

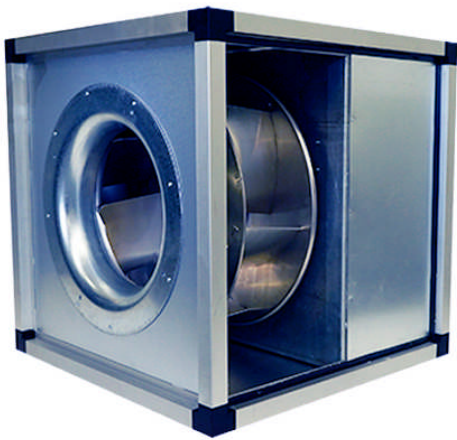


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Aco Silent Fan Box Model AHF-500/3



<http://ventorn.com/product/aco-silent-fan-box-model-ahf-500-3>

Category: Extraction fan Tags: ACO-SILENT FAN, backward curved centrifugal fan, Variable direction discharge

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Description

Variable direction discharge, backward curved centrifugal fan.

High efficiency IE2 external rotors motor and IE3 for induction rotor motors. Highest quality Electric motors with thermal protection will guarantee the long life and trouble free operation due to its construction and air cool system.

Free running High density HD backward curved Impeller is made of aluminium and dynamically balanced according to G6.3 two plane.

Acoustic panels are easily removable which make it easy to install in any direction as well as easy to clean and maintain.

Speed controllable 0 to 100% only by High efficiency variable frequency drive, pre-programmed and fully protecting the fan against any sort of harm.

Low sound level due to the 25mm thick acoustic panels, to absorb the noise to the highest level.



Casing and all corners are made of corrosion resistance aluminium for longer life.

Aco-silent fans can be used as extract and supply unit.

Technical Parameters		
Voltage	230-400	V
Frequency	50	Hz
Phase(s)	3~	
Input Power	1450	W
FLC Current	5.32	A
Impeller Speed	1450	r.p.m
Efficiency	IE2	
Air Flow Max	8704	m³/h
Maximum ambient Temperature	max 60	°C
Enclosure class	IP54	
Insulation class	F	
Motor type	AC	
Weight	64	kg

Speed Control		
Principle of control	Variable frequency Drive	
Input voltage	1 ~ 200-240	V
Input current	15	A
Output current	6.1	A
Output voltage	3~ 0-250	V
Frequency	0-50	Hz
Enclosure class	IP20	

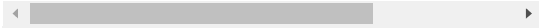
Sound Data						
Sound pressure level at 3m		54	dB(A)			

Acoustics	Hz	Tot	63	125	250	500
LwA Inlet	dB(A)	77	64	64	70	72

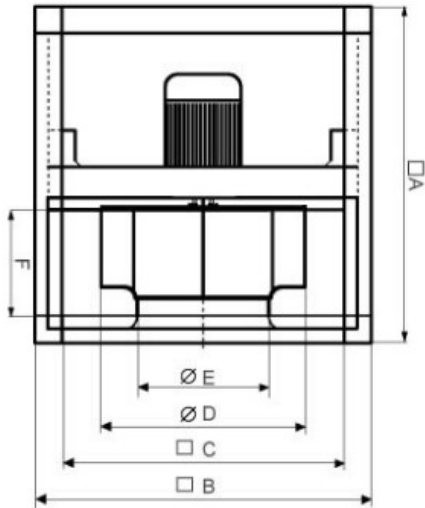


Acoustics	Hz	Tot	63	125	250	500
LwA Outlet	dB(A)	79	66	68	72	74
LwA Surrounding	dB(A)	62	49	51	55	57

Mid-frequency band, Hz, Measuring point: qv = 1,79 m3/s, Ps = 717 Pa

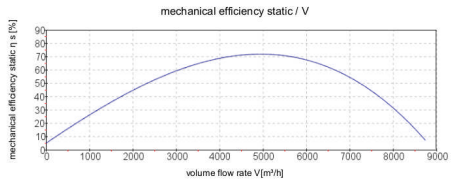
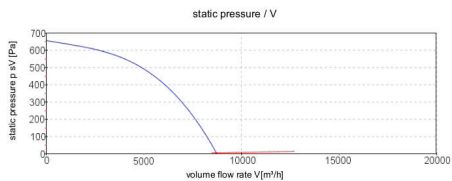


Dimensions



	A	B	C	D	E	F
ST500-04	670	670	590	504	321	300

Air Volume Flow Rate



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Aco Silent Fan Box Model
AHF-C-630/1

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