



TECHNICAL DATA SHEET

CODE:
01B.840.OBG.0
Rev.00 Pg.1/1
Date 11/05/2015

WATER COOLED AFTERCOOLER

MODEL:

A 140 S

Installation method

Horizontal

Rated capacity*

Air flow rate

m³/h
l/min
cfm

840
14000
494,4

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

1,70
28,33
1,001

Working pressure - Water side

bar / psi

3,0 / 43,5

(Max 7 / 102)

Air connections

IN
OUT

DN 100
DN 100

Water connections

IN / OUT

1" BSP

Condensate outlet

G

1" BSP

Dimensions

A
A1
A2
L

1300 mm
100 mm
1200 mm
1844 mm

B
C
D

62 mm
702 mm
140 mm

Weight

Kg / Lbs

39 / 86

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		

