AMETEK®
ITALIA S.r.l., VACUUM PRODUCTS

TEST LABORATORY

Engineering Department

TEST N° : **11569** DATE : **25/10/2006**

MOTOR TYPE : **064300069** VOLTAGE : **120** Hz : **60**

NAME : APPLIANCE :

AIR FLOW PERFORMANCE - Q = 0,0019*D^2*Hcorr^0,5

Orifice mm	A	Win	Win Corr.	RPM	HA mmH_2O	H CORR. mmH_2O	Q l/sec	Air Watts	EFF. %
48	12,72	1490	1502	32636	133	134	50,7	67	4,4
40	12,65	1483	1495	32520	264	266	49,6	130	8,7
30	12,42	1460	1472	32480	705	711	45,6	318	21,6
23	11,92	1402	1413	34268	1407	1420	37,9	528	37,3
19	11,38	1341	1352	35230	1946	1964	30,4	586	43,3
16	10,79	1276	1286	36427	2339	2360	23,6	547	42,5
13	10,10	1195	1205	37988	2615	2639	16,5	427	35,4
10	9,37	1112	1121	39689	2797	2822	10,1	280	24,9
6,5	8,61	1022	1030	41969	2806	2831	4,3	119	11,5
0	8,08	962	970	44055	2995	3022	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 : **758** RH % : **58**

AIR DENSITY RATIO : **0,984**

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

WINP CORRECTION FACTOR : **1,008** DEPRESSURE CORR.FACTOR H : **1,009**

Sign : L.Simonetti