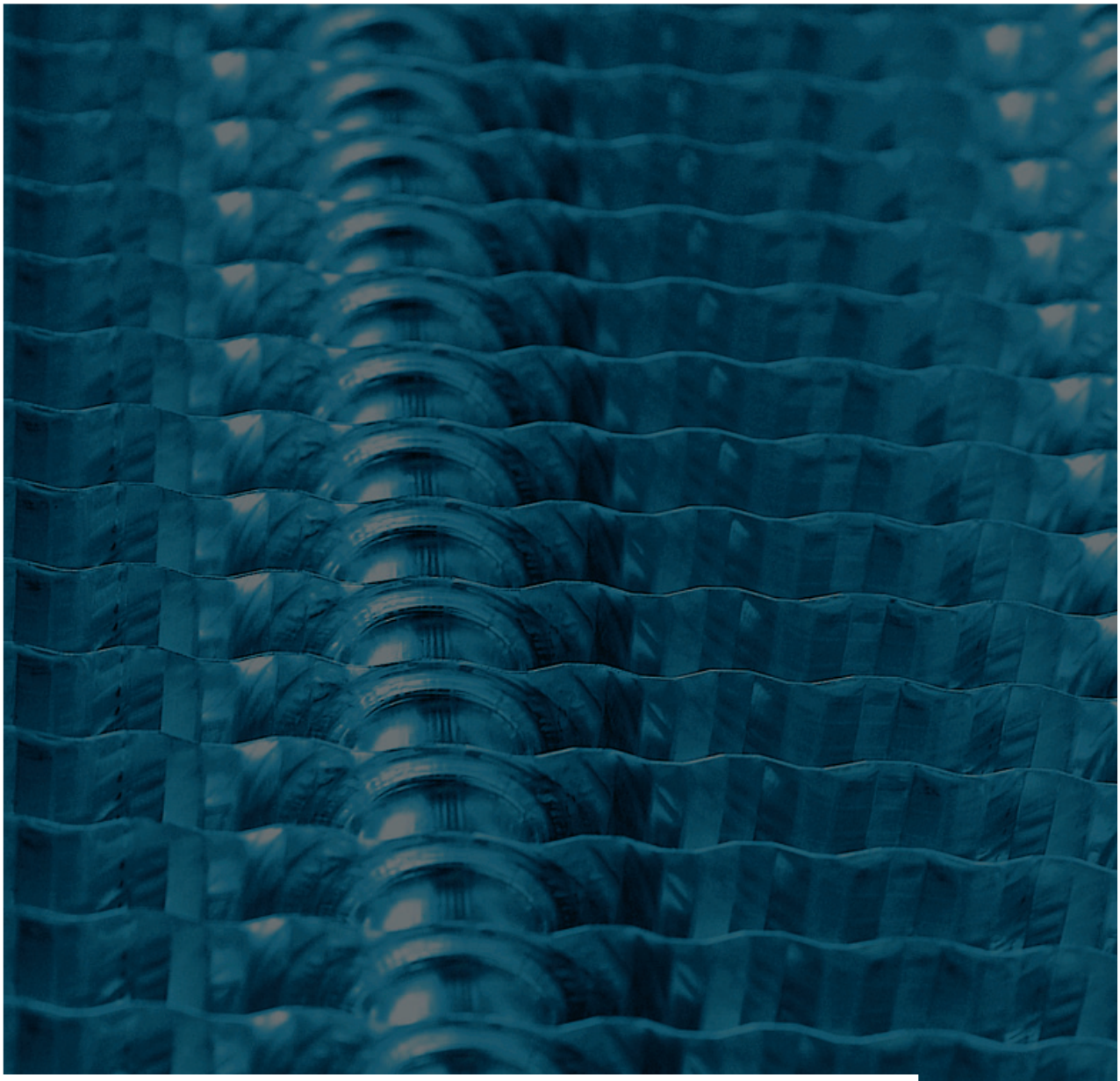


Coils Catalogue

COILS & COOLERS

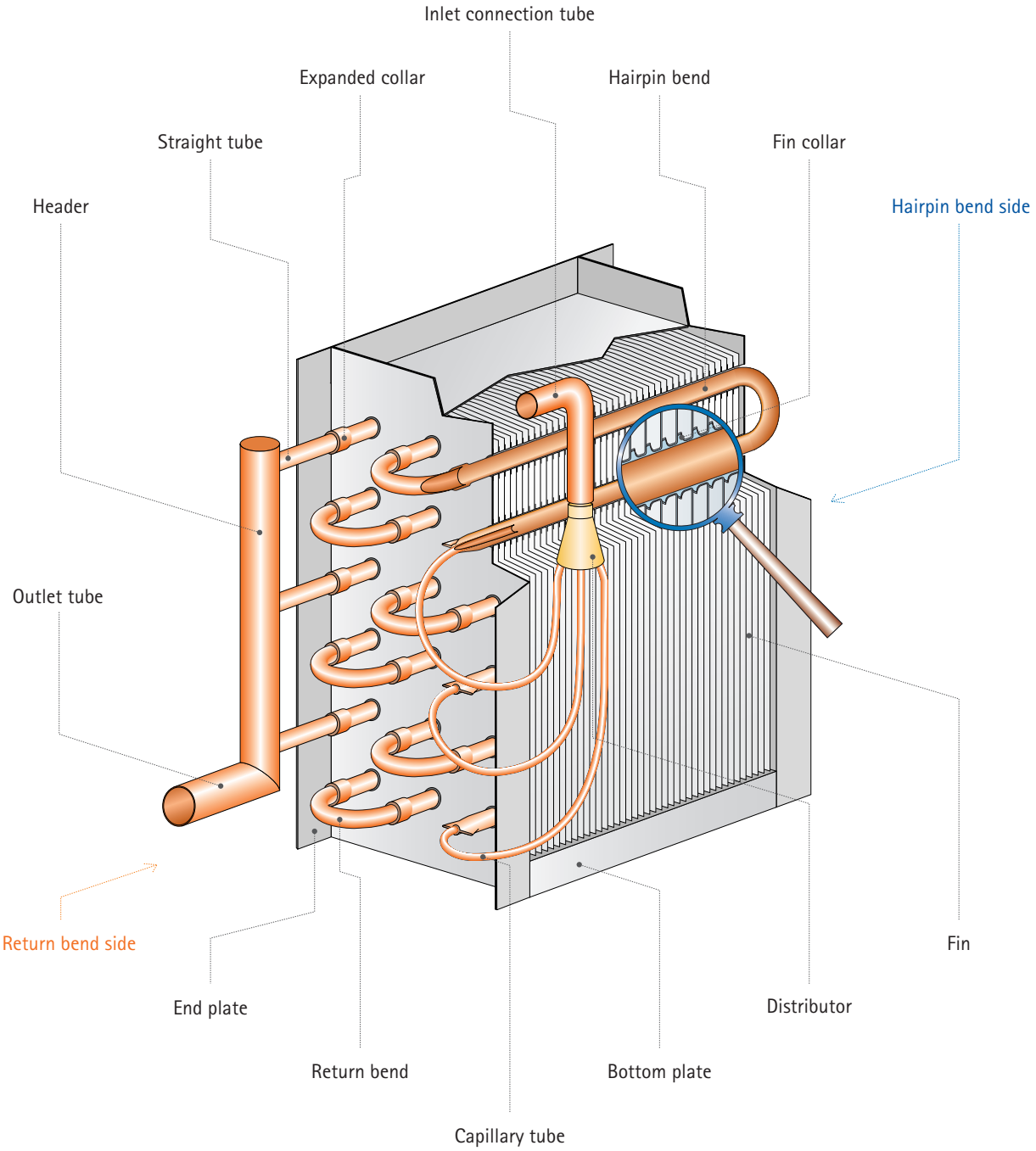
LUVATA

