



TECHNO COIL

THINK SMART, THINK FOR FUTURE

CATALOGUE

FINNED PACK HEAT EXCHANGERS

MATERIAL

STANDARD USED IN THE MANUFACTURE OF HEAT EXCHANGERS

TUBES

COPPER

smooth

Cu 5 mm x 0,4 mm
Cu 1/4" (6,35 mm) x 0,28 mm
Cu 7 mm x 0,28 mm
Cu 5/16" (7,94 mm) x 0,28 / 0,41 mm
Cu 3/8" (9,52 mm) x 0,28 / 0,35 / 0,50 mm
Cu 1/2" (12,7 mm) x 0,33 / 0,35 / 0,50 / 0,70 mm
Cu 5/8" (15,88mm) x 0,35 / 0,40 / 0,50 / 0,70 / 0,80 mm

with inner groove

Cu 5 mm x 0,20 mm
Cu 1/4" (6,35 mm) x 0,25 mm
Cu 7 x 0,28 / 0,31 mm
Cu 5/16" (7,94 mm) x 0,28 / 0,33 mm
Cu 3/8" (9,52 mm) x 0,28 / 0,35 / 0,40 mm
Cu 1/2" x 0,36 / 0,40 mm

STAINLESS STEEL

smooth

AISI304
AISI316L
stainless steel: X4 0,15 mm / X6 0,15 mm

FINS

ALUMINIUM

Al 0,10 / 0,11 / 0,12 / 0,15 / 0,18 / 0,20 / 0,25 / 0,28 mm

HYDROPHILIC

AH 0,15 mm

EPOXY

AE 0,12 / 0,15 / 0,20 mm

COPPER

Cu 0,12 / 0,15 mm

HEADERS

COPPER

STAINLESS STEEL

STEEL

FRAME

ALUMINIUM

GALVANIZED STEEL

COPPER

STAINLESS STEEL

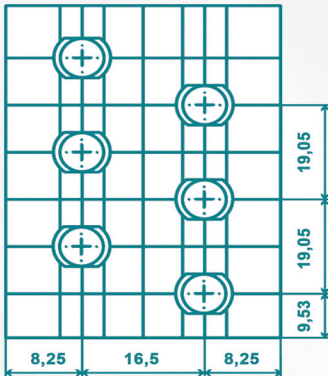


GEOMETRIES

GEOMETRY		TUBE DIAMETER		FIN TYPE	FIN SPACING	MAX OVERALL LENGTH
type	mm	ømm	ø Zoll		mm	mm
VI-T-1916-5	19,05 × 16,5	5,00		corrugated / smooth	1,27 - 3,18	200-1100
VI-T-1916-6	19,05 × 16,5	6,35	1/4"	corrugated / smooth	2,54 - 5,08	200-1900
VI-T-2017-5	20 × 17,32	5,00		corrugated / smooth	1,15 - 5,08	200-2300
VI-T-2513-10	25 × 12,5	9,52	3/8"	corrugated / smooth	1,49 - 3,18	200-1500
VR-T-2522-7	25 × 21,65	7,00		corrugated / smooth	1,6 - 6	180 - 4000
VI-T-2522-5	26 × 21,65	5,00		sine wave / smooth	1,27 - 3,63	200 - 2300
VR-T-2522-8	25 × 21,65	7,94	5/16"	corrugated / smooth	1,6 - 6	90 - 11500
VR-T-2522-10	25 × 21,65	9,52	3/8"	corrugated / smooth	1,6 - 6	100 - 11500
VI-S-2525-10	25 × 25	9,52	3/8"	corrugated / smooth	1,49 - 3,18	200-1500
VI-S-2626-10	25,4 × 25,4	9,52	3/8"	corrugated / smooth	1,41 - 8,46	200-1500
VH-S-3030-12	30 × 30	12,70	1/2"	smooth	1,6 - 4	300 - 3800
VH-S-3030-16	30 × 30	15,88	5/8"	corrugated	1,6 - 5	300 - 3800
VI-T-3228-12	31,75 × 27,5	12,70	1/2"	corrugated / smooth	1,21 - 5,08	200- 4000
VR-T-3530-12	35 × 30,31	12,70	1/2"	corrugated / smooth	1,6 - 6	130 - 11500
VR-S-3535-10	35 × 35	9,52	3/8"	corrugated	1,8 - 8	170 - 4500
VR-S-3535-12	35 × 35	12,00		corrugated / smooth	1,6 - 12	170 - 4500
VH-T-3833-12	38 × 32,91	12,70	1/2"	corrugated / smooth	1,6 - 6,5	300 - 3800
VI-T-2516-8	25,4 × 15,88	7,94	5/16"	corrugated / smooth	1,21 - 4,23	200-1500
VI-T-2516-10	25,4 × 15,88	9,52	3/8"	corrugated	1,21 - 3,63	200-1500
VC-T-5527-16	55 × 27,5	15,88	5/8"	corrugated	2,1 - 7,5	200-10000
VC-S-5555-16	55 × 55	15,88	5/8"	corrugated	2,1 - 7,5	200-10000
VH-T-6030-16	60 × 30	15,88	5/8"	corrugated	1,6 - 6,5	300 - 3800

