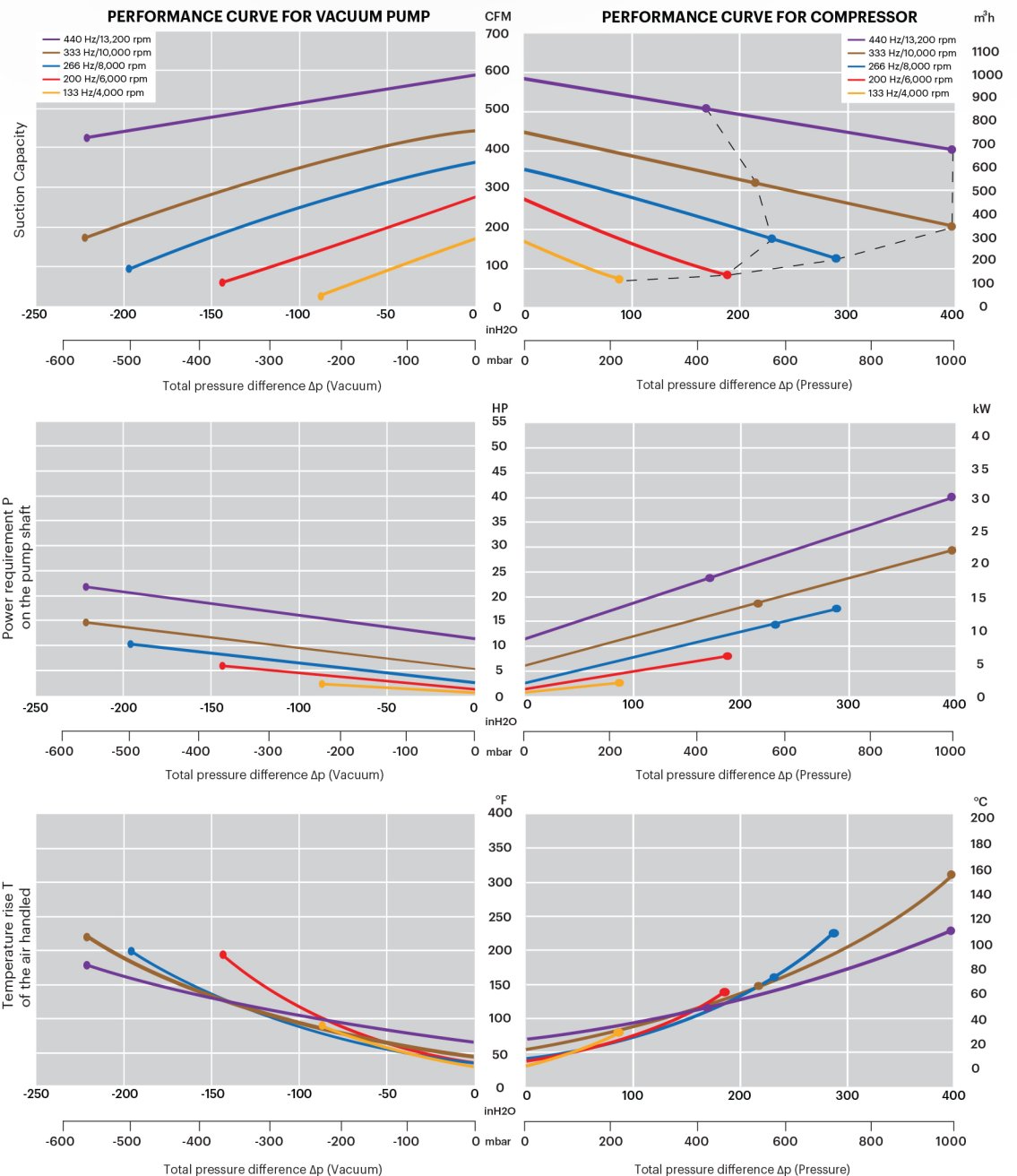


FEATURES

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



PERFORMANCE CURVES*



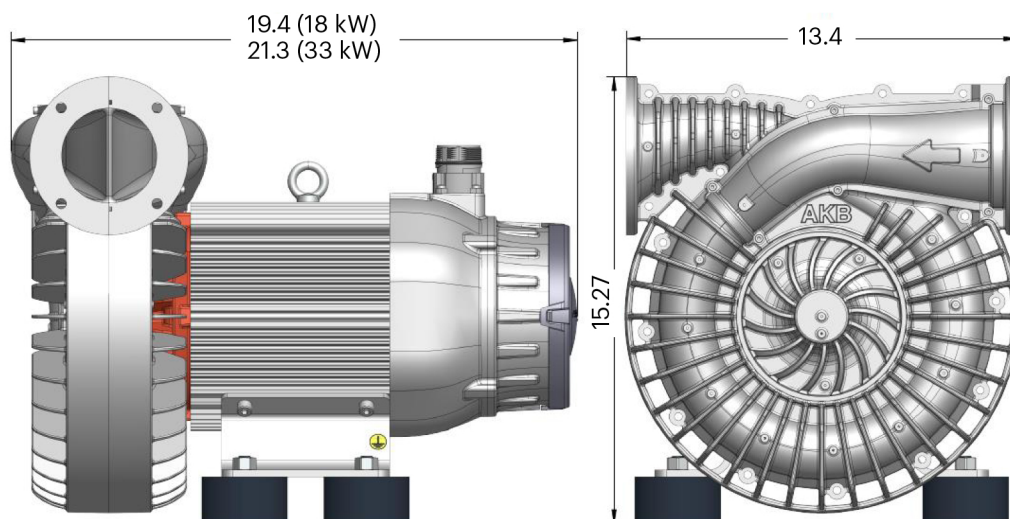
AIRTECH GROUP, INC.

RUTHERFORD, NJ 07070
 WWW.AIRTECHUSA.COM
 TEL: (888) 222-9940
 FAX: (201) 569-1696

PERFORMANCE DATA

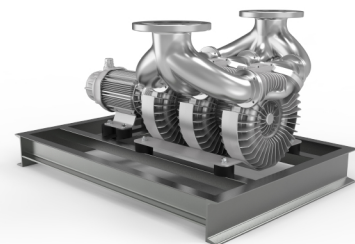
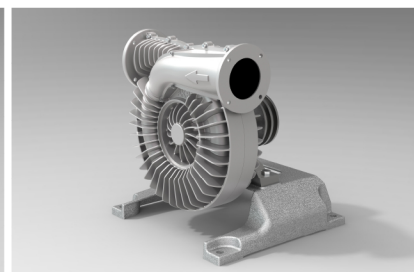