Partnerships beyond metals

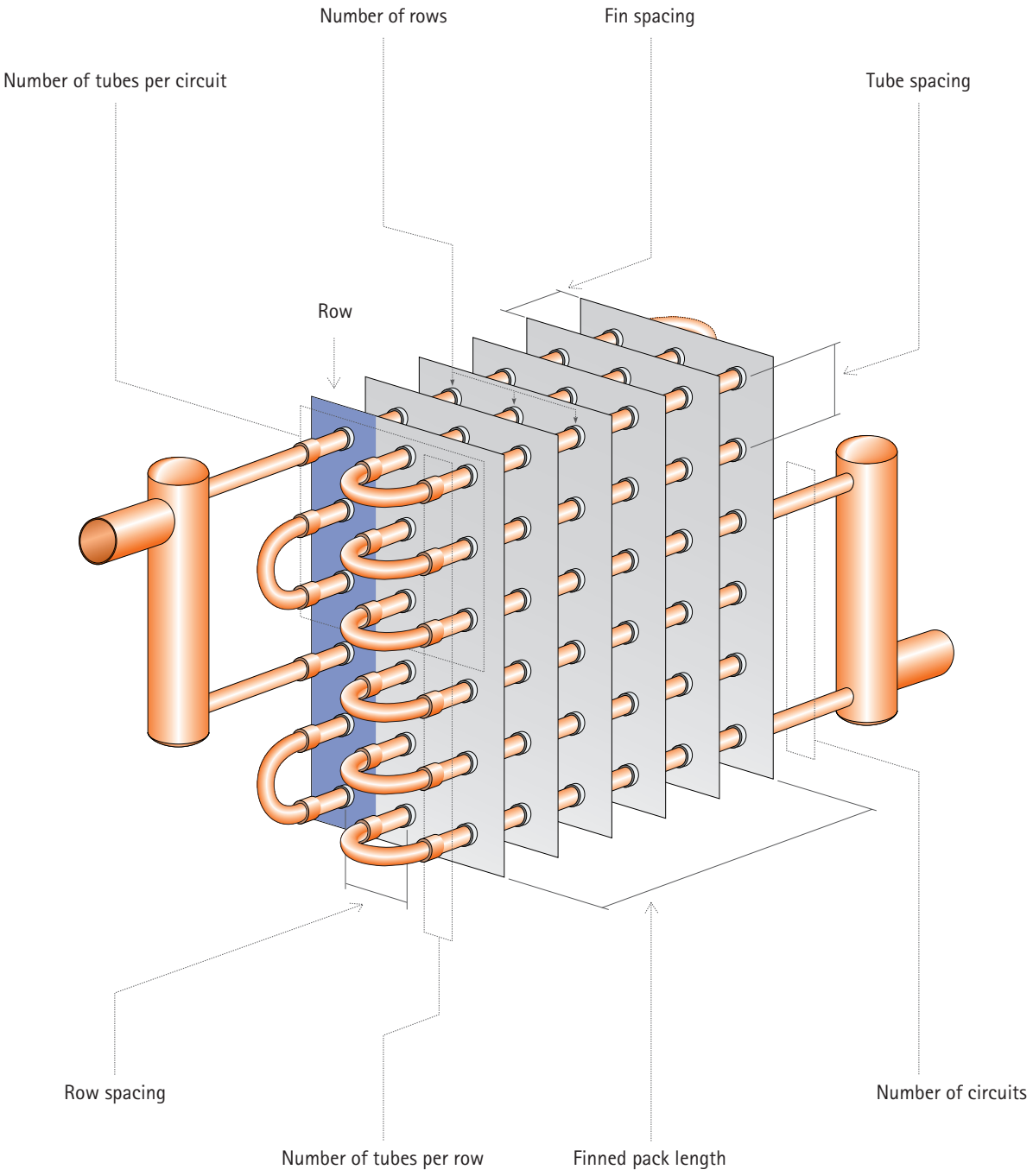
A02

Contact our technical staff
to customize your coil
in compliance to your project's specific requirements
and for any further information
and details on this geometry,
its potentiality
and possible applications.

