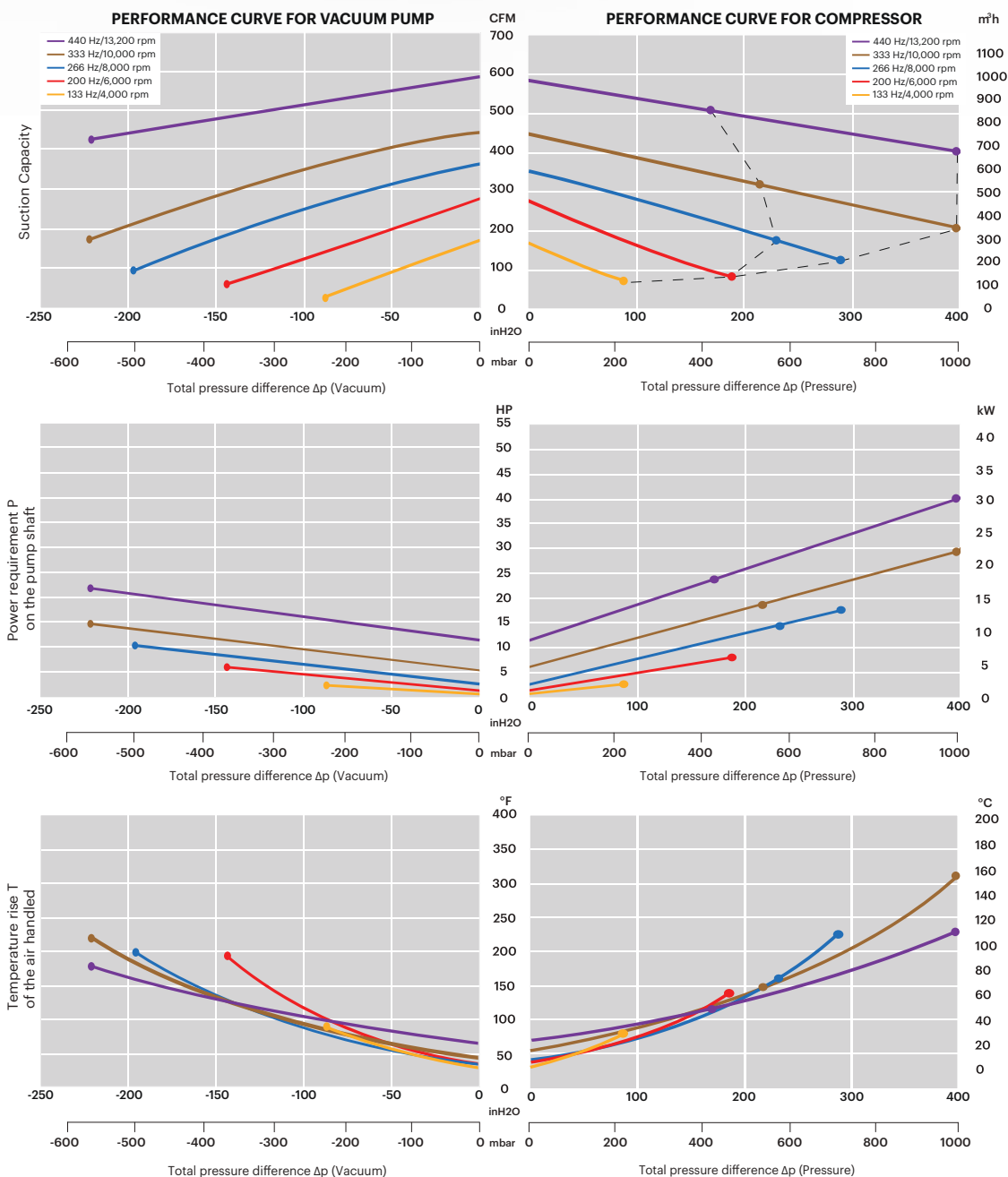


## FEATURES

- Oil-Free
- Non-contacting kinetic blower design
- Hybrid ceramic bearings
- Titanium impeller
- Low energy consumption
- Low noise level
- Maintenance-free
- IE4/NEMA super-premium permanent magnet motor
- Customized for your specific needs and application



