



TECHNICAL DATA SHEET

CODE:
01A.A108.VAG.0
Rev.00 Pg.1/1
Date 11/05/2015

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 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 | 22,20 | | |
| | l/min | 370,00 | | |
| | cfm | 13,066 | | |
| 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: | 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 | |