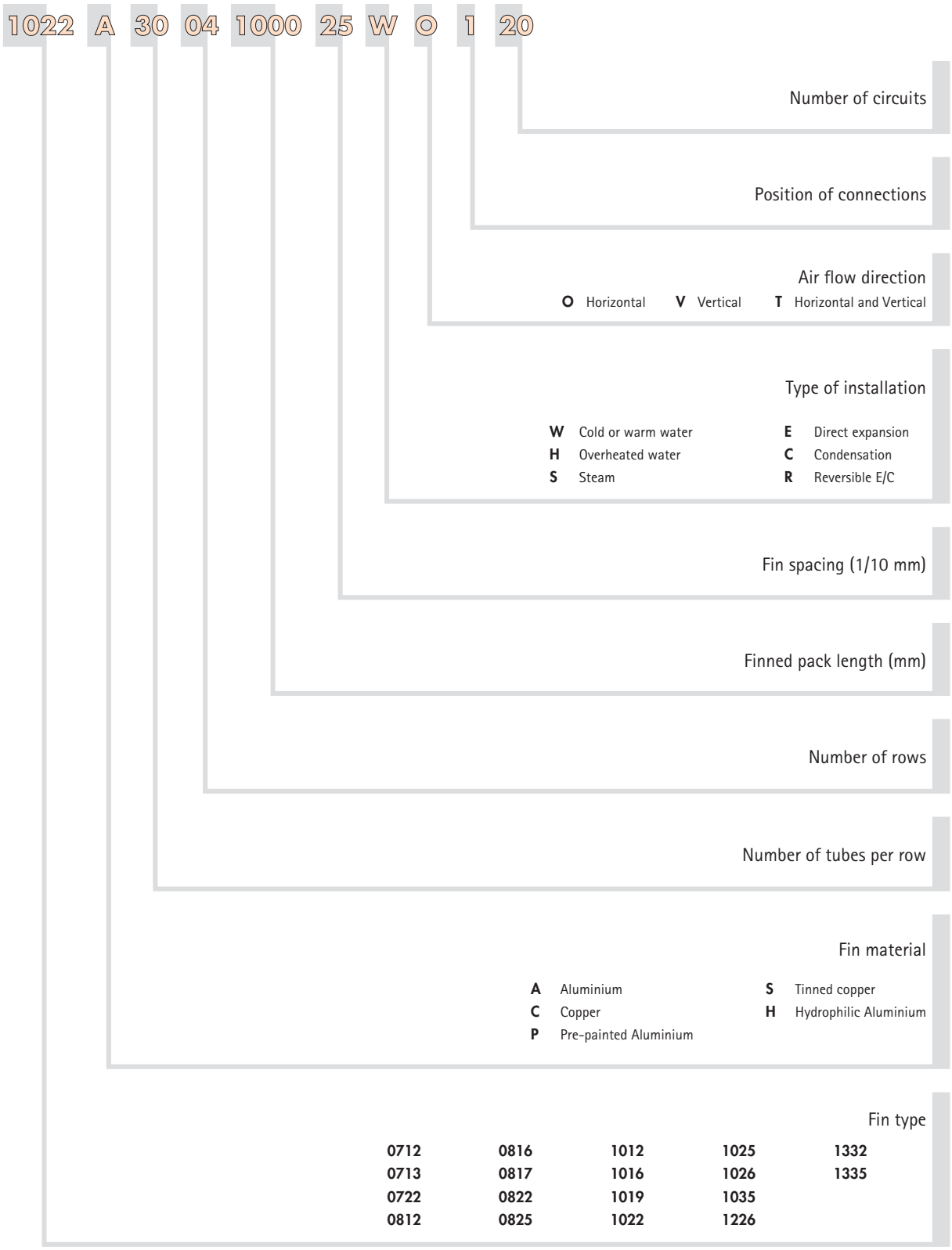
Base terminology



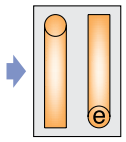
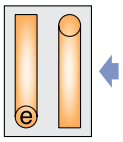
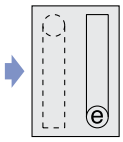
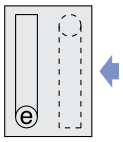
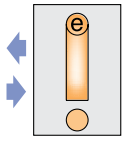
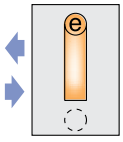
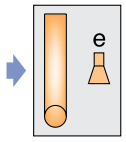
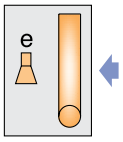
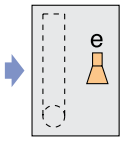
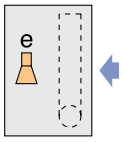
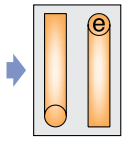
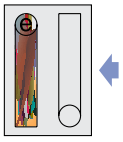
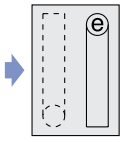
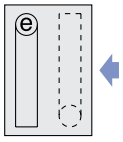
Coil dimensions



