



Modular & Compact Design,
Fast Quotation & Delivery

Low Noise
Less Power Consumption

Leading Design &
Manufacturing
Technologies

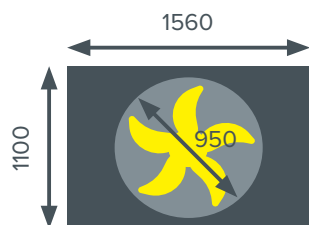


www.kelvion.com

Heat Rejection & Heat Recovery Solutions

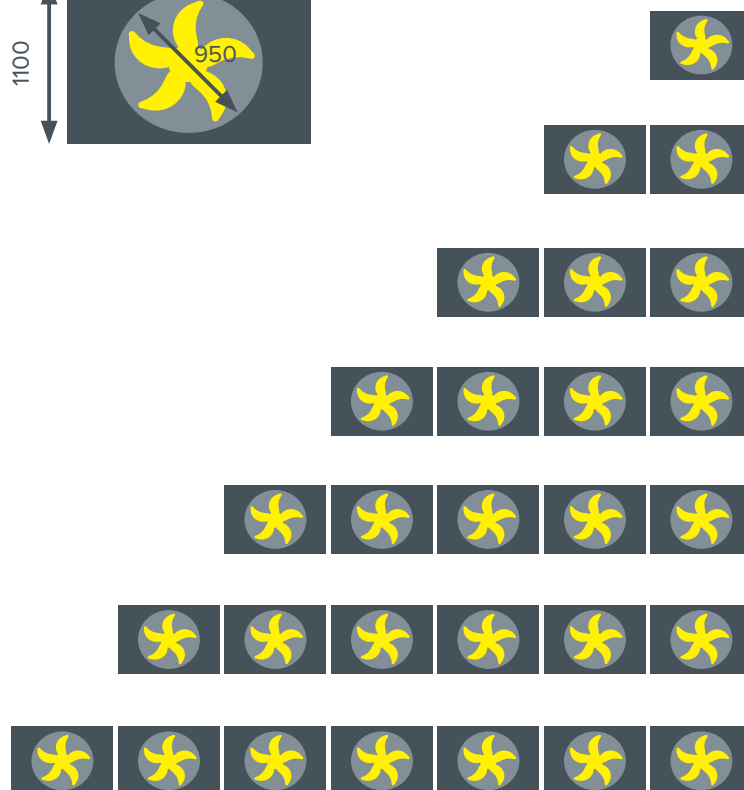
STANDARDIZED AIR FIN COOLER (AFX) HDG

DESIGN



NUMBER OF
FAN UNITS

BANK
LENGTH



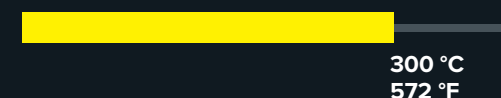
DESIGN PARAMETER



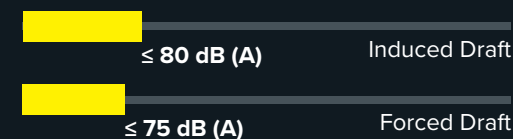
DESIGN PRESSURE



DESIGN TEMPERATURE



NOISE SPL @1m PER ITEM



MARKETS



Chemicals



Power



Heavy & Light
Industry



Oil & Gas

FLUID

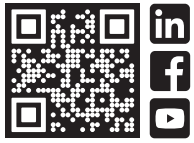
- ▶ WATER
- ▶ WATER / GLYCOL
- ▶ STEAM
- ▶ OIL
- ▶ HYDROCARBONS



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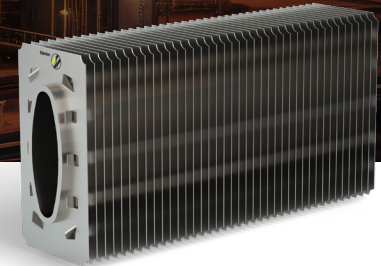
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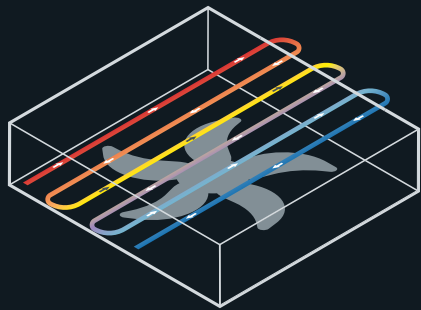
www.kelvion.com

