

CENTRIFUGAL BLOWERS

JET SERIES

Jet Series centrifugal blowers are ideal for air knife drying, vacuum, cooling, & exhaust applications.

JetAir's blowers feature belt-free DirectDriveTM technology. They are enabled by a high-speed motor and an aerodynamically designed impeller. DirectDriveTM enhances reliability and boosts performance by eliminating belts, tensioning devices, and complex spindle assemblies. Jet Series blowers are engineered for moderate flow and pressure applications from 10HP to 40HP [7.5-30kW]. Their compact design enables them to fit into the widest range of OEM equipment.

MEET THE FAMILY

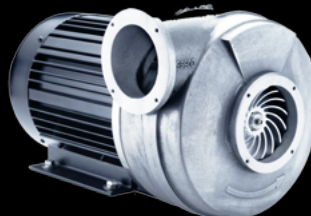
JET-2GTM



JET-1TM

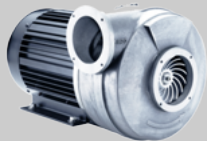
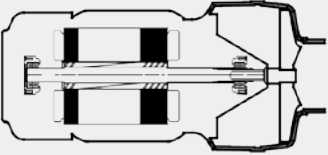


JET-5TM



JET-3TM



	JET-1™	JET-2G™	JET-3™	JET-5™
				
POWER	5-10HP [3.7-7.5kW] Flow: 760cfm [1280M3Hr] Pressure: 65"WG [160mBar] Vacuum: 58"WG [145mBar]	10-20HP [7.5-15kW] Flow: 1350cfm [2300M3Hr] Pressure: 95"WG [240mBar] Vacuum: 85"WG [210mBar]	10-20HP [7.5-15kW] Flow: 1200cfm [2040M3Hr] Pressure: 110" WG [275mBar] Vacuum: 96" WG [240mBar]	30-40HP [22-30kW] Flow: 2200cfm [3738M3Hr] Pressure: 140" WG [350mBar] Vacuum: 120" WG [300mBar]
DIM.	11.34"[288]W 17.60"[447]L 9.91"[251.6]H	13.70"[348]W 18.32"[465]L 12.84"[326]H	13.70"[348]W 12.10"[485]L 12.27"[311]H	15.89"[403]W 23.04"[585]L 14.00"[356]H
MOTOR	TEFC, IP54, External Junction Box 3-Phase, 190- 220, 390-480VAC, 50/60Hz, Thermistor, 105°F [40°C] Ambient	TEFC, IP54, External Junction Box 3-Phase, 190- 220, 390-480VAC, 50/60Hz, Thermistor, 105°F [40°C] Ambient	TEFC, IP54, External Junction Box 3-Phase, 190- 220, 390-480VAC, 50/60Hz, Thermistor, 105°F [40°C] Ambient	TEFC, IP54, External Junction Box 3-Phase, 190- 220, 390-480VAC, 50/60Hz, Thermistor, 105°F [40°C] Ambient
CXN	Inlet: 4"Ø [102mm] Outlet: 4"Ø [102mm] 360° Rotation	Inlet: 5"Ø [126mm] Outlet: 4"Ø [102mm] 360° Rotation	Inlet: 5"Ø [126mm] Outlet: 4"Ø [102mm] 360° Rotation	Inlet: 5"Ø [126mm] Outlet: 4"Ø [102mm] 360° Rotation
WT.	67 lbs. [31 kg]	79 lbs. [36 kg]	79 lbs. [36 kg]	180 lbs. [82 kg]
DIRECTDRIVE	 DIRECTDRIVE SIDE VIEW Jet Series Advantages: More reliability • More efficiency • More compact Lower maintenance costs • Lower electrical consumption Overnight delivery • Single stage centrifugal compressor Oil-less, spindle free design			

