

**Windjammer®**

5.7"; 120/240VAC; 1Ø Combustion Blowers - Standard Output

**MECHANICAL**

**DIAMETER:** 5.7" (145mm)  
**DISCHARGE TYPE:** Tangential  
**DISCHARGE:** Ø1.25  
**APPROXIMATE WEIGHT:** 4.1 lbs

**PERFORMANCE**

**FLOW CLASSIFICATION:** StandardOutput  
**STAGES:** 2 Stage

**TEMPERATURE**

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

**Model: 150996-50**

**ELECTRICAL**

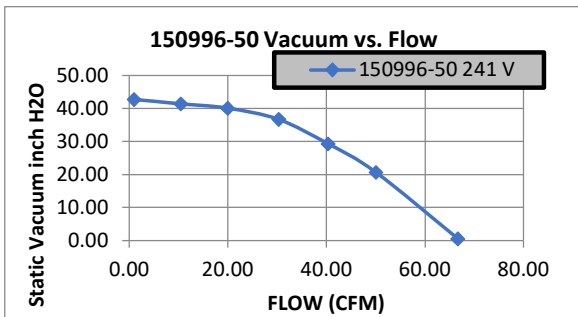
**OPERATING INPUT VOLTAGE RANGE:** 101-265VAC  
**OPERATING INPUT VOLTAGE:** 120/240V

**FEATURES**

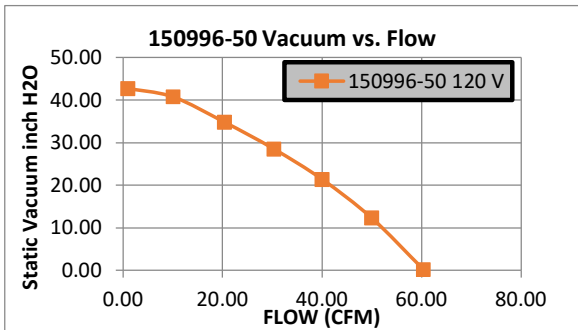
**SPEED CONTROL:** 0-10v, Closed Loop,  
5-Pin Control Connection

**REGULATORY CERTIFICATIONS**

**COMPLIANCE:** RoHS and Reach  
**UL FILE NUMBER:** E94403  
**AGENCY FULL LOAD AMPS:** 5.2A



Flow Rate <i>cfm</i>	Total Vacuum <i>inch H2O</i>	Current <i>A</i>	Power Demand <i>W</i>	Flow Temperature <i>°C</i>	Rotational Speed <i>rpm</i>	Total Efficiency <i>%</i>
66.64	1.14	4.51	592.56	19.65	14350	1.50
50.05	20.96	4.44	580.01	19.51	14560	21.25
40.30	29.54	4.29	555.22	19.45	14840	25.21
30.31	36.81	4.03	513.15	19.43	15310	25.55
19.93	40.12	3.38	419.35	19.39	15380	22.40
10.46	41.43	2.74	331.24	19.36	15410	15.38
0.96	42.70	2.05	237.43	19.33	15410	2.02



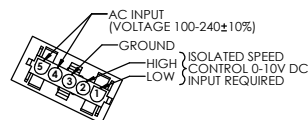
Flow Rate <i>cfm</i>	Total Vacuum <i>inch H2O</i>	Current <i>A</i>	Power Demand <i>W</i>	Flow Temperature <i>°C</i>	Rotational Speed <i>rpm</i>	Total Efficiency <i>%</i>
60.35	0.70	5.18	425.19	19.71	13010	1.17
49.96	12.66	5.08	415.39	19.57	13090	17.88
40.00	21.57	4.95	402.53	19.54	13290	25.18
30.33	28.65	4.73	379.76	19.50	13680	26.89
20.36	34.87	4.36	343.66	19.45	14300	24.28
10.04	40.77	3.89	298.85	19.43	15170	16.09
0.96	42.70	3.00	216.46	19.40	15400	2.22

Performance data is for reference only. Corrected to Standard Air Density, 1.2kg/m3

- NOTES:
1. ROHS AND REACH COMPLIANCE. REFERENCE AMETEK ENVIRONMENTAL SPECIFICATION E50010 FOR DETAILS.
  2. ALL INTAKE, EXHAUST, COOLING DUCTS AND VENTS MUST NOT BE OBSTRUCTED BY MOUNTING.
  3. BLOWER WORKING AIR, (MOTOR VENTILATION AIR) TO BE FREE OF OILS AND OTHER FOREIGN PARTICLES. (I.E. BREATHING QUALITY AIR). BLOWER SHOULD NOT BE OPERATED CONTINUOUSLY AT SEALED CONDITION.
  4. AMP MATE-N-LOK PLUG CONNECTOR NR. 350809-1 USING UNIVERSAL MAT-N-LOK SOCKETS WITH 18Ga. WIRE (TO BE SUPPLIED BY CUSTOMER) MATES WITH BLOWER CONNECTOR 350810-1 WHICH CONTAINS MALE PINS ON 16Ga. WIRE.
  5. HOLES INDICATED MAY CONTAIN FLASH.

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

**APPROVED BY:** \_\_\_\_\_  
**PRINT NAME:** \_\_\_\_\_  
**TITLE:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_  
**COMPANY:** \_\_\_\_\_



SECTION A-A

