

# Multi Stage Fans

A range of direct-drive units offering quiet running and maintenance-free solutions for many higher pressure applications



Direct mounting of the impellers and low motor speeds deliver high-pressure performance with minimal noise levels. The modular construction of this range offers a wide choice of performance characteristics and power supply requirements, including DC or 400Hz, and ATEX hazardous area versions.

### Key Performance Figures:

- Flow rates up to 850m<sup>3</sup>/hr (500cfm)
- Pressures up to 160mBar (64In.Swg)
- 0.05kW (0.067HP) to 3kW (4HP)
- Low noise levels
- Reliable, maintenance-free operation

### Typical Applications:

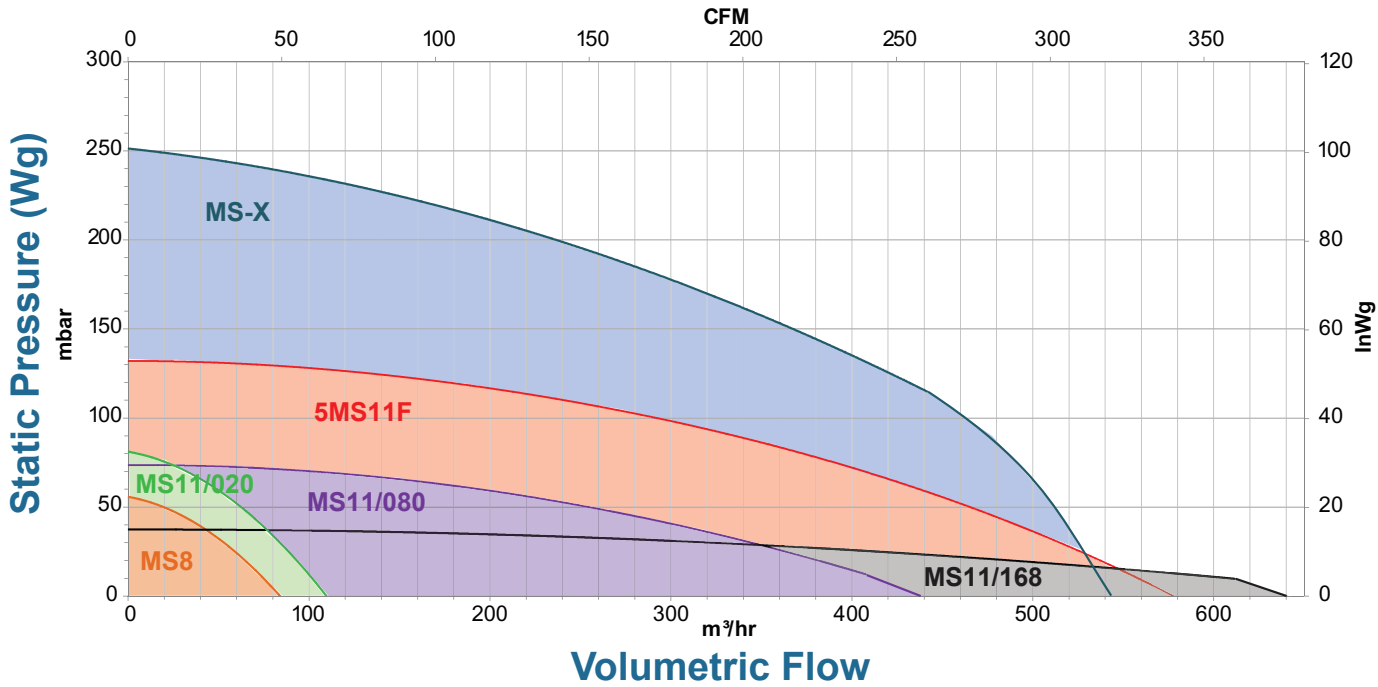
- Gas meter testing
- Screen print vacuum tables
- Fish tank aeration
- Glove box extraction systems
- Organ blowers
- Inflatable structures

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**50Hz Performance Curves:**

The illustrated curves are for 240V 1Ph 50Hz and for selection purposes only. For full performance details please refer to the specific data sheets.



All ACI Multi Stage blowers have a series of dynamically balanced impellers directly driven by the motor through an extended shaft. Varying air flow performances can be offered by simply changing the number of impellers. These blowers also have the advantage over side channel blowers of running with inlets and discharges blanked without the risk of motor damage.

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