

WATER COOLED AFTERCOOLER

MODEL:

AV 1800

Installation method

Vertical

Rated capacity*


Air flow rate	m ³ /h	10800		
	l/min	180000		
	cfm	6356,6		
Working pressure - Air side	bar / psi	7,0 / 101,5	(Max 16 / 232)	
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	m ³ /h	22,20		
	l/min	370,00		
	cfm	13,066		
Water outlet temperature	°C / °F	28,2 / 82		
Working pressure - Water side	bar / psi	3,0 / 43,5	(Max 7 / 102)	
Air connections	IN	DN 350		
	OUT	DN 200		
Water connections	IN / OUT	2" BSP		
Condensate outlet	G	2" BSP		
Dimensions	A	1300 mm	B	340 mm
	A1	125 mm	C	925 mm
	A2	1175 mm	D	356 mm
	E	980 mm	H	2545 mm
	Weight	Kg / Lbs	502 / 1.107	

Standard features

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

* 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	

