

**NAUTILAIR**

**150241-00**

**MECHANICAL**

**DIAMETER:** 8.9" (226mm)  
**DISCHARGE TYPE:** Tangential  
**DISCHARGE:** Standard Rectangular Flange  
**APPROXIMATE WEIGHT:** 10lbs/4.5kg

**PERFORMANCE**

**FLOW CLASSIFICATION:** High Output  
**STAGES:** 1 Stage

**TEMPERATURE**

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

**ELECTRICAL**

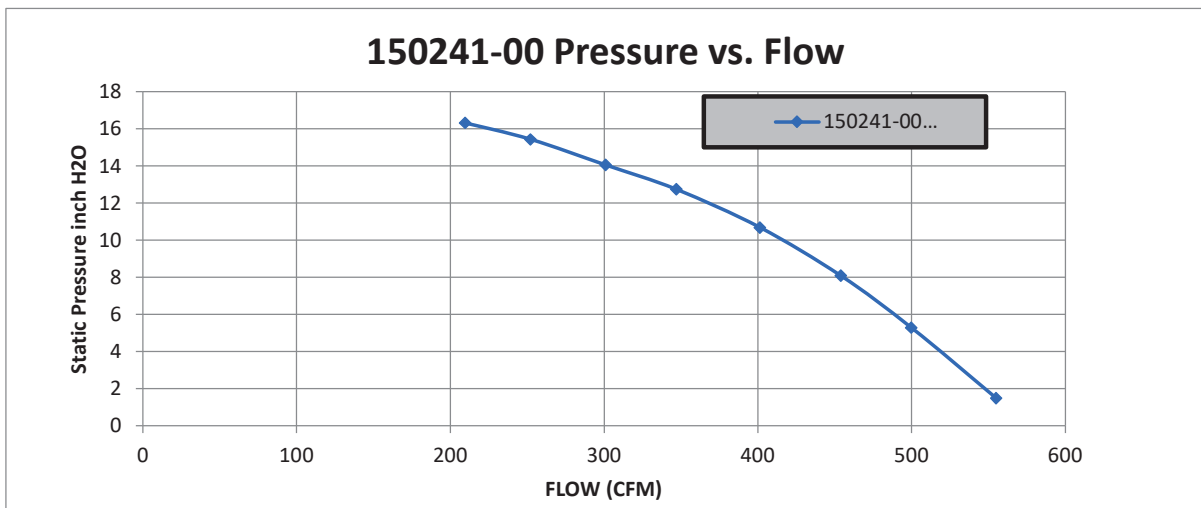
**OPERATING INPUT VOLTAGE RANGE:**  
**208-264v**  
**OPERATING INPUT VOLTAGE:** 240v

**OPTIONAL FEATURES**

**SPEED CONTROL:** 0-10 VDC Electrical Speed  
 5-Pin Power Connector, Closed Loop

**REGULATORY CERTIFICATIONS**

**COMPLIANCE:** RoHS and Reach  
**UL FILE NUMBER:** E94403  
**AGENCY FULL LOAD AMPS:** 10A



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>
555.07	1.49	1.99	9.90	1297.22	239.91	23.21	9100	7.49	10.00
499.86	5.28	5.69	9.58	1233.81	239.95	24.02	9370	25.15	27.07
454.01	8.08	8.42	9.25	1181.91	239.97	24.44	9590	36.49	37.99
401.19	10.69	10.95	8.80	1117.18	239.98	24.81	9880	45.09	46.18
346.96	12.74	12.93	8.26	1047.31	239.98	25.22	10220	49.58	50.34
300.85	14.05	14.19	7.87	983.14	240.15	25.58	10510	50.51	51.03
252.13	15.43	15.53	7.39	922.46	240.20	25.87	10740	49.56	49.89
209.55	16.31	16.38	7.05	880.73	240.25	25.87	10960	45.61	45.80

**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.