## PERFORMANCE CURVES\*



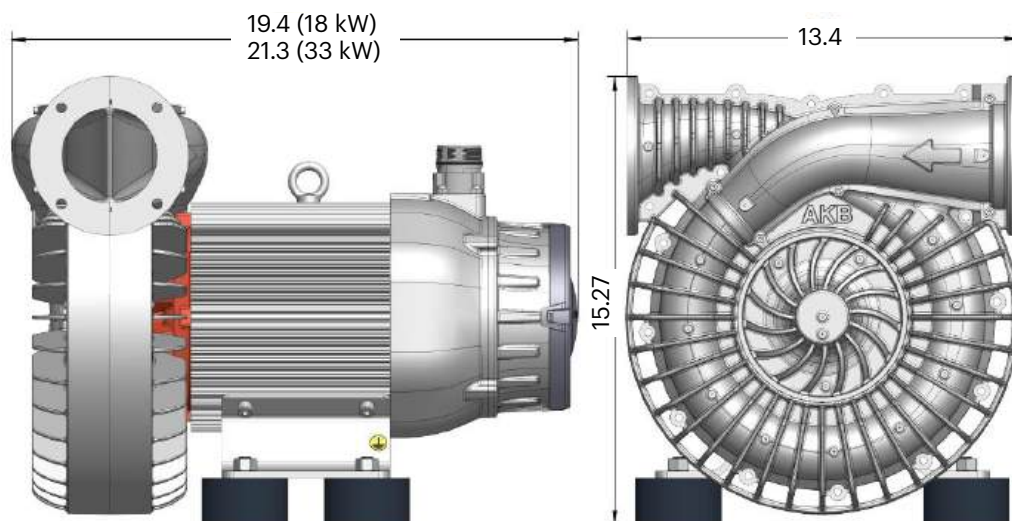
**AIRTECH GROUP, INC.**

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 FAX: (201) 569-1696

### PERFORMANCE DATA

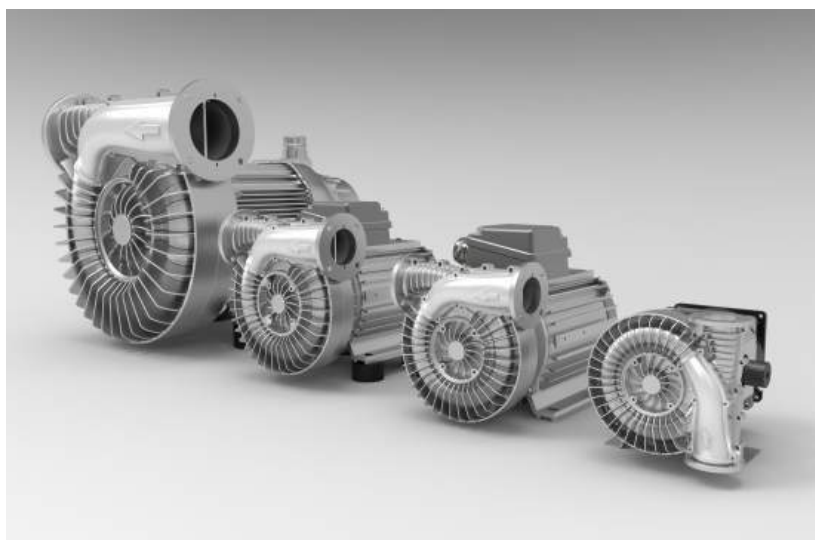
| Type             | P <sub>2</sub> Max<br>[HP] | fmax<br>[Hz] | QMax<br>[CFM] | n <sub>max</sub> <sup>(4)</sup><br>[RPM] | Δp <sub>max</sub> <sup>(1)</sup><br>[inch H <sub>2</sub> O] | U <sup>(2)</sup><br>[V]                                      | I <sub>max</sub><br>[A] | Motor<br>Efficiency  | Noise<br>Level<br>dB(A) <sup>(3)</sup> | Weight<br>[lbs.] |
|------------------|----------------------------|--------------|---------------|------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------|----------------------|----------------------------------------|------------------|
| AKB1000-1MB182-1 | 24.4                       | 440          | 588           | 13,200                                   | -225/257                                                    | 3ph, 380-480V,<br>50/60Hz<br>or<br>3ph, 208-240V,<br>50/60Hz | 37.0                    | IE4/Super<br>Premium | 75                                     | 97               |
| AKB1000-1MB322-1 | 43.7                       | 440          | 588           | 13,200                                   | -225/400                                                    |                                                              | 74.0                    | IE4/Super<br>Premium | 76                                     | 122              |

### DIMENSIONS



\*Curves are valid for continuous operation. Medium: air at 59°F, measured at inlet port and 14.696 psia atmospheric backpressure. Ambient temperature: -13° to +104°F. Curve values are nominal, actual performance may vary by up to 10% of the values indicated. For inlet temperatures above approximately 80°F or for handling gases other than air, please contact your Airtech sales representative for assistance.

### CUSTOM ENGINEERED SOLUTIONS



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