



ARIENTI & C. SRL

BLADE TYPE ARIENTI - 8° 2022

MOTORE ASINCRONO - FAN mod. ROTOR dia: 1,5 meters

FAN DISTANCE FROM FLOOR 1,3 meters - ANEMOMETER DISTANCE FROM FLOOR = 0,0 meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.										AIR FLOW RATE m3/H (Max air velocity)					NOTE
Motor HZ	Fan RPM	kW	Distance 5 mt.		Distance 7,5 mt.		Distance 10 mt.		Distance 12,5 mt.		Distance 15 mt.		Distance 5 mt.	Distance 7,5 mt.	Distance 10 mt.	Distance 12,5 mt.	Distance 15 mt.	
50	286	0.93	4.1	4.6	3.5	4.0	2.6	3.2	2.4	2.9	1.8	2.2	29249	25434	20347	18439	13988	

FAN DISTANCE FROM FLOOR 2,5 meters - ANEMOMETER DISTANCE FROM FLOOR = 0,7 meters

FAN SPEED		ABSORBED POWER	AIR VELOCITY m/sec.										AIR FLOW RATE m3/H (Max air velocity)					NOTE
Motor HZ	Fan RPM		kW	Distance 5 mt.		Distance 7,5 mt.		Distance 10 mt.		Distance 12,5 mt.		Distance 15 mt.		Distance 5 mt.	Distance 7,5 mt.	Distance 10 mt.	Distance 12,5 mt.	
50	286	0.92	2.9	3.2	2.8	3.0	2.1	2.3	1.8	2.2	1.6	2.1	20347	19075	14624	13988	13352	

TEST DATA

FAN BLADE NUMBER	6		MOTOR KW / POLES NUMBER	1,1	2
DISTANCE FLOOR / FAN , m	1.3	2.5	MOTOR RPM (50 Hz)	2850	
DIST. FLOOR / ANEMOMETER , m	0	0.7	CURRENT , Ampere	2.5	
Q(m3/H)= A(m2)*V(m/sec)*3600			REDUCER RATIO	1 : 10	
			SOUND LEVEL dBA (Max. RPM - Distance 1m)	61 +/- 2	

