

Windjammer 150405-50

MECHANICAL

DIAMETER: 5.7" (145mm)
DISCHARGE TYPE: Tangential
DISCHARGE: 2.5" Exhaust Tube
APPROXIMATE WEIGHT: 6lbs / 2.2 kg

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

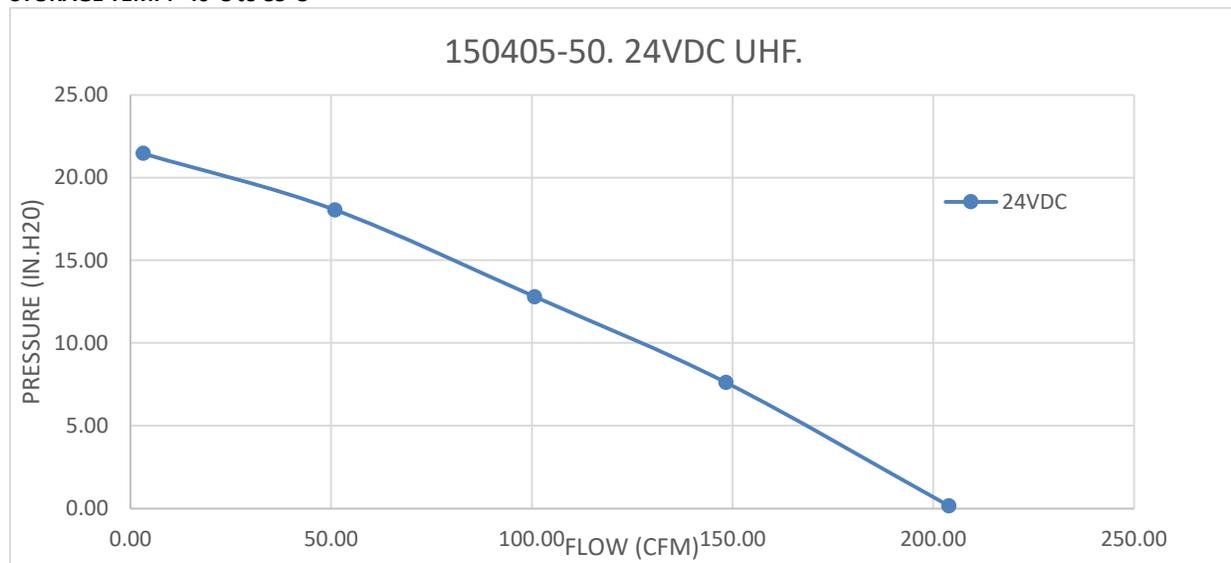
OPERATING INPUT VOLTAGE RANGE:
OPERATING INPUT VOLTAGE: 24v

OPTIONAL FEATURES

SPEED CONTROL: 0-10v

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach compliant
AGENCY FULL LOAD AMPS: 28A



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>
203.84	0.16	0.50	26.73	641.47	24.05	23.9	11290	0.62	1.89
148.34	7.62	7.80	24.80	594.79	24.04	24.7	11730	22.53	23.06
100.68	12.80	12.88	22.03	528.25	24.03	25.3	12450	28.98	29.17
50.92	18.05	18.07	20.61	496.00	24.07	26.4	14580	22.08	22.10
3.15	21.47	21.47	16.05	385.23	24.00	24.0	15730	2.08	2.08

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.

Line Drawing Goes on 2nd page.

NOTES: UNLESS OTHERWISE SPECIFIED.

1. COMPLIANT WITH EUROPEAN UNION DIRECTIVE 2002/95/EC (RoHS).
2. ALL INTAKE, EXHAUST, COOLING DUCTS AND VENTS MUST NOT BE OBSTRUCTED BY MOUNTING.
3. 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.
4. HOLES INDICATED MAY CONTAIN FLASH.

