



TECHNICAL DATA SHEET

CODE:
01A.0180.VAG.0
Rev.03 Pg.1/1
Date 13/09/2022

WATER COOLED AFTERCOOLER

MODEL:

AV 30

Installation method

Vertical

Rated capacity*


Air flow rate	m ³ /h	180		
	l/min	3000		
	cfm	105,9		
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 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	0,50		
	l/min	8,33		
	cfm	0,294		
Water outlet temperature	°C / °F	25 / 77		
Working pressure - Water side	bar / psi	3,0 / 43,5	(Max 7 / 102)	
Air connections	IN	1"½ BSP (DN 50)		
	OUT	1"½ BSP		
Water connections	IN / OUT	½" BSP		
Condensate outlet	G	¾" BSP		
Dimensions	A	850 mm	B	37 mm
	A1	140 mm	C	385 mm
	A2	830 mm	D	76 mm
	E	135 mm	H	1365 mm
Weight	Kg / Lbs	18 / 40		

Standard features

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

