latest in European impeller diffuser technology to create the most efficient plug and plenum fans on the market. The Synergy Fans achieve the highest levels of efficiency while offering maximum controllability, long reliability and quieter operation.

PLUG_{light}

- up to 4" WG
- lightweight aluminum impeller
- EC external rotor motor



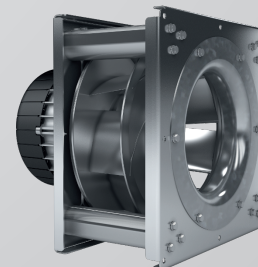
PLENUM_{classic}

- up to 8" WG
- welded steel impeller
- AC shaft motor



PLUG_{prime}

- up to 10" WG
- airfoil aluminum impeller
- EC shaft motor



LIGHTWEIGHT, ECONOMICAL: PLUGlight

Equipped with a lightweight aluminum impeller and an EC external rotor motor, the PLUGlight allows for extremely compact application designs.

PROPERTIES

- 4 in WG max. static pressure increase in BEP (best efficiency point)
- suitable for AMCA class I applications
- 7,200 CFM max. air flow
- 63% max. system efficiency

TECHNICAL DATA

- 4 sizes: 14", 16", 18", 20" wheel diameter
- aluminum impeller, laminar blade
- galvanized steel frame
- inlet cone with static pressure tap for piezometer ring
- EC external rotor motor with integrated controller



ROBUST, RELIABLE: PLENUM_{classic}

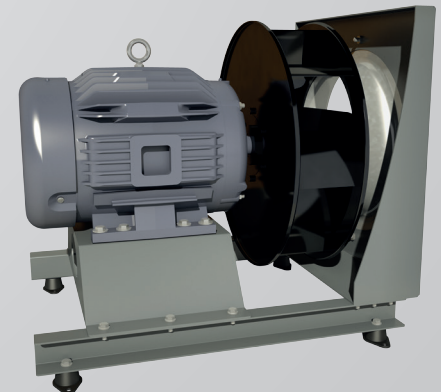
PLENUM_{classic} with a welded steel impeller is available with different AC shaft motor options, making this a versatile plenum fan for various ventilation applications.

PROPERTIES

- 8 in WG max. static pressure increase in BEP (best efficiency point)
- suitable for AMCA class II applications
- 13,800 CFM max. air flow
- 61% system efficiency

TECHNICAL DATA

- 5 sizes: 14", 16", 18", 20", 22" wheel diameter
- welded steel impeller, laminar blade
- powder-coated steel frame
- inlet cone with static pressure tap for piezometer ring
- AC shaft motor options

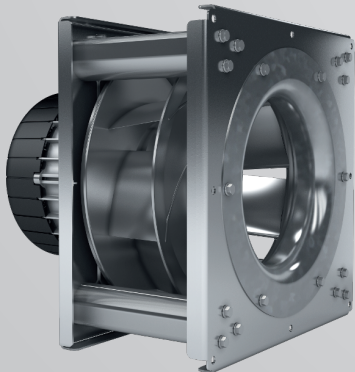


HIGH PRESSURE, SOUND-OPTIMIZED: PLUG_{prime}

Equipped with a welded aluminum airfoil impeller and an EC shaft motor, the PLUG_{prime} combines highest levels of efficiency, high power density and lowest noise transmission in one compact model.

PROPERTIES

- 10 in WG max. static pressure increase in BEP (best efficiency point)
- suitable for AMCA class III applications
- 14,000 CFM max. air flow
- 66% max. system efficiency



TECHNICAL DATA

- 5 sizes: 14", 16", 18", 20", 22" wheel diameter
- welded aluminum impeller, airfoil blade
- galvanized steel frame
- inlet cone with 4 static pressure taps for piezometer ring
- EC shaft motor with separate controller



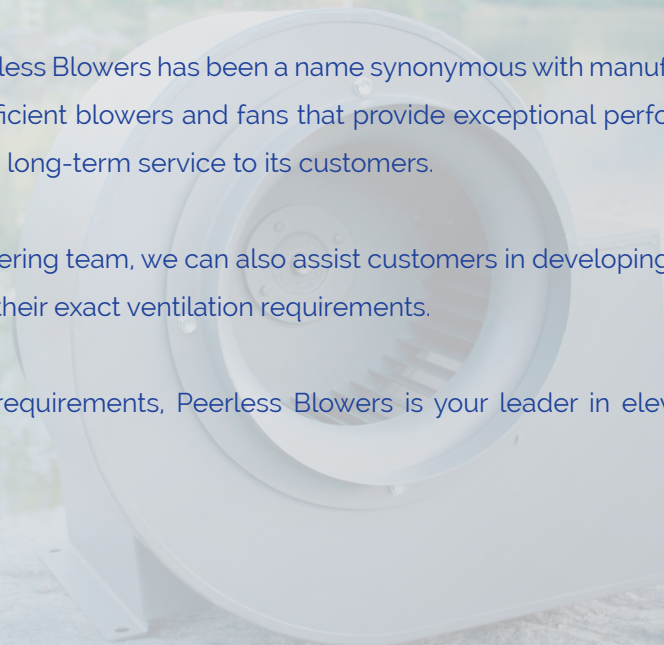
YOUR SOURCE IN ELEVATED AIR MOVEMENT

From well-tried forward and backward curved housed blowers to the latest in unpowered fan technology, Peerless Blowers offers the right solution for any HVAC application.

For more than 50 years, Peerless Blowers has been a name synonymous with manufacturing high-quality, reliable, and efficient blowers and fans that provide exceptional performance, cost-efficient operations and long-term service to its customers.

With an experienced engineering team, we can also assist customers in developing custom designed solutions to meet their exact ventilation requirements.

Regardless of your airflow requirements, Peerless Blowers is your leader in elevated air movement.





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