

Kelvion Air Fin Cooler

TAKING OUT THE HEAT OF MAJOR INDUSTRIES



DESIGN & FUNCTION

Wherever cooling processes are required within your industrial production facilities, we regulate it all to a precise temperature. Oil, gas and chemicals, steelworks and power stations, from paper to textiles – Kelvion provides you with individual solutions throughout the world:

Air-cooled heat exchangers with aluminium (ALU) or hot dipped galvanized (HDG) tubes

Our portfolio includes all air cooler designs for all applications, starting with simple components and ending with complex process engineering.

Your benefits include: manufacturing quality, economic efficiency and flexibility – a winning combination in terms of efficiency.

INDUSTRIES



OIL & GAS
ONSHORE



OIL & GAS
OFFSHORE



CHEMICALS



HEAVY &
LIGHT
INDUSTRY



MINING



POWER

WHY CHOOSE KELVION AFC?

- ▶ Enhanced technology
- ▶ Widest range of fin shapes, tubes, headers and materials
- ▶ Leading design and manufacturing technologies
- ▶ Complete service packages
- ▶ Fast delivery
- ▶ Long life cycle

OUR EXPERIENCE



15 AFC
PATENTS
SINCE 2007



OVER 120,000
TUBE BUNDLES
SOLD SINCE THE
1970'S



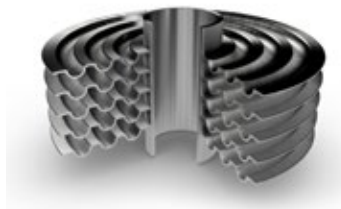
FIRST AIR FIN
COOLER
INSTALLED IN
1927

HIGHLIGHTS



DIESTA FINS (ALU)

- ▶ Capex savings
- ▶ Increased revenue
- ▶ Improve CO₂ footprint



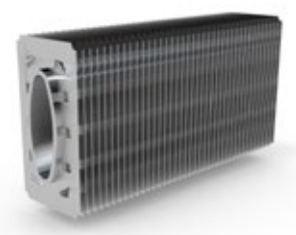
GROOVY FINS (ALU)

- ▶ Enhanced thermal performance
- ▶ Capex / Opex savings
- ▶ Reducing plot area



EFFASY low noise fan

- ▶ excellent aerodynamic efficiency
- ▶ Lower Power consumption



CW TUBES (HDG)

- ▶ Enhanced thermal performance
- ▶ Low operating expenses
- ▶ Low CO₂ emissions
- ▶ Low noise emissions

TUBES

We offer a choice of aluminum finned tubes or hot dip galvanized steel finned tubes. Tube bundles with aluminum finned tubes are considerably lighter, insensitive to soiling and easy to clean. The galvanized steel systems offer a very long service life of up to 30 years and are extremely resistant to rough weather conditions.

TUBES	GROOVY FIN	DIESTA	ROLLED FIN (TYPE L)	KNURLED ROLLED FIN (TYPE KL)	DOUBLE WRAPPED FIN (LL)	BIMETALLIC EXTRUDED FIN (TYPE EX)	EMBEDDED FIN (TYPE G)	CW TUBE	FE/KE/AE TUBES	XE TUBES	PH/HI TUBES
AFC ALU	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
AFC HDG								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

HEADERS

At each end of the bundle, the medium to be cooled is distributed across the tubes by the headers.

HEADERS	PLUG TYPE HEADER	COVER PLATE HEADER	PIPE HEADER	BONNET HEADER (TYPE D)	WELDED BONNET HEADER	COVER PLATE HEADER WITH STUD BOLTS
AFC ALU	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
AFC HDG		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>