FIN TUBES MFG. CO
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FIN TUBES
HEAT EXCHANGERS
MAINLY REQUIRED BY VARIOUS
INDUSTRIES LIKE PETRO CHEMICAL
PLANTS OIL REFINERY PLANTS
TEXTILE PLANTS
MARINE INDUSTRIES
& CHEMICAL PLANTS

RADIATOR FOR
TEXTILE INDUSTRIES
FLOT DRIER, STENTER,
HEATSETTING CURING
CHAMBER & POLYMERIZER,
PRINTING MACHINE &
PRINTING OVEN LOOP
AGER & STEAMER, HOT FLUE
CHAMBER ENCLOSED DRYING
RANGE PVC. OVENS ETC.

STRONG STREAMLINED
HEAT EXCHANGERS
BIG AIR COOLING COILS
CONTINUOUS FINNED TUBES WHICH GIVES
BETTER BONDING OF FINS INCREASED
HEAT TRANSFER RATE, COMPACTNESS
& ECONOMY USE OF FINNED TUBES
INCREASES EFFICIENCY AT REDUCED COST

HEAVY DUTY HIGH
PRESSURE OR SMALL
HEATING BATTERY
To meet the growing needs of Industries
for HEATING and COOLING problems we
have imported special finning Machines.

CONTINUOUS FINNED TUBES are Available in
'Plain' Type, 'L' Type,
'KL' Type, Groove / Embedded (G) Type,
'Crimped' Type, Extruded Type Fin Tubes,
Continuous Soldering / Route Soldering
in Copper & Brass cupronickel,
Wire Wound Type Fin tube, in any material

In Tubes sizes of 9.52 mm (3/8") O. D. to
101.6 mm (4") O. D.
40 Ft. Length & Finned O.D. 6" (Max)

INTEGRAL Type FINNED TUBES can be
manufactured in Copper, Carbon Steel, S.S.,
Aluminum-Brass and Cupronickel
as per individual requirements in tubes sizes
of 1/2" O.D. to 1" O.D.

YOUR REQUIREMENTS ARE OUR STANDARDS
• Continuous finned tubes
• Air Heaters
• After - Coolers
• Radiators for Textile Industry
• Heating / Cooling Batteries
• Shell & Tube Heat Exchanger
• Ammonia & Liquid Gas Vaporizers
• Steam Heaters
• Generator Coolers
• Air Pre- Heaters
CRIMPED TYPE FIN TUBES
(in any material)

Tube Range 3 / 8" OD to 4" OD tube / 40 feet long.
Fin Height :- 2 mm to 35 mm Int. (depends on tube OD)
Fin Thickness :- 0.2 mm To 2 mm Ink. (depends on tube & Fin ht.)
No. of fins / inch :- minimum 2 FPI to 12 FPI
(depending on fin Thickness & Fin Height)

'L' BASE Fin TUBES
(Base Tube - any material / Fin material. CRCA /M. S.)

Tube Range . Minimum 3/4" OD to 50.8 mm x 40 feet long.
Fin Height, :- 10 mm to 22 mm (depends on Tube OD)
Fin Thickness. :- 0.45 mm to 0.8 mm
No. of fins / inch :- 3FPI To 10 FPI
( depends on fin Height. & Fin thickness.)

'KL' / 'L' BASE Fin TUBES
(Base Tube - any material.
Fin material :- copper, Brass & Aluminum)

Tube Range (Min) :- 15.88 mm OD to 50.8 mm x 40 feet long
Fin Height :- 12.7 mm to 16 mm Int. (depends on Tube OD)
Fin Thickness :- 0.4 mm Standard.
No. of fins / inch :- 6 FPI To 12 FPI ( depends on fin Height. )

'G' Type / Plain Type
(Base tube - any material
Strip / fin material.: M. S/CRCA, Copper, Brass & Aluminum)

Tube Range :- 19.05 mm - to 88.9 mm - 40 Feet long
Fin Height :- Minimum 5mm to 25mm ( depends on Tube OD)
Fin Thickness :- 0.4 mm to 2 mm Thickness (depends on fin Height.)
No. of fins / inch :- 4 FPI to 9 FPI (depends on fin int. & fin Thickness.)
'G' Embedded Fin Tube
(Base Tube - any Material
Fin material - copper, Brass & Aluminum)

Tube Range: 15.88 mm to 50.80 mm - 40 feet long
Fin Height: 6 mm to 16.3 mm
Fin Thickness: 0.4 mm Standard
No. of fins / inch: 6 FPI to 12 FPI

Extruded & fin tubes
(Base Tube - any Material Fin material: Aluminum)

Tube range: 3/4" to 50.8 mm - 40 feet long.
Fin OD: 37 mm OD to 63.5 mm OD (depends on Base Tube)
No. of fins / inch: 10 Standard.

Wire Wound fin tubes
(In Any material)

Tube range: 3/8" OD to 31.75 OD - 40 feet long.
Fin OD: 29 mm OD to 55 mm OD (depends on Base Tube)
No. of fins / inch: 3 FPI to 6 FPI

Integral / Low Fin Tubes
(In Any material)

Tube range: 1/2" OD to 1" OD
No. of fins / inch: 11 FPI to 26 FPI
**CRIMPED TYPE**

**Description**
This fin type is a non taper fin wrapped under tension around the base tube. The finning process results in a crimp forming at the foot of the fin. Fin is then wound to the base tube at the strip ends. Maximum operating temperature for this fin type is 250°C.

**L' BASE**

**Description**
The strip material is subjected to controlled deformation under tension giving the optimum contact pressure of the foot of the fin onto the base tube thus maximizing the heat transfer properties. The foot of the fin considerably enhances the corrosion protection of the base tube. Maximum operating temperature for this fin type is 150°C.

**G' BASE**

**Description**
The fin strip is wound into a machined groove and securely locked into place by back filling with base tube material. This ensures that maximum heat transfer is maintained at high tube metal temperatures.

Maximum operating temperature for this fin type is 450°C.