eco coil code



Connection scheme

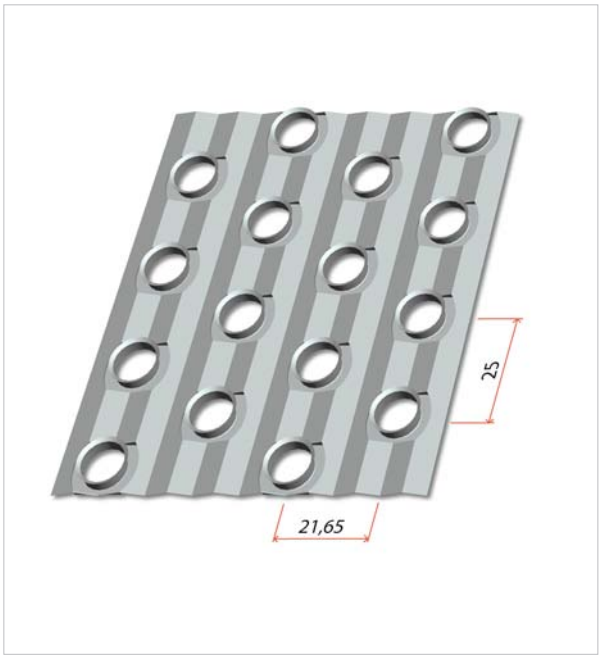
Position of connection	1	2	3	4
Type of installation				
W H				
S				
R E				
C				

e Primary liquid inlet

Air flow direction

1022

Geometry 1022 - Ø 3/8" tube



Special fin profiles

Intake fin

Louvered fin

Waved fin

Waved lanced fin

Technical features

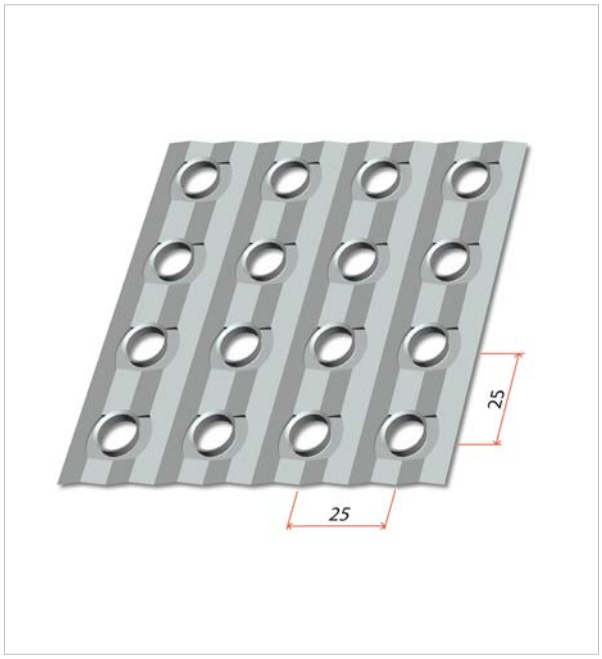
Rated tube diameters:	Ø 3/8"
Tube spacing:	25,0 mm
Row spacing:	21,65 mm
Fin spacing:	From 1,2 to 6,0 mm
Tube configuration:	Staggered
Fin type:	Corrugated - Louvered
Fin material:	Aluminium - Copper
Tube material:	Copper - Aluminium

Main applications

- Air heaters
- Fan coils
- Commercial AC
- Residential AC
- Air handling units
- Automtive AC
- Heavy vehicle AC
- Refrigerated Transport
- Industrial process cooling
- Industrial refrigeration
- Industrial AC
- Commercial refrigeration

