



TECHNICAL DATA SHEET

CODE:
01A.840.VBG.0
 Rev.00 Pg.1/1
 Date 11/05/2015

WATER COOLED AFTERCOOLER

MODEL:

AV 140

Installation method

Vertical

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 120 / 248)

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
E

| |
|---------|
| 1300 mm |
| 100 mm |
| 1200 mm |
| 706 mm |

B
C
D
H

| |
|---------|
| 62 mm |
| 702 mm |
| 140 mm |
| 2109 mm |

Weight

Kg / Lbs

| |
|----------|
| 50 / 110 |
|----------|

Standard features

Separator type:

Centrifugal

Heat exchanger shell:

Carbon steel

Drain discharge:

Manual, with tap

Condensate Separator:

Aluminium

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 | |