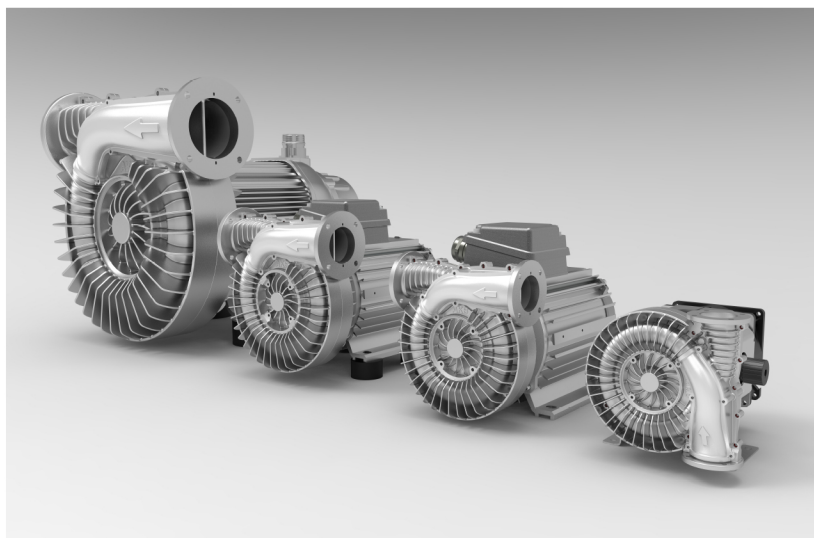
Type	P ₂ Max [HP]	fmax [Hz]	QMax [CFM]	n _{max} ⁽⁴⁾ [RPM]	Δp _{max} ⁽¹⁾ [inch H ₂ O]	U ⁽²⁾ [V]	I _{max} [A]	Motor Efficiency	Noise Level dB(A) ⁽³⁾	Weight [lbs.]
AKB1000-1MB182-1	24.4	440	588	13,200	-225/257	3ph, 380-480V, 50/60Hz or 3ph, 208-240V, 50/60Hz	37.0	IE4/Super Premium	75	97
AKB1000-1MB322-1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