

NAUTILAIR

Model: 151132-50

MECHANICAL

DIAMETER: 12.3" (312mm)
DISCHARGE TYPE: Tangential
DISCHARGE: Large Rectangular Flange
APPROXIMATE WEIGHT: 28lbs/12.7kg

PERFORMANCE

FLOW CLASSIFICATION: High Energy
STAGES: 1 Stage

TEMPERATURE

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

ELECTRICAL

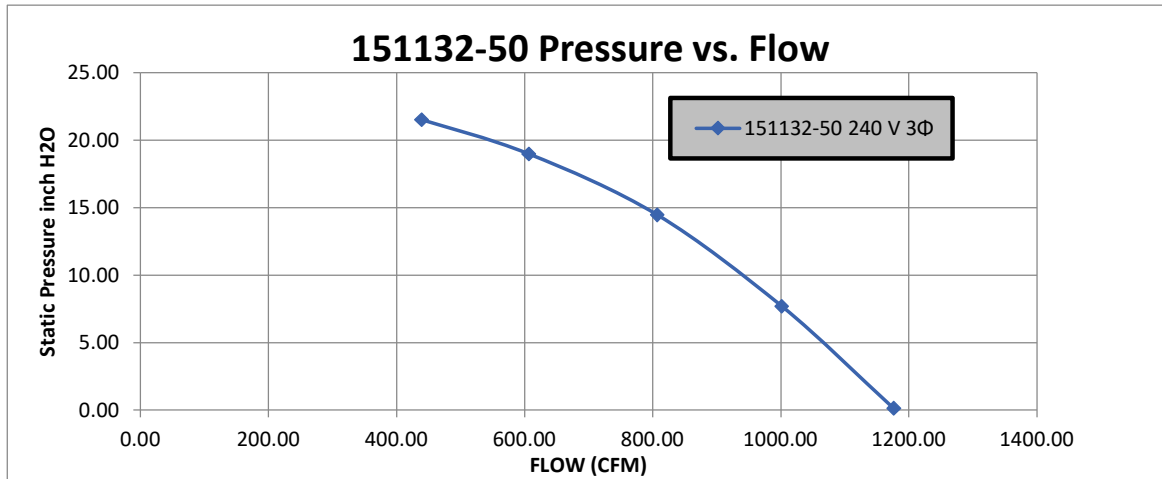
OPERATING INPUT VOLTAGE: RANGE: 180-264 VAC
OPERATING INPUT VOLTAGE: 240V 3Ø

OPTIONAL FEATURES

SPEED CONTROL: PWM, Open Loop, 3-Pin Power, 5-Pin Control

REGULATORY CERTIFICATIONS

COMPLIANCE: RoHS and Reach
UL FILE NUMBER: E94403
AGENCY FULL LOAD AMPS: 14A



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>
1176.26	0.13	0.84	13.98	3449.61	240.25	25.70	7050	0.52	3.39
1001.65	7.68	8.20	13.14	3227.10	240.27	26.44	7350	28.42	30.31
806.78	14.47	14.81	12.18	2969.16	240.28	27.08	7740	46.93	48.01
606.53	18.99	19.17	11.07	2672.65	240.30	27.92	8250	51.53	52.04
438.98	21.53	21.62	10.10	2411.44	240.31	28.87	8760	46.98	47.19

Performance Data is for Reference only

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 AIR QUALITY) MOTOR TO BE MOUNTED SO THAT MOTOR VENTILATION AIR CANNOT RECIRCULATE.
3. **POWER CONNECTION:** BLOWER CONNECTOR, AMP UNIVERSAL MATE-N-LOK (PN#1-350943-0) MATES WITH CUSTOMER SUPPLIED AMP CONNECTOR, (PN# 350766-1) WITH FEMALE TERMINALS, (PN# 350536-3) OR EQUIV. ON 16 GA WIRE.
4. **CONTROL CONNECTION:** BLOWER CONNECTOR, MOLEX SERIES 5569 (PN# 39-30-3056) MATES WITH CUSTOMER SUPPLIED MOLEX SERIES 5557 CONNECTOR HOUSING, (PN#39-01-4051) WITH FEMALE TERMINALS, (PN# 39-00-0208) OR EQUIV. ON 22 GA WIRE.
5. TACH OUTPUT-2 PULSES PER REVOLUTION. SIGNAL IS A FREQUENCY (Hz) INDICATOR OF THE RPM CAN BE MEASURED WITH RESPECT TO GROUND LEAD (BLACK WIRE). RPM=TACH. OUT x 30.
6. ROHS AND REACH COMPLIANCE, REFERENCE AMETEK ENVIRONMENTAL SPECIFICATION ES0010 FOR DETAILS.
7. ◆-SYMBOL ON LABEL DENOTES 25 AMP FUSE PROTECTED.

THIS PRODUCT HAS BEEN TESTED AND VALIDATED TO BE ACCEPTABLE IN OUR APPLICATION.

DWG NO. 151132-50-0 REV. H

APPROVED BY: _____
PRINT NAME: _____
TITLE: _____
DATE: _____
COMPANY: _____

