

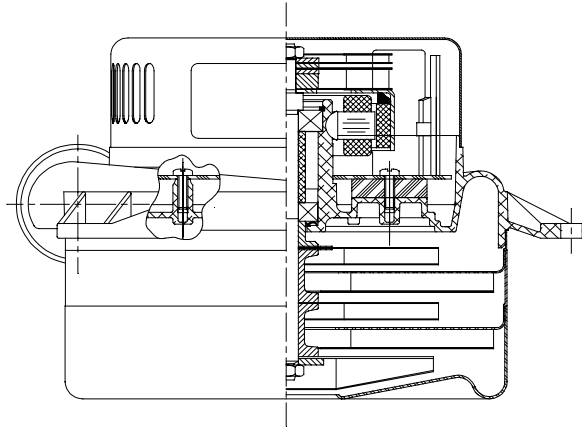


DESCRIPTION

- 240 /230 VAC DC bypass blower with standard flow fan system
- Three stage
- Rectifier / filter network

DESIGN APPLICATION

- Blower fan can be used for either vacuum or pressure
- Backward curved centrifugal impellers of the working air provide high efficiency operation

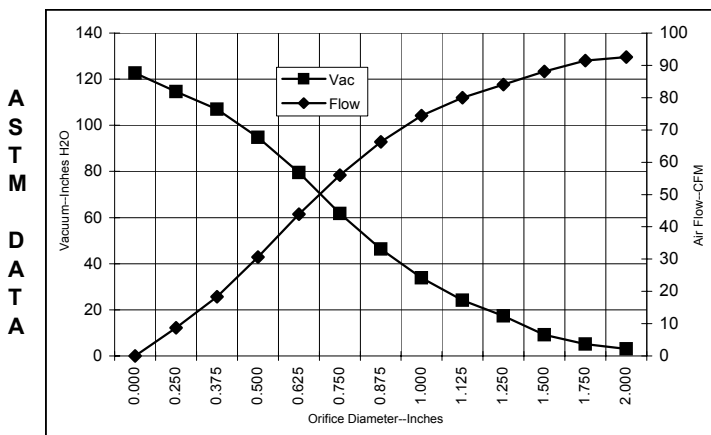


SPECIAL FEATURES

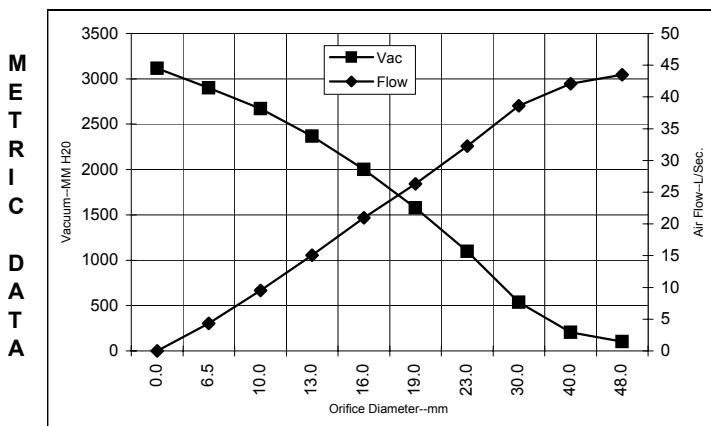
- Component recognized by Underwriters Laboratories, Inc.
- Thermal protection / locked rotor protection
- Separation of cooling air and working air
- Compact size
- Long life
- Low noise to power ratio

TYPICAL MOTOR PERFORMANCE.*

(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	11.0	1267	17632	3.1	92.6	34
1.750	11.0	1268	17618	5.2	91.5	56
1.500	11.0	1270	17490	9.2	88.1	96
1.250	11.0	1269	17424	17.4	84.0	172
1.125	11.0	1271	17296	24.2	80.0	228
1.000	11.0	1270	17250	33.9	74.4	297
0.875	11.0	1269	17250	46.3	66.3	361
0.750	11.0	1269	17388	61.8	56.0	407
0.625	10.9	1265	17926	79.5	43.9	410
0.500	10.6	1238	18666	94.7	30.6	340
0.375	9.9	1164	19436	107.0	18.3	230
0.250	8.8	1030	20136	114.6	8.7	117
0.000	7.8	905	21016	122.7	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	11.0	1267	17626	102	43.5	44
40.0	11.0	1269	17528	203	42.1	84
30.0	11.0	1270	17354	537	38.6	203
23.0	11.0	1269	17250	1097	32.2	345
19.0	11.0	1269	17399	1579	26.3	407
16.0	10.9	1265	17904	2001	20.9	410
13.0	10.6	1241	18592	2367	15.1	347
10.0	10.0	1175	19321	2671	9.5	247
6.5	8.9	1037	20101	2901	4.3	123
0.0	7.8	905	21016	3117	0.0	0

Note: Metric performance data is calculated from the ASTM data above.

* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Spec. @ 240 Volts:	Minimum Sealed Vacuum:	N/A		
-------------------------	------------------------	-----	--	--

