



**Modular & Compact
Design, Transportable
by Truck/Container**

**Low Noise
Fast Quotation & Delivery**

**Leading Design &
Manufacturing
Technologies**



www.kelvion.com

Heat Rejection & Heat Recovery Solutions

STANDARDIZED AIR FIN COOLER (AFX) ALU



DESIGN

Combine 1 to 25 modules



1 fan module
1.52m / 5 ft. fan
2.74m / 9 ft. fan

**5 bays with 5 fan
modules in line**
and over 18.3 m /
60 ft. tube length



DESIGN PARAMETER



DESIGN PRESSURE



120 bar
1740 psi



DESIGN TEMPERATURE



240 °C
464 °F

MARKETS



Data Centre



Power

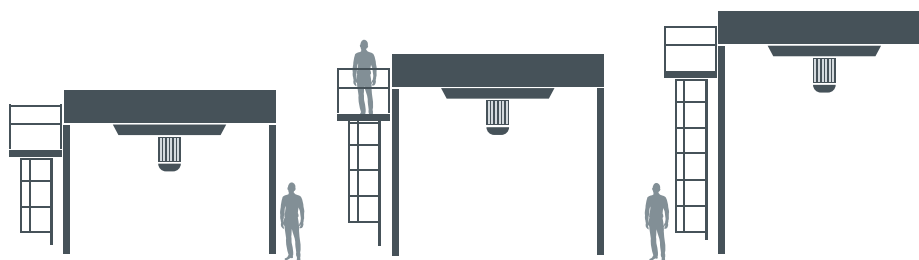


Heavy & Light
Industry



Oil & Gas

Selected heights acc. to API 661 air entries



3.1 m / 10.17 ft. height

4.1 m / 13.45 ft. height

5.1 m / 16.73 ft. height

MEDIA

► WATER

► WATER /
GLYCOL

► LUBE OIL
► GAS COOLER

TARGET APPLICATIONS

(along gas distribution pipeline)

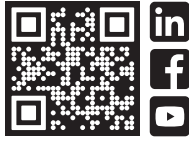
- Well head compression
- Gas plant or export gas compression (lube oil)
- Compressors stations (turbo compressors)
- Gas storage (section for gas, section for glycol)



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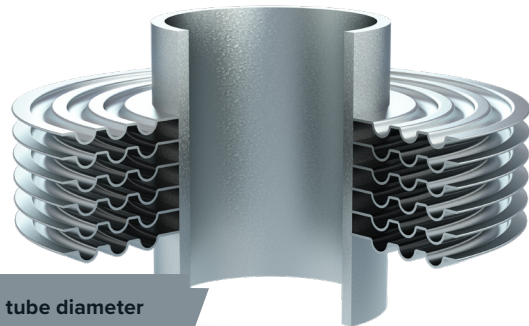


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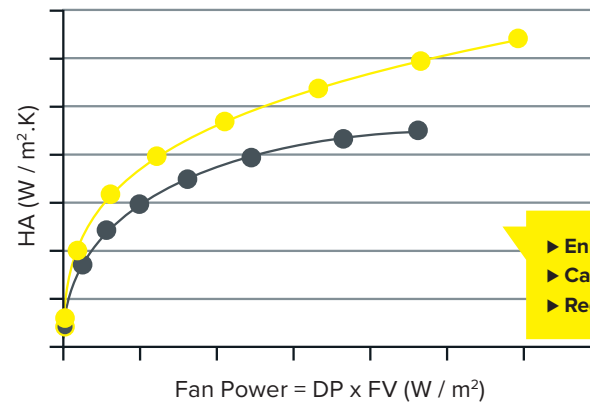
STANDARDIZED AIR FIN COOLER (AFX) ALU

GROOVY FINS



1" tube diameter
2"1/2 tube pitch
10 FPI fin density

► Groovy embedded fins ► Standard embedded fins

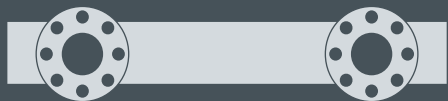


► Enhanced thermal performance
► Capex / Opex savings
► Reducing plot area

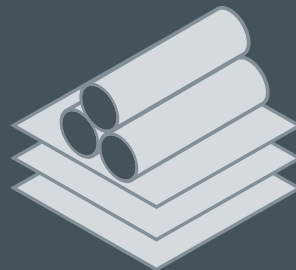


► **API 661 STANDARD**
► **PRESSURE VESSEL DESIGN**
ACCORDING ASME VIII DIV. 1
WITH U-STAMP / CE

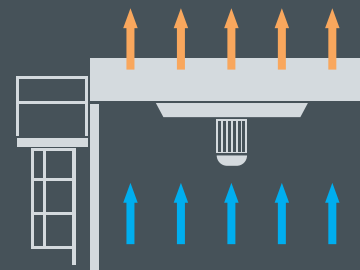
FURTHER FEATURES



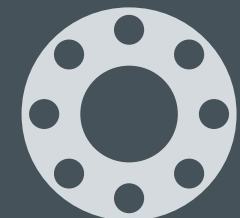
HEADER TYPE:
Plug Header with standard design



HEADERS & TUBE MATERIAL:
Carbon steel | Stainless steel



FAN DRAFT:
Forced



INLET & OUTLET NOZZLES:
2 x 6" Sch 80 (allowable loads 2 x API 661)