

Nautilair 150560-06

MECHANICAL

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

PERFORMANCE

FLOW CLASSIFICATION: Standard Output Enhanced
STAGES: 1 Stage

TEMPERATURE

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

ELECTRICAL

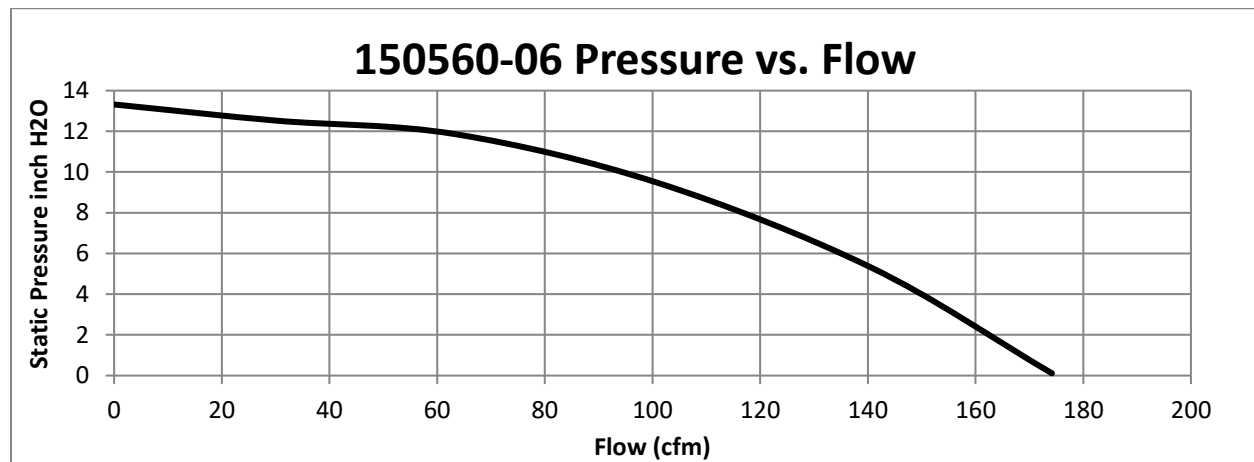
OPERATING INPUT VOLTAGE: 108-132 VAC
OPERATING VOLTAGE: 120 VAC 1Φ

OPTIONAL FEATURES

SPEED CONTROL: Closed loop
OTHER: 3-Cavity Post Header for Two Power Leads plus 5-Cavity Post Header for PWM Speed Command Signal and Internally Powered Tach Output
 Special Calibration

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach
UL FILE NUMBER: E94403



Flow Rate <i>cfm</i>	Static Pressure <i>inch H2O</i>	Current <i>A</i>	Power Demand <i>W</i>	Voltage <i>V</i>	Flow Temperature <i>°C</i>	Rotational Speed <i>rpm</i>	Static Efficiency <i>%</i>
174.18	0.11	6.00	436.05	120.39	19.9	8010	0.52
140.52	5.32	5.52	394.39	120.40	20.4	8010	22.23
100.88	9.48	4.50	308.82	120.45	20.8	8010	36.34
63.36	11.86	3.39	228.11	120.49	21.2	8010	38.72
30.15	12.52	2.46	163.49	120.60	21.5	8010	27.17
0.22	13.31	1.63	107.15	120.71	20.5	8010	0.32

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.

