RAAL Fins

RAAL fins have the best geometry suited for each fluid involved in the thermal transfer process

RAAL uses a wide range of fins, depending on the application's requirements

The fin forming machines, RAAL patent, can achieve, with simple adjustments, the geometries required (pitch, height, etc).

RAAL Fins

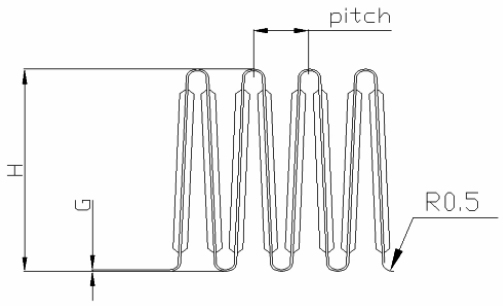
WAVY AIR FIN

Pitch= 2.5 .. 8 mm
(6 .. 20 FPI)
G= 0.1 .. 0.3 mm
H= 3 .. 12

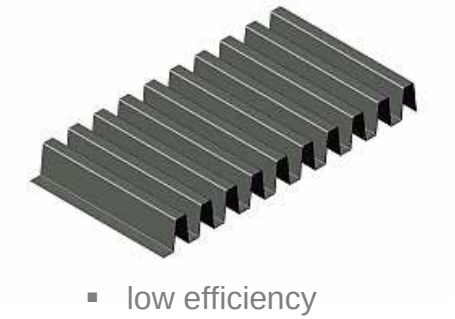
- very good efficiency
- high mechanical resistance
- it preserves its own characteristics
- high pressure drops
- very flexible geometry (Height and Pitch)
- it doesn't get clogged (self cleaning)
- for less clean environments (heavy duty applications

LOUVERED AIR FIN

Pitch= 2.5 .. 5 mm
(10 .. 20 FPI)
G= 0.12 .. 0.14 mm
H= 8, 9, 10, 12

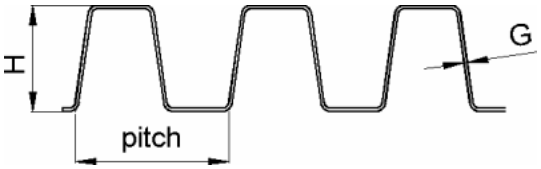


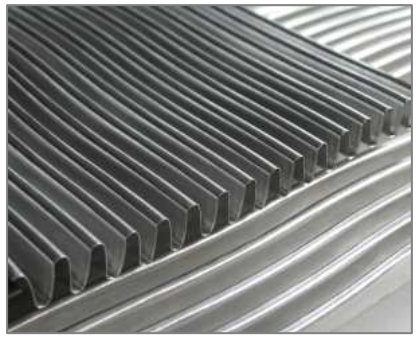
- maximum efficiency
- low pressure drops
- for clean environments (automotive, stationary applications)



FLAT TOP AIR FIN

Pitch= 5 .. 10 mm
(5 ..10 FPI)
G= 0.1.. 0.2 mm
H= 7, 8, 9, 10, 12

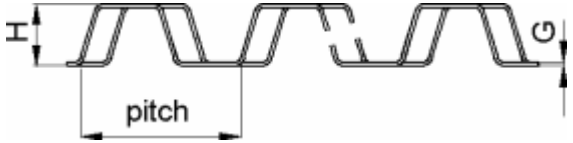


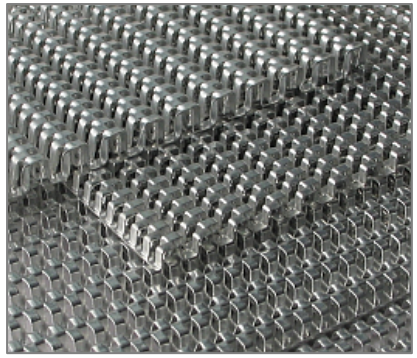


- low efficiency
- low pressure drops
- for contaminated environments (mining, agricultural applications)

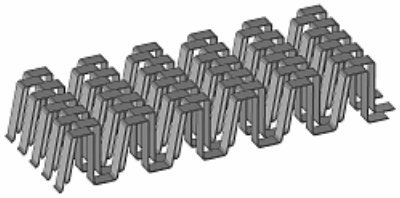
OFFSET TYPE OIL TURBULATOR

Pitch= 4.5 .. 8 mm
(6 ..11 FPI)
G= 0.2 .. 0.5 mm
H= 1.6 .. 5 mm



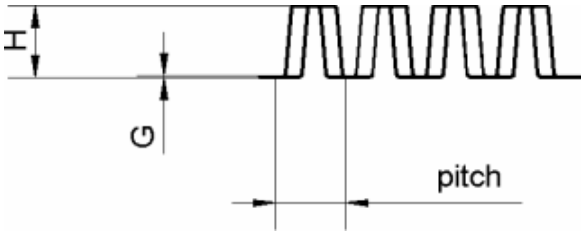


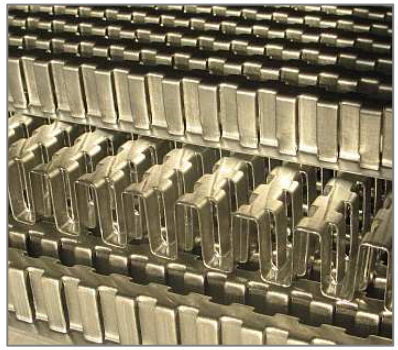
- diversified usage (oil and compressed air)
- flexible geometry (Height and Pitch)



OFFSET TYPE AIR TURBULATOR

Pitch= 4.5 .. 8 mm
(6 ..11 FPI)
G= 0.12 .. 0.2 mm
H= 4.9 .. 9 mm





- for charge air coolers