1025

Geometry 1025 - Ø 3/8" tube



Special fin profiles

Plain fin

Technical features

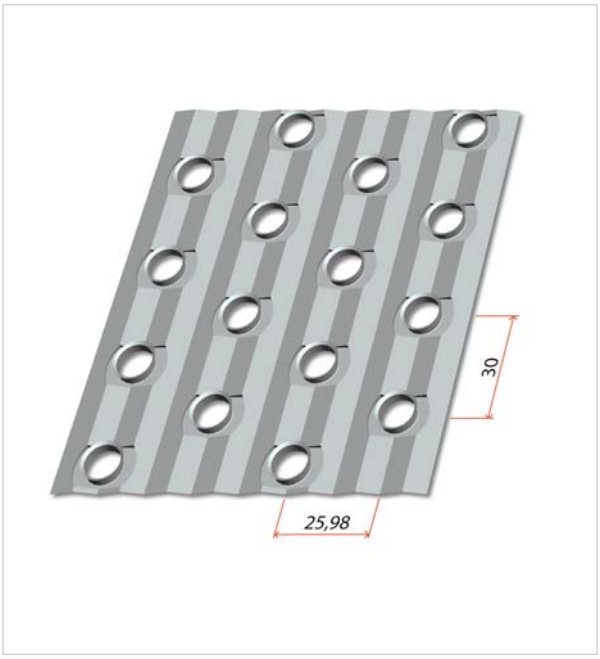
Rated tube diameters:	Ø 3/8"
Tube spacing:	25,0 mm
Row spacing:	25,0 mm
Fin spacing:	From 1,6 to 6,0 mm
Tube configuration:	In line
Fin type:	Corrugated - Plain
Fin material:	Aluminium - Copper
Tube material:	Copper - Aluminium

Main applications

- Air heaters
- Fan coils
- Refrigerated Transport
- Industrial refrigeration
- Industrial AC
- No frost
- Commercial refrigeration
- Display cabinets evaporators

1026

Geometry 1026 - Ø 3/8" tube



Special fin profiles

Pyramidal fin

Technical features

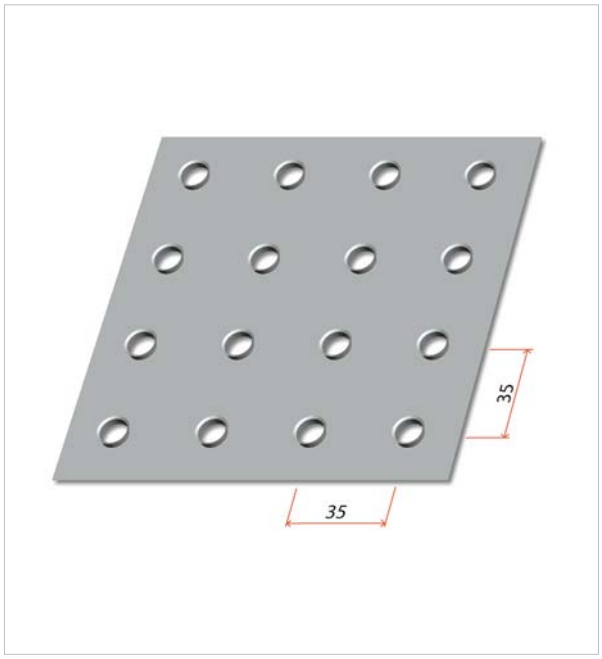
Rated tube diameters:	Ø 3/8"	Fin spacing:	From 1,2 to 3,2 mm	Fin material:	Aluminium
Tube spacing:	30,0 mm	Tube configuration:	Staggered	Tube material:	Copper
Row spacing:	25,98 mm	Fin type:	Corrugated - Pyramidal		

