



TECHNICAL DATA SHEET

CODE:
01A.2400.VBG.0
Rev.03 Pg.1/1
Date 13-Sep-22

WATER COOLED AFTERCOOLER

MODEL:

AV 400

Installation method

Vertical

Rated capacity*

Air flow rate

m³/h
l/min
cfm

2400
40000
1412.6

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

m³/h
l/min
cfm

5.20
86.67
3.061

Water outlet temperature

°C / °F

27.7 / 82

Working pressure - Water side

bar / psi

3.0 / 43.5

(Max 7 / 102)

Air connections

IN
OUT

DN 150
DN 125

Water connections

IN / OUT

1-1/4" BSP

Condensate outlet

G

1" BSP

Dimensions

A
A1
A2
E

1300 mm
100 mm
1200 mm
740 mm

B
C
D
H

62 mm
702 mm
168 mm
2290 mm

Weight

Kg / Lbs

94 / 207

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
AO	Air outlet

WI	Water inlet
WO	Water outlet

	Condensate outlet
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