

NAUTILAIR

150185-50

MECHANICAL

DIAMETER: 7.6" (193mm)
DISCHARGE TYPE: Tangential
DISCHARGE: Small Flange
APPROXIMATE WEIGHT: 4.8lbs/2.2kg

PERFORMANCE

FLOW CLASSIFICATION: Standard Output
STAGES: 1 Stage

TEMPERATURE

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

ELECTRICAL

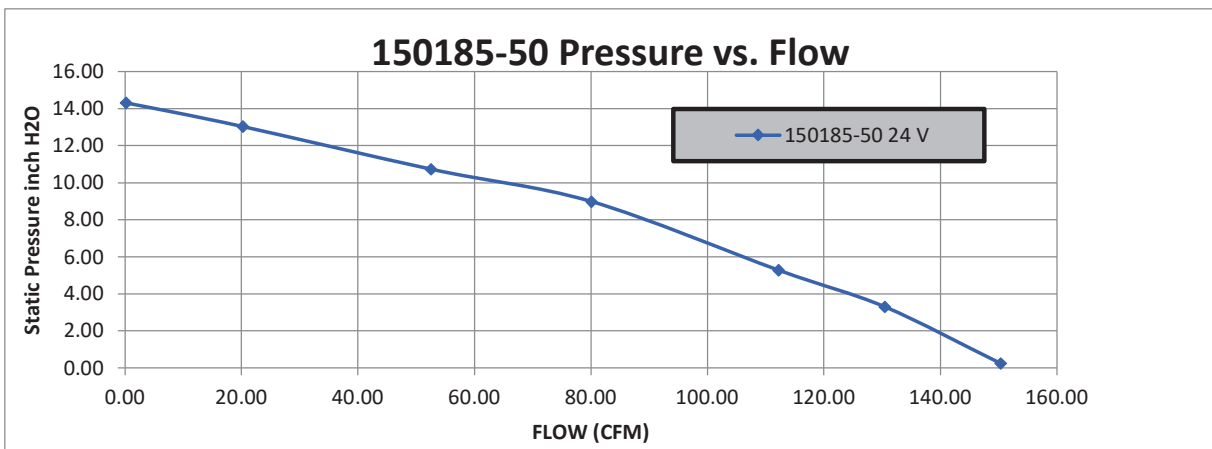
OPERATING INPUT VOLTAGE RANGE: 24v
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OPTIONAL FEATURES

SPEED CONTROL: 0-10 VDC Electrical Speed Control, 4-lead Power Connector, Closed Loop

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach



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>
150.32	0.25	0.44	9.81	235.39	24.02	16.97	6600	1.89	3.28
130.44	3.30	3.44	9.51	228.86	24.07	17.00	6690	22.11	23.04
112.24	5.28	5.38	9.16	220.95	24.13	16.97	6840	31.49	32.11
80.10	8.98	9.03	8.14	197.85	24.32	16.96	7260	42.73	42.98
52.56	10.73	10.75	6.97	167.87	24.10	16.94	7590	39.46	39.55
20.25	13.03	13.04	5.52	133.28	24.16	17.03	8130	23.26	23.27
0.20	14.31	14.31	4.63	112.01	24.17	17.27	8460	0.30	0.30

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: 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).
 (I.E. BREATHING QUALITY AIR). MOTOR TO BE MOUNTED SO THAT MOTOR VENTILATION AIR CANNOT RECIRCULATE.
 4. RED AND BLACK LEADS: 2X #14 GA., ORANGE AND BLUE LEADS: 2X #16 GA., XLPE, 300V 125°C, UL 3266 / CSA 1252. SEE LEAD DESIGNATION.