Heat Rejection & Heat Recovery Solutions

STANDARDIZED AIR FIN COOLER (AFX) HDG

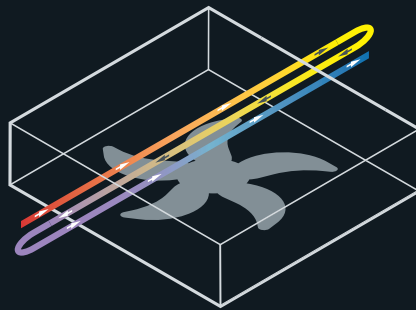


FLOW OPTIONS



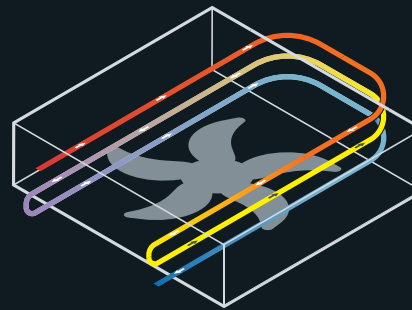
CROSSFLOW

- ▶ Tube rows 2 - 4
- ▶ Passes 1 - 11



COUNTERCURRENT FLOW

- ▶ Tube rows 2 - 4
- ▶ Passes 2 - 4

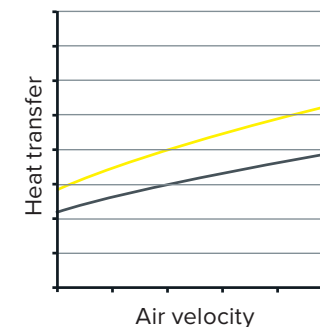


COUNTERCROSS FLOW

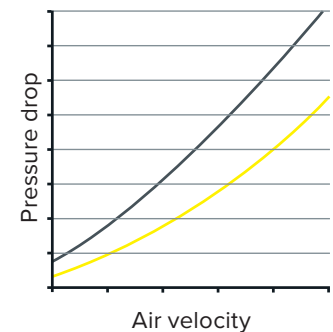
- ▶ Tube rows 2 - 4
- ▶ Passes 4 - 8

CW TUBES

HEAT TRANSFER

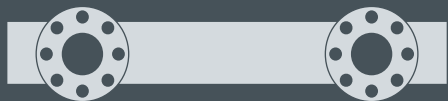


PRESSURE DROP

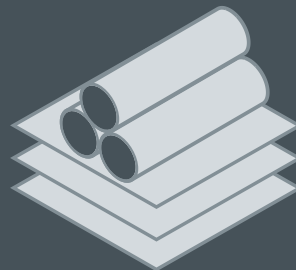


— Conventional elliptical tube
— CW Tube

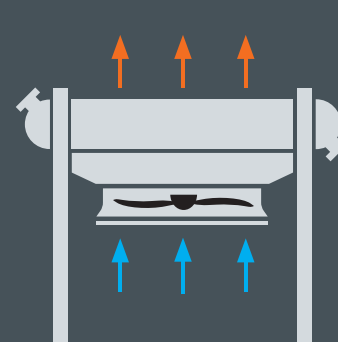
FURTHER FEATURES



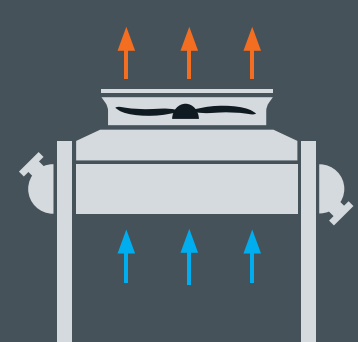
INLET & OUTLET NOZZLE:
DN65 | DN80 (PN40)



HEADERS & TUBE MATERIAL:
Carbon steel | Carbon Steel (HDG)



FORCED DRAFT



INDUCED DRAFT