



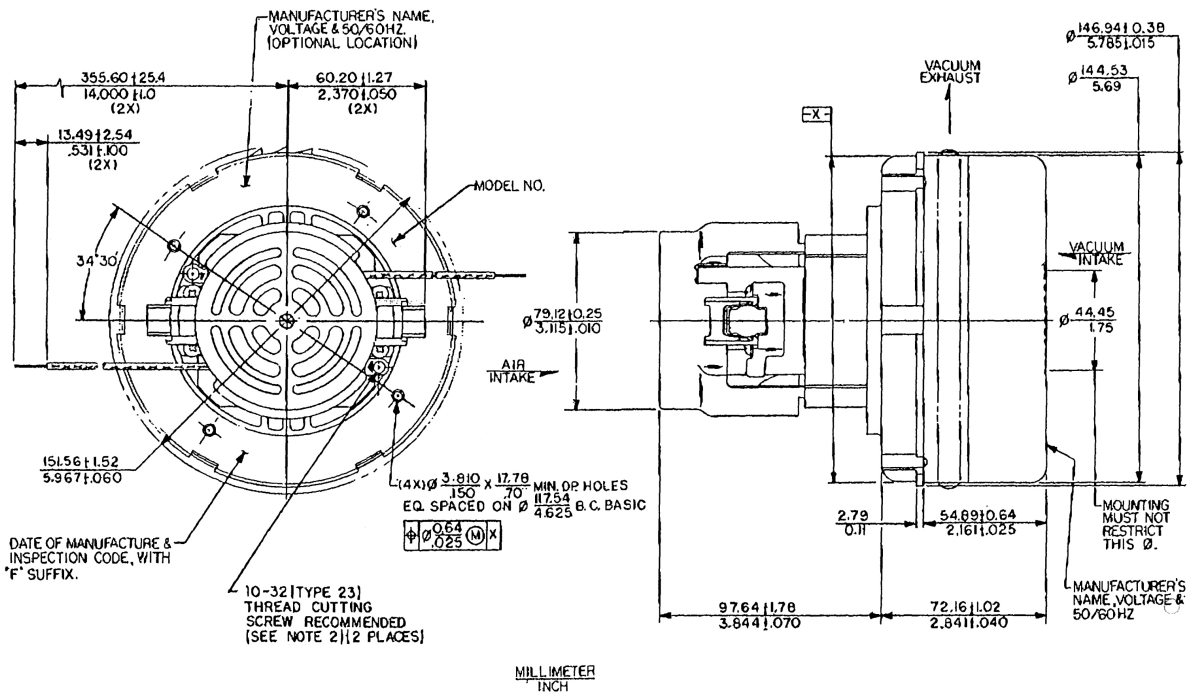
DESCRIPTION

- Two stage
- 240 volts
- 5.7"/145 mm diameter
- Peripheral bypass discharge

DIMENSIONS

NOTES:

- LEADS: 18 GA STRANDED; LEADS CAN BE ANY COLOR EXCEPT GREEN OR GREEN WITH YELLOW STRIPE.
- GROUNDING OR EARTHING PROVISIONS: USE HOLES AS INDICATED FOR GROUNDING OR EARTHING. REFER TO APPROPRIATE LISTING OR REGULATORY AGENCY FOR PROPER METHOD OF GROUNDING OR EARTHING.



IMPORTANT NOTE: Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.

WARNING - When using AMETEK Lamb Electric bypass motors in machines that come in contact with foam, liquid (including water), or other foreign substances, the machine must be designed and constructed to prevent those substances from reaching the fan system, motor housing, and electrical components. Lamb Electric vacuum motors other than hazardous duty models should not be applied in machines that come in contact with dry chemicals or other volatile materials. Failure to observe these precautions could cause flashing (depending on volatility) or electrical shock which could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating Lamb Electric motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

116288-00

AMETEK, Lamb Electric Division
Kent, Ohio 44240

BOX*

AMETEK

VACUUM-AIRFLOW PERFORMANCE DATA

VOL=.00194*DIAM^2*CORRVAC*.5

Test # 2 Customer File LAMB Test Date 1/15/86
 Cleaner Name & Model # MOTOR ALONE Serial # _____ File 59
 Motor Model 116288-00 Test Voltage 240 Volts Frequency 60 Hz
 Motor ID 2 Tested on Box F1462-B4
 Type of Filter _____ Hose Lgth/ID _____ Leaks Sealed? _____

ORIF DIAM	AMPS	WATTS	CORR WATTS	RPM	VAC " H2O	CORR VACUUM mm H2O	mbar _s	VOL L/sec	AIR WATTS	EFF (%)
48	3.29	742	759	16400	3.8	100	9.7	44.6	43.6	5.7
40	3.30	743	760	16650	7.4	194	19.0	43.2	82.3	10.8
30	3.29	743	760	16700	18.4	482	47.2	38.3	161.4	23.9
23	3.26	736	753	16700	32.6	854	83.6	30.0	251.5	33.4
19	3.16	711	728	17250	41.0	1074	105.2	23.0	242.0	33.3
16	3.01	679	695	17700	47.1	1234	120.8	17.4	211.4	30.4
13	2.83	644	659	18350	52.4	1373	134.4	12.1	163.7	24.8
10	2.63	601	615	19150	57.7	1512	148.0	7.5	111.9	18.2
6.5	2.45	563	576	20100	63.4	1661	162.7	3.3	54.5	9.5
Sealed Hot*	2.27	523	535	20750	69.0	1808	177.0			
Sealed Cold**	2.27	523	535	20700	70.1	1836	179.9			

*Sealed reading taken immediately after above series of tests.
 **Sealed reading taken 10 seconds after sealing cold motor.

Voltmeter # MAG Ammeter # MAG Wattmeter # MAG

Room Temp 78.5 °F or 25.8 °C Absolute Bar. Press. 29.09 "Hg

Meter Loss Correction 0 Watts Air Density Ratio .953

Correction Factors for Standard Air Density (68°F, 30% RH, 29.92" Hg)

Watt Correction Factor 1.024 Vacuum Correction Factor 1.031

Test Run by: E LUIZA