

TEST N°: 11994

DATE: 10/03/2005

MOTOR TYPE: 063200264

VOLTAGE: 230 Hz: 50

NAME:

APPLIANCE:

AIR FLOW PERFORMANCE - $Q = 0,0019 \cdot D^2 \cdot H_{corr}^{0,5}$

Orifice mm	A	Win	Win Corr.	RPM	HA mmH ₂ O	H CORR. mmH ₂ O	Q l/sec	Wout	EFF. %
48,0	5,21	1181	1183	32845	174	174	57,7	99	8,3
40,0	5,22	1183	1185	32556	331	331	55,3	180	15,1
30,0	5,24	1188	1190	32845	779	779	47,7	365	30,6
23,0	5,15	1169	1171	33256	1346	1346	36,9	487	41,5
19,0	4,94	1123	1125	34250	1747	1747	28,7	491	43,6
16,0	4,71	1072	1074	35305	2030	2030	21,9	436	40,6
13,0	4,46	1016	1018	36831	2261	2261	15,3	339	33,2
10,0	3,92	894	896	38272	2348	2348	9,2	212	23,7
6,5	3,66	835	837	41291	2476	2476	4,0	97	11,6
0,0	3,34	763	765	43507	2752	2752	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: 24

ATM.PRESS. mmHg: 767

RH %: 24

AIR DENSITY RATIO: 0,996

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

WINP CORRECTION FACTOR: 1,002

DEPRESSURE CORR.FACTOR H: 1,000

Sign: I. Baggi