Main applications

Commercial AC

1035

Geometry 1035 - Ø 3/8" tube



Technical features

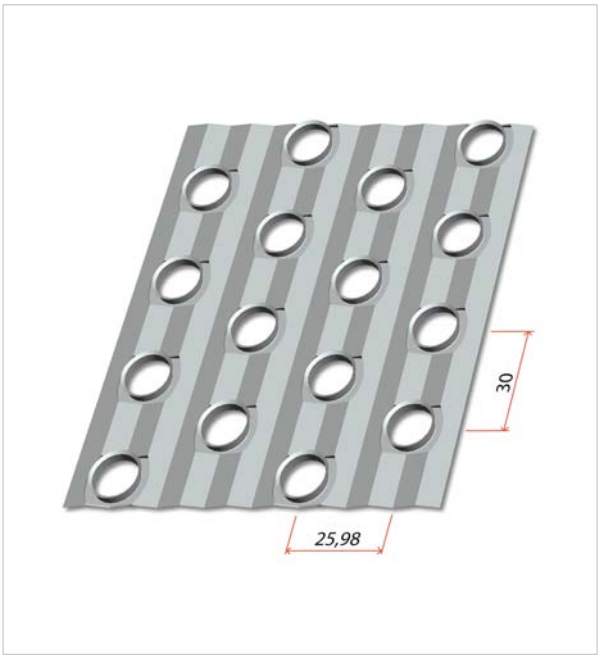
Rated tube diameters:	Ø 3/8"	Fin spacing:	From 3,0 to 12,0 mm	Fin material:	Aluminium
Tube spacing:	35,0 mm	Tube configuration:	In line	Tube material:	Copper
Row spacing:	35,0 mm	Fin type:	Plain		

Main applications

Display cabinets evaporators

1 226

Geometry 1026 - Ø 3/8" tube



Special fin profiles

Pyramidal fin

Technical features

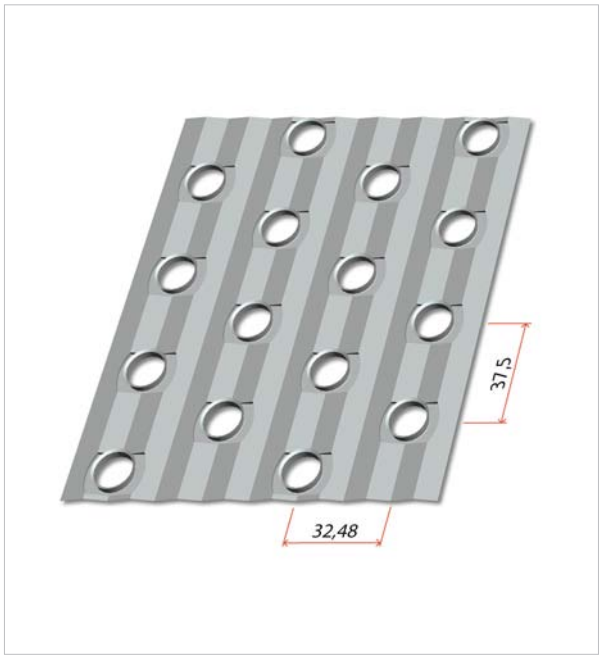
Rated tube diameters:	Ø 12 mm	Fin spacing:	From 1,2 to 3,2 mm	Fin material:	Aluminium
Tube spacing:	30,0 mm	Tube configuration:	Staggered	Tube material:	Copper
Row spacing:	25,98 mm	Fin type:	Corrugated - Pyramidal		

Main applications

- Commercial AC
- Industrial process cooling
- Industrial refrigeration
- Industrial AC

1332

Geometry 1332 - Ø 1/2" tube



Special fin profiles

Intake fin

Technical features

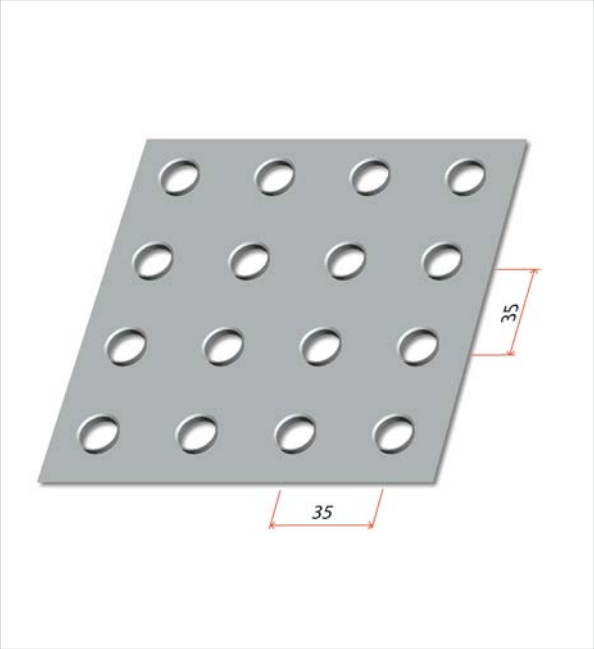
Rated tube diameters:	Ø 1/2"
Tube spacing:	37,5 mm
Row spacing:	32,48 mm
Fin spacing:	From 1,6 to 10,5 mm
Tube configuration:	Staggered
Fin type:	Corrugated - Intake
Fin material:	Aluminium - Copper
Tube material:	Copper

