



TECHNICAL DATA SHEET

CODE:
01A.3000.VAG.0
 Rev.00 Pg.1/1
 Date 11/05/2015

WATER COOLED AFTERCOOLER

MODEL: AV 500
Installation method: Vertical

Rated capacity*


Air flow rate	m ³ /h	3000		
	l/min	50000		
	cfm	1765,7		
Working pressure - Air side	bar / psi	7,0 / 101,5	(Max 12)	
Pressure drop	bar / psi	0,150 / 2,2		
Air inlet temperature	°C / °F	120 / 248	(Max 120 / 248)	
Water inlet temperature	°C / °F	15 / 59	(Max 40 / 104)	
Air outlet temperature	°C / °F	34 / 93	(Max 66 / 151)	
Water consumption	m ³ /h	6,40		
	l/min	106,67		
	cfm	3,767		
Working pressure - Water side	bar / psi	3,0 / 43,5	(Max 7 / 102)	
Air connections	IN	DN 175		
	OUT	DN 125		
Water connections	IN / OUT	1-1/4" BSP		
Condensate outlet	G	1" BSP		
Dimensions	A	1300 mm	B	235 mm
	A1	125 mm	C	770 mm
	A2	1175 mm	D	194 mm
	E	645 mm	H	2215 mm
	Weight	Kg / Lbs	159,5 / 352	

Standard features

Separator type:	Centrifugal	Heat exchanger shell:	Carbon steel
Drain discharge:	Manual, with tap	Condensate Separator:	Carbon steel
Heat exchanger tubes:	Copper		

* Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig)

Performances & specifications: +/- 5%

AI	Air inlet	WI	Water inlet	 Condensate outlet
AO	Air outlet	WO	Water outlet	

