



TECHNICAL DATA SHEET

CODE:  
01B.0180.VAG.0  
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WATER COOLED AFTERCOOLER

MODEL:

AV 30 S

Installation method

Vertical

Rated capacity\*

|                               |           |                    |   |                 |
|-------------------------------|-----------|--------------------|---|-----------------|
| Air flow rate                 | m³/h      | 180                |   |                 |
|                               | l/min     | 3000               |   |                 |
|                               | cfm       | 105,9              |   |                 |
| 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      | 0,50               |   |                 |
|                               | l/min     | 8,33               |   |                 |
|                               | cfm       | 0,294              |   |                 |
| Working pressure - Water side | bar / psi | 3,0 / 43,5         |   | (Max 7 / 102)   |
| Air connections               | IN        | 1-1/2" BSP (DN 50) |   |                 |
|                               | OUT       | 1-1/2" BSP         |   |                 |
| Water connections             | IN / OUT  | 1/2" BSP           |   |                 |
| Condensate outlet             | G         | 3/8" 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: | 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 |                                                                                                         |