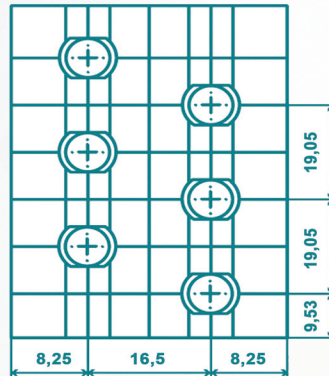
GEOMETRIES

TechnoCoil
VI-T-1916-5



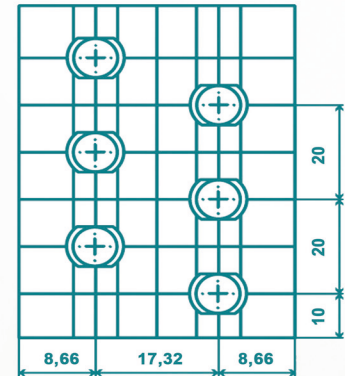
Fin type: corrugated/ smooth

TechnoCoil
VI-T-1916-6



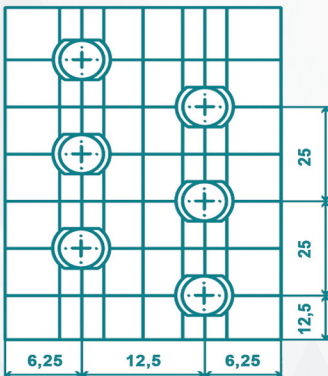
Fin type: corrugated/ smooth

TechnoCoil
VI-T-2017-5



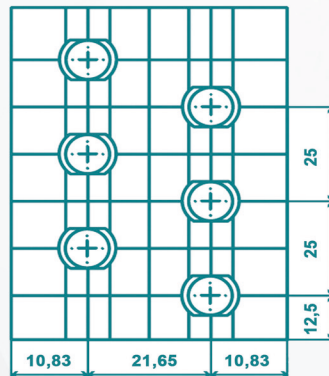
Fin type: corrugated/ smooth

TechnoCoil
VI-T-2513-10



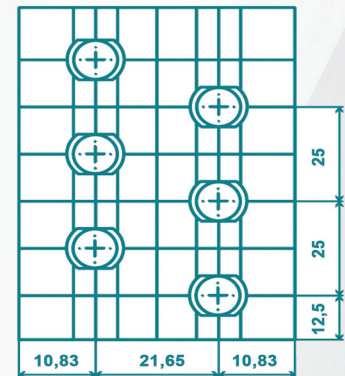
Fin type: corrugated/ smooth

TechnoCoil
VR-T-2522-7
VI-T-2522-5



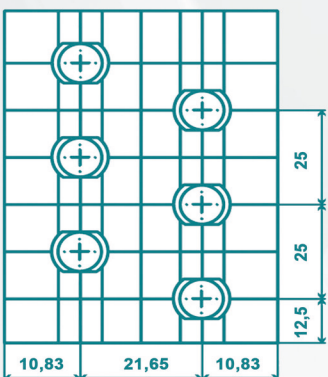
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TechnoCoil
VR-T-2522-8



