

TEST N° : 17741

DATE : 18/01/12

MOTOR TYPE : 060800004

VOLTAGE : 230 HZ : 50

NAME :

APPLIANCE:

CM 894

AIR FLOW PERFORMANCE - $Q = 0.0019 \cdot D^2 \cdot H_{\text{Corr}}^{0.5}$

ORIFICE	A	Win	Win Corr.	RPM	HA mmH2O	H CORR. mmH2O	Q l/sec.	Wout	EFF. %
48.0	7.36	1622	1616.7	26142	112	111	46.1	50.1	3.1
40.0	7.39	1629	1623.7	26070	227	225	45.6	100.4	6.2
30.0	7.53	1658	1652.6	25727	641	634	43.1	268.1	16.2
23.0	7.67	1689	1683.5	25520	1357	1343	36.8	485.4	28.8
19.0	7.67	1687	1681.5	25383	1963	1943	30.2	576.3	34.3
16.0	7.54	1661	1655.6	25797	2466	2441	24.0	575.4	34.8
13.0	7.20	1589	1583.9	26581	2906	2877	17.2	486.0	30.7
10.0	6.64	1475	1470.2	27979	3266	3233	10.8	342.6	23.3
6.5	5.86	1305	1300.8	29798	3587	3551	4.8	166.6	12.8
0.0	5.30	1186	1182.2	31778	4278	4235	0.0	0.0	0.0

REMARKS : MEASUREMENTS CARRIED OUT AFTER 1', WITH SEALED ORIFICE AFTER 20''
TEST CARRIED OUT WITH MOTOR ON MEASURING BOX

VOLTMETER:NORMA D5135 AMPEROMETER:NORMA D5135 WATTMETER:NORMA D5135

AMBIENT °C : 25 ATM.PRESS. mmHg : 778 RH % : 23

AIR DENSITY RATIO : 1.007

CORRECTION FACTORS IN TERMS OF AIR DENSITY (20°C - RH50% - 760mmHg)

WIN CORRECTION FACTOR : 0.997 DEPRESSURE CORR.FACTOR H : 0.990

Sign :

