

WINDJAMMER

Model: 119105-00

MECHANICAL

DIAMETER: 5.7" (145mm)
DISCHARGE TYPE: Tangential
DISCHARGE: ø2.50" Exhaust
APPROXIMATE WEIGHT: 6lbs/2.2kg

PERFORMANCE

FLOW CLASSIFICATION: Ultra High Flow
STAGES: 1 Stage

TEMPERATURE

OPERATING TEMP: 0°C to 50°C
STORAGE TEMP: -40°C to 85°C

ELECTRICAL

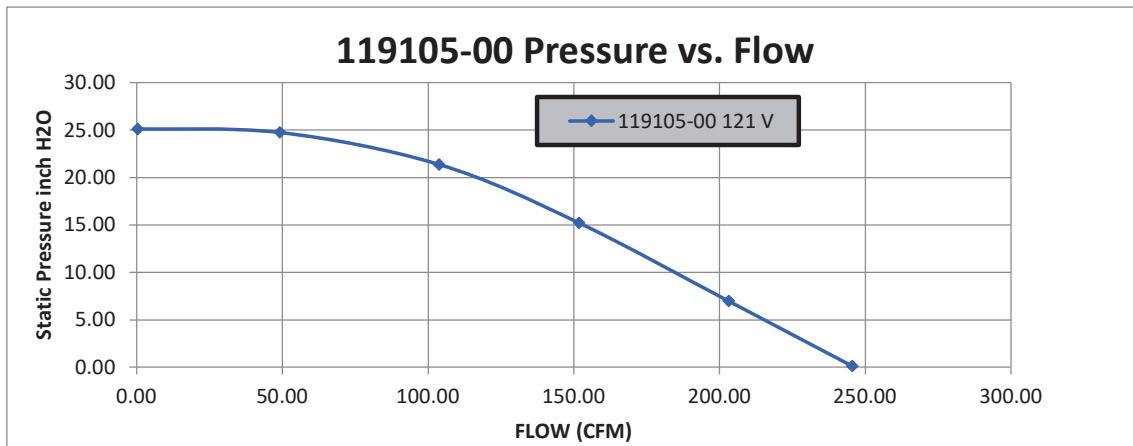
OPERATING INPUT VOLTAGE: RANGE: 108-132 VAC
OPERATING INPUT VOLTAGE: 120V

OPTIONAL FEATURES

SPEED CONTROL: Closed Loop, 5-Pin Power Connector

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach
UL FILE NUMBER: E94403
FULL LOAD AMPS: 13.2A



Flow Rate <i>cfm</i>	Static Pressure <i>inch H2O</i>	Total Pressure <i>inch H2O</i>	Current <i>A</i>	Power Demand <i>W</i>	Voltage <i>V</i>	Flow Temp. <i>°C</i>	Rotational Speed <i>rpm</i>	Static Efficiency <i>%</i>	Total Efficiency <i>%</i>
245.54	0.11	0.61	11.61	883.66	121.44	16.99	12906	0.37	1.98
203.11	6.97	7.30	11.48	870.27	121.46	15.88	13390	19.11	20.03
151.85	15.21	15.40	11.44	866.88	121.45	15.14	14410	31.31	31.70
103.76	21.37	21.46	11.50	869.75	121.62	14.24	16180	29.96	30.08
49.15	24.75	24.77	9.52	709.55	121.77	13.75	17180	20.14	20.16
0.36	25.10	25.10	6.57	484.22	122.19	15.42	17180	0.22	0.22

WARNING

DESIGN APPLICATION: Designed to provide variable airflow for low NOx and CO emission in high efficiency gas fired combustion systems. Built with non-sparking materials. Blower housing assembly constructed of die cast aluminum. Impeller constructed from hardened aluminum. Rubber isolation mounts built into blower construction to dampen vibration within the motor. Two-piece blower housing assembly sealed, and factory leak checked. Customer is responsible to check for any leakage once the blower is installed into the final application.

MISCELLANEOUS: Motor cooling inlet and discharge vents must not be obstructed. Motor ventilation air to be free of oils and other foreign particles. Blower is to be mounted so ventilation air cannot be re-circulated.

NOTES:

1. ALL INTAKE, EXHAUST, COOLING DUCTS AND VENTS MUST NOT BE OBSTRUCTED BY MOUNTING.
2. MOTOR VENTILATION AIR TO BE FREE OF OILS AND OTHER FOREIGN PARTICLES (I.E. BREATHING QUALITY AIR). MOTOR TO BE MOUNTED SO THAT MOTOR VENTILATION AIR CANNOT RECIRCULATE.
3. MOTOR COOLING AIR, INLET AND EXHAUST: MINIMUM AREA TO BE 2.8 SQ-IN/ 1806 SQ.-MM
4. BLOWER OPERATING TEMPERATURE (AMBIENT AND WORKING AIR) 0°C-50°C.
5. WHEN CONNECTING TO BLOWER USING SUPPLIED HARNESS ASSEMBLY, CUSTOMER MUST SUPPLY AMP MATE-N-LOK CONNECTOR 350810-1 WITH SOCKET TERMINALS 350550-3 AND 16GA. WIRE. WHEN CONNECTING DIRECTLY INTO BLOWER, CUSTOMER MUST SUPPLY AMP MATE-N-LOK CONNECTOR 350809-1 WITH PIN TERMINALS 350873-1 AND 16GA WIRE.
6. HOLES INDICATED MAY CONTAIN FLASH.
7. ROHS AND REACH COMPLIANCE. REFERENCE AMETEK ENVIRONMENTAL SPECIFICATION ES0010 FOR DETAILS.

