



TECHNICAL DATA SHEET

CODE:
01B.3000.VAG.0
Rev.00 Pg.1/1
Date 11/05/2015

WATER COOLED AFTERCOOLER

MODEL:

AV 500 S

Installation method

Vertical

Rated capacity*

Air flow rate

m³/h
l/min
cfm

3000
50000
1765,7

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
l/min
cfm

6,40
106,67
3,767

Working pressure - Water side

bar / psi

3,0 / 43,5

(Max 7 / 102)

Air connections

IN
OUT

DN 175
DN 125

Water connections

IN / OUT

1-1/4" BSP

Condensate outlet

G

1" BSP

Dimensions

A
A1
A2
E

1300 mm
125 mm
1175 mm
645 mm

B
C
D
H

235 mm
770 mm
194 mm
2215 mm

Weight

Kg / Lbs

159,5 / 352

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
AO	Air outlet

WI	Water inlet
WO	Water outlet

	Condensate outlet
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