

## WATER COOLED AFTERCOOLER

**MODEL:**

A 140

Installation method

Horizontal

Rated capacity\*


|                               |                   |             |   |                 |
|-------------------------------|-------------------|-------------|---|-----------------|
| Air flow rate                 | m <sup>3</sup> /h | 840         |   |                 |
|                               | l/min             | 14000       |   |                 |
|                               | cfm               | 494,4       |   |                 |
| 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             | m <sup>3</sup> /h | 1,70        |   |                 |
|                               | l/min             | 28,33       |   |                 |
|                               | cfm               | 1,001       |   |                 |
| Water outlet temperature      | °C / °F           | 27,6 / 82   |   |                 |
| Working pressure - Water side | bar / psi         | 3,0 / 43,5  |   | (Max 7 / 102)   |
| Air connections               | IN                | DN 100      |   |                 |
|                               | OUT               | DN 100      |   |                 |
| Water connections             | IN / OUT          | 1" BSP      |   |                 |
| Condensate outlet             | G                 | 1" BSP      |   |                 |
| Dimensions                    | A                 | 1300 mm     | B | 62 mm           |
|                               | A1                | 100 mm      | C | 702 mm          |
|                               | A2                | 1200 mm     | D | 140 mm          |
|                               | L                 | 1844 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 |   |