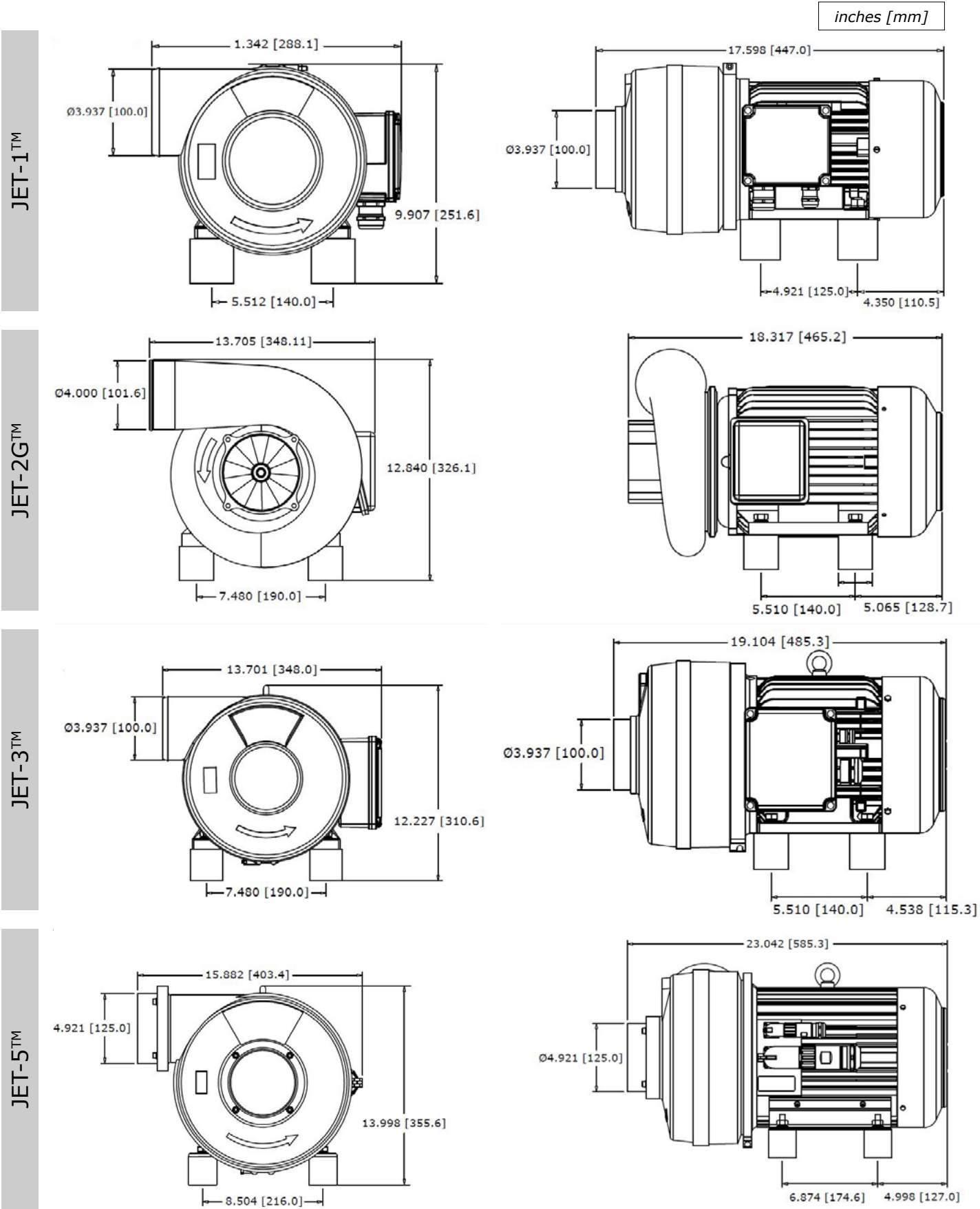
Blower Highlights:

 RELIABLE	 SMART	 EFFICIENT	 WELL DESIGNED
Jet Series Blowers include: - Built-in motor protection - Ultra-precise balancing - Air cooled - Fewer parts - Long service life - Low maintenance costs - No belts - Warranty included	Variable Frequency Drive (VFD) control enables: - Precise airflow settings - Lower utility expenses - PLC connectivity - Motor protection - Nonspiking soft-starts	Jet Series Blowers offer: 1 year payback 85% savings over compressed air - No belts 10-12% more efficient than other blowers - The lowest delivery costs	IMPELLER: 5 axis C355 aluminium BLOWER: - A356-T6 aluminum with integrated lifting eye - Wash-down cover available FOOTPRINT: 10-40HP in less than 24"

Blower Usage:

BEVERAGE	 - Dry for: labeling, coding, inspection, & secondary packaging - Single file or mass flow - Clean containers using ionized air before filling	POWDER	 - Dry powder blenders of any size - Remove statically charged powder from container interiors and exteriors
FOOD	 - Dry for labeling, coding, & secondary packaging - Smooth & cure coatings - Remove loose product - Remove excess water - Dry conveyors - Move product	PHARMA	 - Dry pouches: gusseted, pillow, etc. - Air rinse and/or dry containers with HEPA-filtered air - Remove debris - Dry IV bags
INDUSTRIAL	 - Machine tool coolant removal - Dry sheets, crates, & wire - Dry large applications - Debris, bead blast, & casting sand removal - Dry before coding - Edge curing - Cooling	MORE	 Automotive: Battery process drying, pre-paint ionized air rinse, parts blow-off Textile: Vacuum cutting tables Customized Solutions: Engineered-to-order systems for drying and air rinsing applications





Blower Curves:

Variable frequency drive allows blowers to run at different speeds as shown below.

