Kelvion

15 AFC patents since 2007 and first AFC installed in 1927

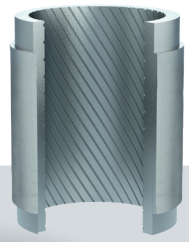
Enhanced technology & Long life cycle

Leading design & manufacturing technologies

www.kelvion.com

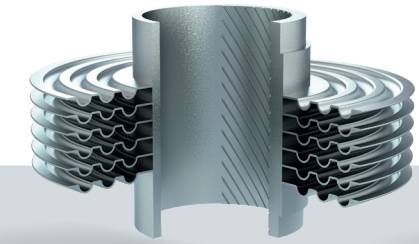
Heat Rejection & Heat Recovery Solutions

AIR FIN COOLER



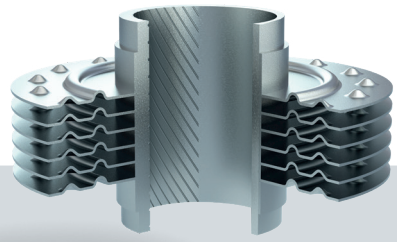
DIESTA TUBE

- Capex savings
- Maximise production
- Improve CO2 Footprint
- Can be combined with fins



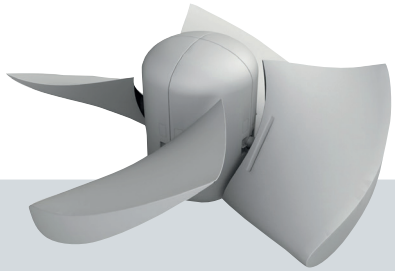
GROOVY FINS (ALU)

- Grooved Fins
- Proven Fouling Robustness
- Capex / Opex savings
- Reducing plot area



GROOVY D-FINS (ALU)

- Grooved & Dimpled Fins
- Proven Fouling Robustness
- Capex / Opex savings
- Reducing plot area

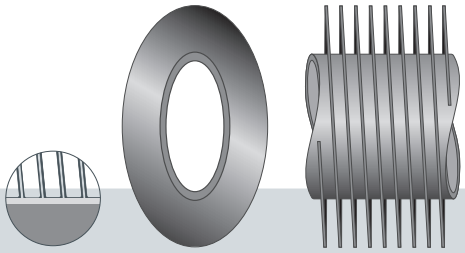


EFFASY LOW NOISE FAN

- 2dB VS Conventional Low Noise Fan
- Excellent Aerodynamic
- Lower Power Consumption Efficiency

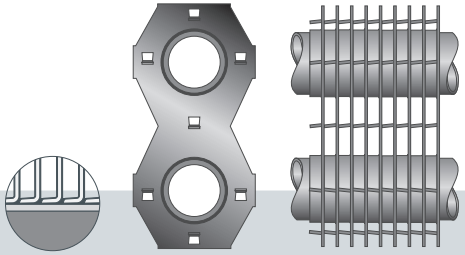
MARKETS

- Data Centre
- Power
- Chemicals
- Hydrogen
- LNG
- Oil & Gas



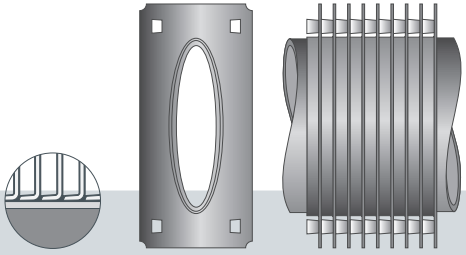
FINNED TUBE (HDG)

- Excellent thermodynamics
- Reduced pressure losses on the air side
- Ideal if regular cleaning is required
- For polluted air environment



FINNED TUBE (HDG)

- High rigidity
- Ideal fo high pressure ratings
- For limited space
- For polluted air environment



CW/FE/KE/AE FINNED TUBE (HDG)

- Excellent thermodynamics
- Reduced pressure losses on the air side
- Very good heat transfer coefficients
- For polluted air environment

TUBES	AFC Aluminum Fins	AFC Hot Dip Galvanized
Groovy Fin	☑	
Diesta	☑	
Rolled Fin (Type L)	☑	
Knurled Rolled Fin (Type KL)	☑	
Double Wrapped Fin (LL)	☑	
Bi-metallic Extr. Fin (Type Ex)	☑	
Embedded Fin (Type g)	☑	
CW Tube		☑
Fe/Ke/Ae Tubes		☑
Xe Tubes		☑
Ph/Hi Tubes		☑

