



# TECHNICAL DATA SHEET

**CODE:**  
**01A.3000.OAG.0**  
 Rev.00 Pg.1/1  
 Date 11/05/2015

## WATER COOLED AFTERCOOLER

**MODEL:**

A 500

**Installation method**

Horizontal

Rated capacity\*

**Air flow rate**

m<sup>3</sup>/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 120 / 248)

**Water inlet temperature**

°C / °F

15 / 59

(Max 40 / 104)

**Air outlet temperature**

°C / °F

34 / 93

(Max 66 / 151)

**Water consumption**

m<sup>3</sup>/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  
 L

1300 mm  
 125 mm  
 1175 mm  
 1907 mm

B  
 C  
 D

235 mm  
 770 mm  
 194 mm

**Weight**

Kg / Lbs

155,5 / 343

**Standard features**

**Separator type:**

Centrifugal

**Heat exchanger shell:**

Carbon steel

**Drain discharge:**

Manual, with tap

**Condensate Separator:**


Carbon steel

**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		

