



TECHNICAL DATA SHEET

CODE:
01B.840.VBG.0
Rev.00 Pg.1/1
Date 11/05/2015

WATER COOLED AFTERCOOLER

MODEL: AV 140 S
Installation method: Vertical

		Rated capacity*		
Air flow rate	m³/h	840		
	l/min	14000		
	cfm	494,4		
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 200 / 392)
Water inlet temperature	°C / °F	15 / 59		(Max 40 / 104)
Air outlet temperature	°C / °F	34 / 93		(Max 66 / 151)
Water consumption	m³/h	1,70		
	l/min	28,33		
	cfm	1,001		
Working pressure - Water side	bar / psi	3,0 / 43,5		(Max 7 / 102)
Air connections	IN	DN 100		
	OUT	DN 100		
Water connections	IN / OUT	1" BSP		
Condensate outlet	G	1" BSP		
Dimensions	A	1300 mm	B	62 mm
	A1	100 mm	C	702 mm
	A2	1200 mm	D	140 mm
	E	706 mm	H	2109 mm
Weight	Kg / Lbs	50 / 110		

Standard features

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

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

Performances & specifications: +/- 5%