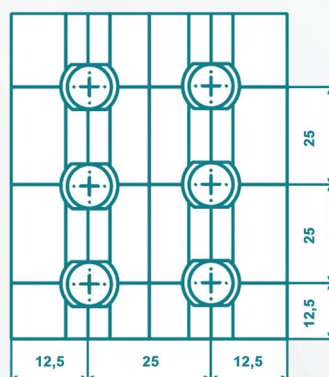
Fin type: corrugated/ smooth

TechnoCoil
VR-T-2522-10



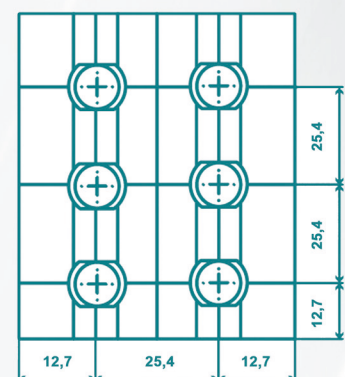
Fin type: corrugated/ smooth

TechnoCoil
VI-S-2525-10



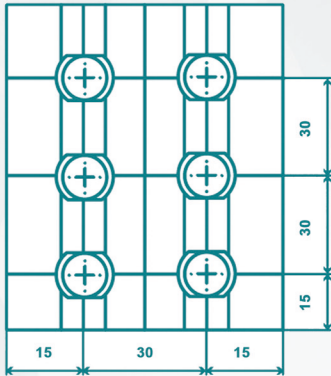
Fin type: corrugated/ smooth

TechnoCoil
VI-S-2626-10



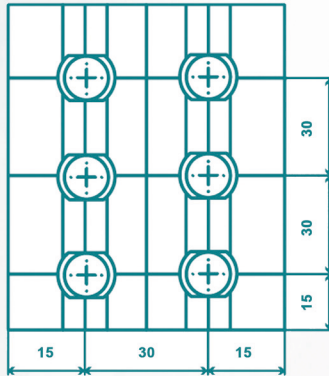
Fin type: corrugated/ smooth

TechnoCoil
VH-S-3030-12



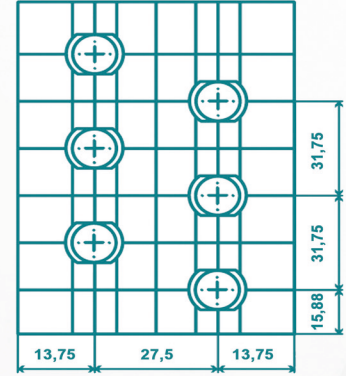
Fin type: smooth

TechnoCoil
VH-S-3030-16



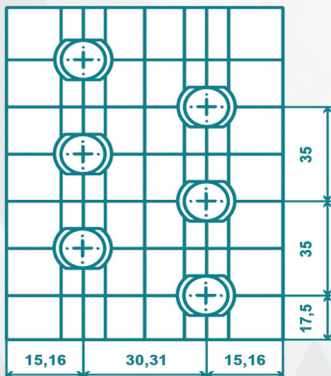
Fin type: corrugated

TechnoCoil
VI-T-3228-12



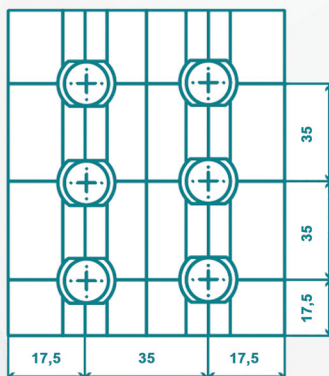
Fin type: corrugated/ smooth

TechnoCoil
VR-T-3530-12



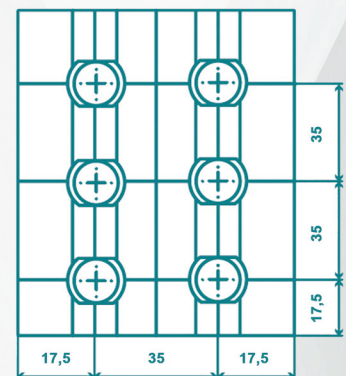
Fin type: corrugated/ smooth

TechnoCoil
VR-S-3535-10



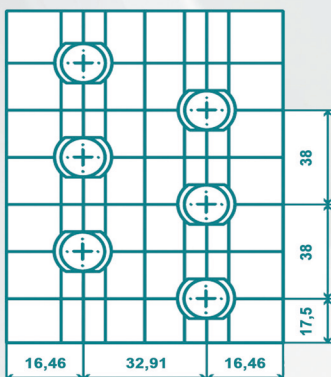
Fin type: corrugated

TechnoCoil
VR-S-3535-12



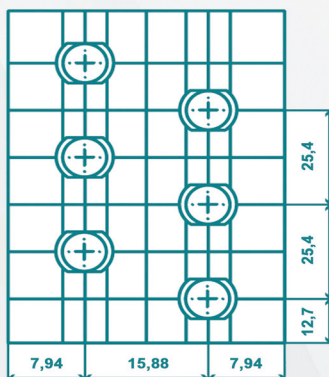
Fin type: corrugated/ smooth

TechnoCoil
VH-T-3833-12



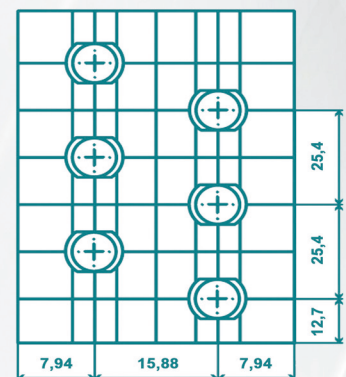
Fin type: corrugated/ smooth

TechnoCoil
VI-T-2516-8



Fin type: corrugated/ smooth

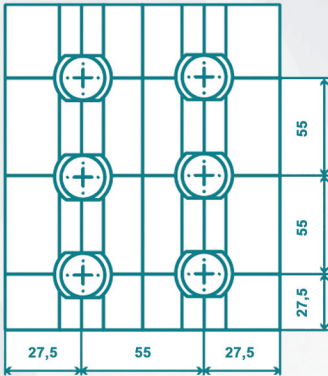
TechnoCoil
VI-T-2516-10



Fin type: corrugated

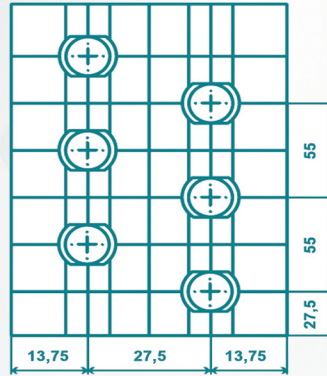
GEOMETRIES

TechnoCoil
VC-S-5555-16



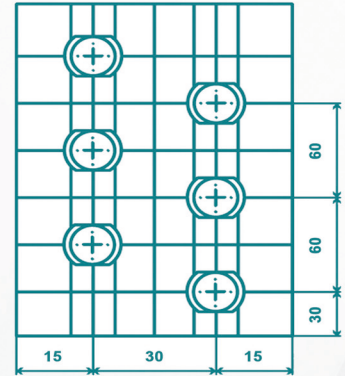
Fin type: corrugated

TechnoCoil
VC-T-5527-16



Fin type: corrugated

