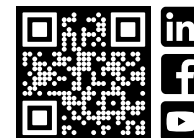




Compact fin-tube systems
with enhanced heat
transfer

Different materials and
surface protection options
for gas side cooling

High reliability and
performance density



www.kelvion.com

Engine & Generator Cooling Solutions

CLOSED CIRCUIT COOLER



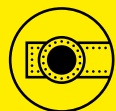
MATERIAL OPTIONS

TUBES



- ▶ Cu
- ▶ CuNi10
- ▶ CuNi30
- ▶ Brass
- ▶ Stainless Steel
- ▶ Titanium
- ▶ Duplex

HEADER



- ▶ Carbon Steel + Rilsan Coating
- ▶ Stainless Steel
- ▶ CuNi10
- ▶ CuNi30
- ▶ Titanium

FINS



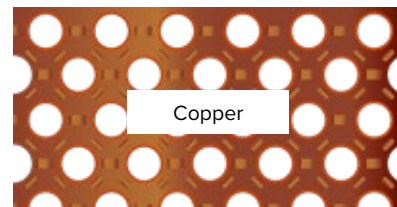
- ▶ Cu
- ▶ Al
- ▶ Cu tinned
- ▶ Stainless Steel
- ▶ Al-Epoxy
- ▶ Blygold Coating®

TUBE SHEETS

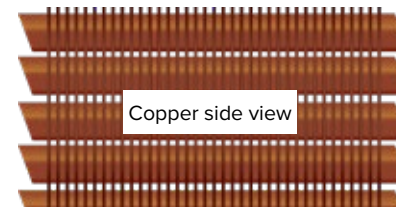


- ▶ CuNi10
- ▶ CuNi30
- ▶ CuZn38SnAl
- ▶ Carbon Steel
- ▶ Stainless Steel
- ▶ Titanium

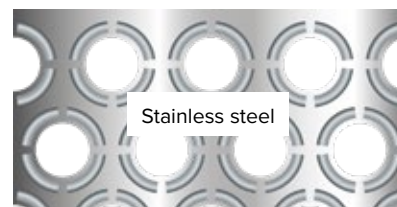
COMPACT FIN-TUBE SYSTEM



Copper



Copper side view



Stainless steel



Stainless steel

Each Compact Fin-Tube System has an individual fin design according to the application requirements they are mainly used for. The fin designs are developed with CFD and verified in a wind tunnel.

MARKETS



Marine



Chemicals



Power



Oil & Gas

COMPACT FIN-TUBE SYSTEM

Type	Tube OD	Tube Wall	Tube Pitch	Fin Pitch
S119-32	12 mm	0.6 mm	32 mm	1.2 - 3.0 mm
S141-34	14 mm	0.7 mm	34 mm	1.4 - 3.0 mm
S201-34	20 mm	1.0 mm	34 mm	1.4 - 3.8 mm
S201-50	20 mm	0.8/1.0 mm	50 mm	1.6 - 3.0 mm