

HF-12 B5

BLADES

Blade Diameter	12 Feet
Blade Pitch:	21°
Blade Type:	Cambered Airfoil
Blade Material:	Aluminum Alloy (Anodized/Powder Coated)
No. of Blades:	5

PERFORMANCE & POWER:

Air Movement:	138860 CFM (3932 CMM)
Variable Speed:	103 RPM
Motor Rating:	1 HP (0.75 Kw)
Current Rating (Max):	1.9 Amp @ 440 V

WEIGHT:

Total Hanging Weight:	116 Kg.
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MOTOR:

Motor Type:	Helical Geared Motor
Max. Torque:	151 N.m.
Connection:	3-Phase, 440 Volts, 50 Hz.
Make:	NORD / LENZE

CONTROLS:

Type of Controller:	Variable frequency Drive Controller
Make:	ABB / LENZE / DELTA

INSTALLATION:

Fan Hardware:	Complete Mounting Kit Included.
Drop Extension:	Optional Extension Lengths Available.

Air Flow Km./Hr.	HF-24 B5		HF-20 B5		HF-16 B5		HF-12 B5	
Power Zone	Full power	Half power	Full power	Half power	Full power	Half power	Full power	Half power
Zone 1	10.9	4.5	9.2	3.8	7.8	3.2	6.5	2.7
Zone 2	7.0	3.1	6.0	2.6	5.1	2.2	4.2	1.8
Zone 3	4.7	2.3	4.0	1.9	3.4	1.6	2.8	1.3
Zone 4	3.7	NA	3.1	NA	2.2	NA	NA	NA
Full Power CFM	402600		402600		402600		402600	

