

CXFFJ

MAGLEV TURBO BLOWER

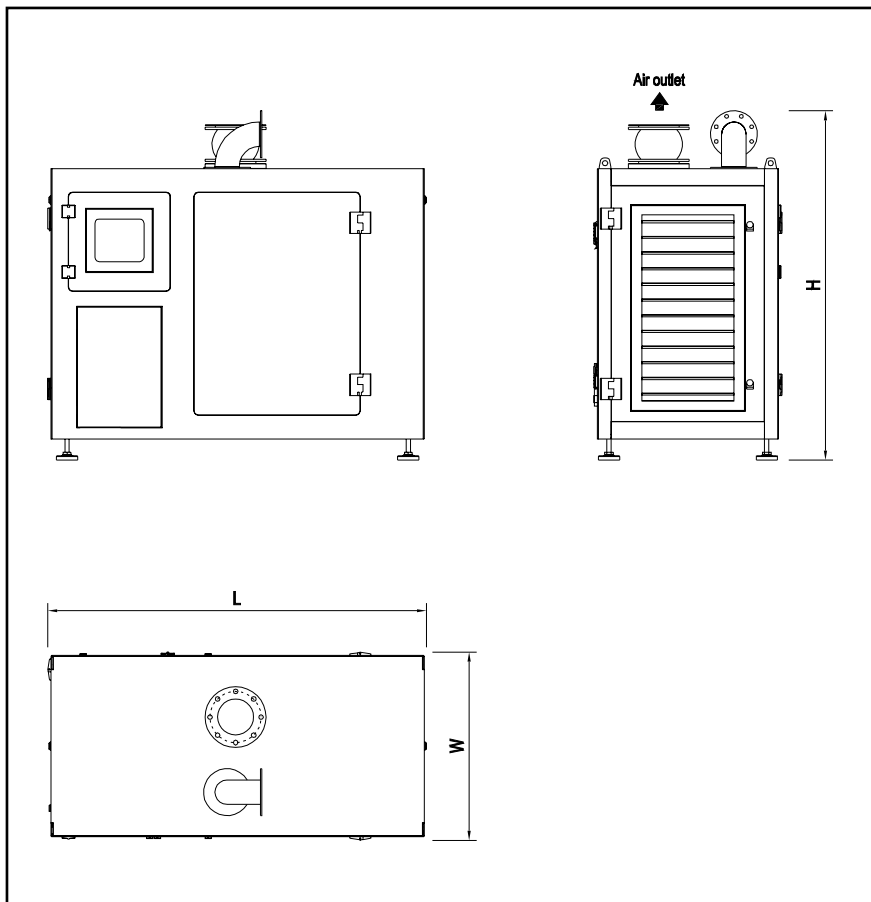
This MAGLEV TURBO BLOWER utilizes magnetic levitation bearing technology, eliminating frictional loss from traditional mechanical bearings and enhancing equipment reliability and stability. Its permanent magnet motor, designed without a stator coil, operates at lower rotor temperatures and achieves up to 97% efficiency compared to conventional motors.

The three-element flow impeller minimizes vortex loss for high aerodynamic performance. With no bearings at either end of the motor shaft, the blower features contact-free magnetic suspension, requiring no lubrication and producing lower vibration. Noise levels are 15–20dB lower than those of a Roots blower, and outlet airflow temperatures are reduced by 10–20° C, resulting in lower moisture loss. Overall, the system delivers up to 15% power savings.



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Model	Capacity (m ³ /min)	Pressure (kPa)	Power (kW)	Air Outlet (DN)	Weight (kg)	Dimensions (L×W×H) (mm)
CXFFJ-30	17-28	80-40	22	150	735	1750×850×1640
CXFFJ-50	19-48	120-40	37	150	735	1750×850×1640
CXFFJ-75	29-75	120-40	55	200	967	1830×950×1740
CXFFJ-100	40-100	120-40	75	200	967	1830×950×1740
CXFFJ-125	50-125	120-40	95	250	1040	1950×1100×1870
CXFFJ-150	53-150	120-40	110	250	1040	1950×1100×1870
CXFFJ-200	60-200	120-40	150	300	1235	2350×1250×2160
CXFFJ-250	98-245	120-40	185	400	1450	2380×1305×2580