TechnoCoil
VH-T-6030-16



Fin type: corrugated

DESIGN OF HEAT EXCHANGERS

Frame

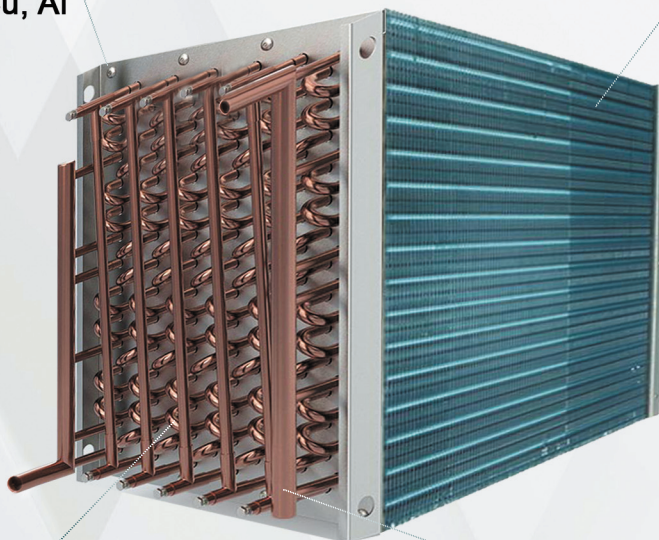
standard version
available FeZN, Cu, Al

Fin

aluminium, epoxy,
hydrophilic, copper,
corrugated, smooth

Surface treatment

epoxy coating,
cataphoresis, blygold,
heresite



Tube material

copper, stainless steel,
different diameters

Headers

epoxy coating,
cataphoresis, blygold,
heresite

TYPES OF EXCHANGERS

We produce these types of exchangers:

- Water coils - water heater and water cooler
- Freon coils - evaporators and condensers, reversible coils
- Coils for CO2
- Brine/glycol coils
- Steam coils
- Exhaust gas coils

TYPES OF COATING

We offer the possibility of the following surface treatment of exchangers

- epoxy treatment
- cataphoresis
- blygold
- heresite

QUALITY CONTROL

The quality of the products is ensured by a three-phase control

- pressure test of tightness in a water bath
- inspection of the design in accordance with the drawing documentation, inspection of dimensions
- the resulting overall visual products inspection

Of course, there is also control and adherence to packaging standards.

OPTIONS

We also provide special options which are available (on request) at an additional cost

- extra strong packaging on request
- transport services



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