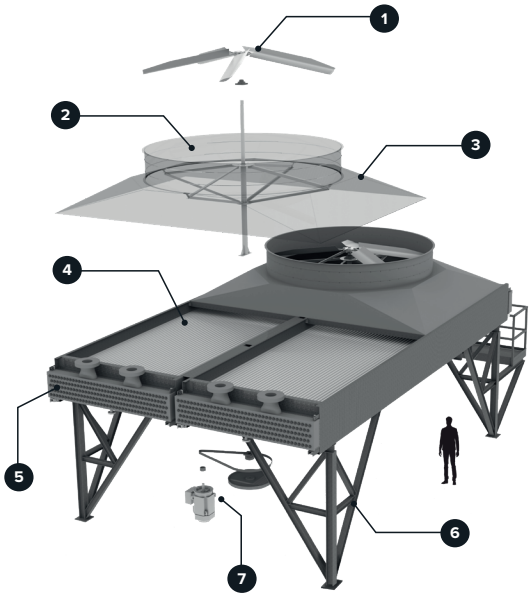
HEADERS	AFC Aluminum Fins	AFC Hot Dip Galvanized
Plug Type Header	☑	
Cover Plate Header	☑	☑
Pipe Header	☑	
Bonnet Header (Type D)	☑	☑
Welded Bonnet Header	☑	☑
Cover Plate Header with Stud Bolts		☑

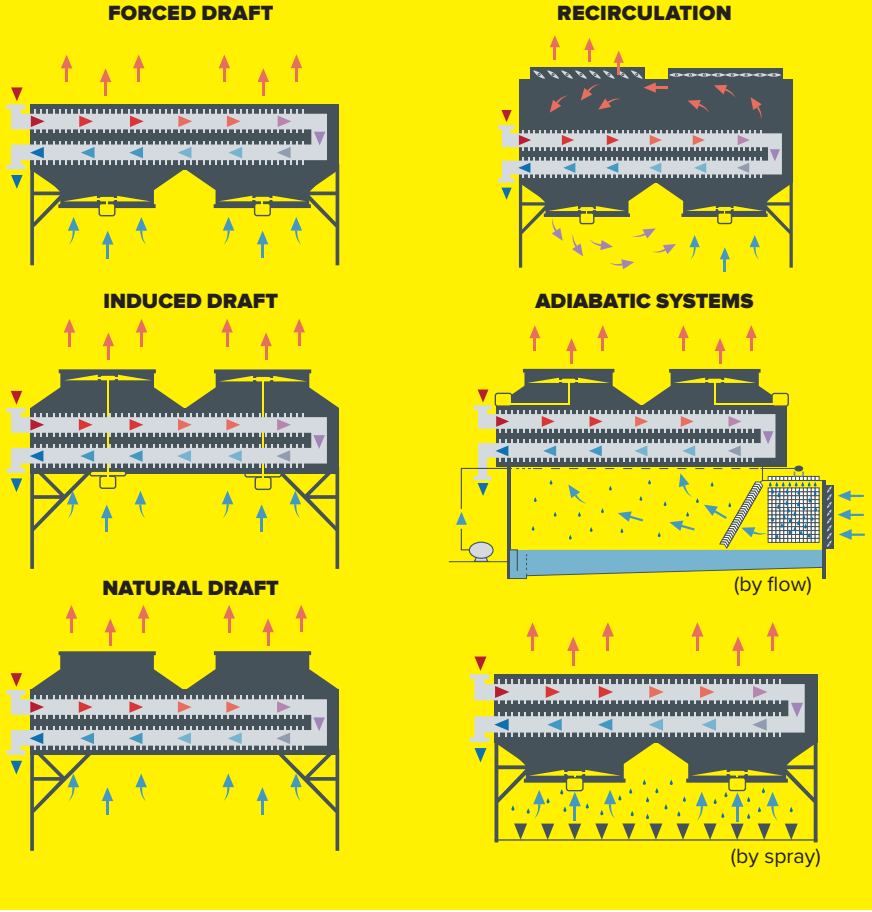
NATIONAL AND INTERNATIONAL CODES & STANDARDS

- ASME
- BS (British Standard)
- CODAP
- AD-Merkblätter
- CUTR (Ex GOST)
- Racolta
- Stoomwezen
- AS1210
- CSA B51
- GB 150
- AFC Referenced Norm: API 661 or ISO 13706

DESIGN

1 Fan
2 Fan ring
3 Plenum
4 Finned Tube Bundle
5 Header
6 Supporting structure
7 Pulley, Engine, Drive Belt





STANDARISED AIR FIN COOLERS

AFX
- API661
- Fast quote & delivery
- Reduced price
- Modularised

MEGA-BAY
- In the intent of API661 (robustness & maintenabillity)
- Fast quote & delivery
- Plug & play with foldable structure
- Modularised
- 1.5 - 4 MW per bay

GIGA-BAY
- In the intent of API661 (robustness & maintenabillity)
- Fast quote & delivery
- Large duty
- 4 - 8 MW per bay