Main applications

- Air heaters
- Commercial AC
- Air handling units
- Industrial process cooling
- Industrial refrigeration
- Industrial AC
- Display cabinets evaporators

1335

Geometry 1335 - Ø 1/2" tube



Technical features

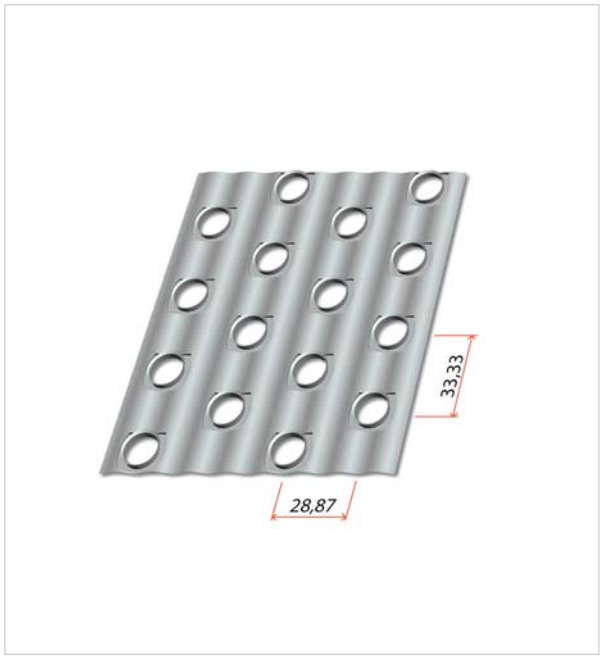
Rated tube diameters:	Ø 1/2"	Fin spacing:	From 3,0 to 12,0 mm	Fin material:	Aluminium
Tube spacing:	35,0 mm	Tube configuration:	In line	Tube material:	Copper
Row spacing:	35,0 mm	Fin type:	Plain		

Main applications

Display cabinets evaporators

33,33x28,87

33,33x28,87 - Ø 1/2" tube



Special fin profiles

Plain fin

Technical features

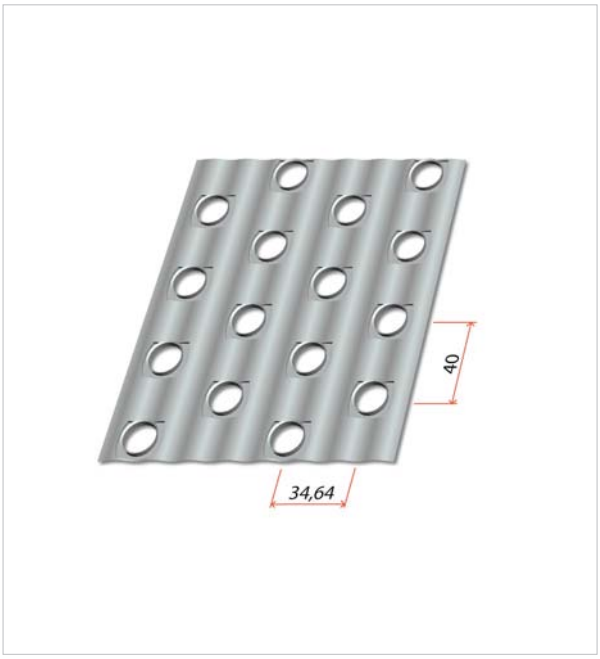
Rated tube diameters:	Ø 1/2"
Tube spacing:	33,33 mm
Row spacing:	28,87 mm
Fin spacing:	From 1,6 to 6,0 mm
Tube configuration:	Staggered
Fin type:	Sine form - Plain
Fin material:	Aluminium - Copper
Tube material:	Copper - Stainless steel

Main applications

- Air heaters
- Air handling units
- Industrial process cooling
- Industrial refrigeration
- Industrial AC

40x34,64

Geometry 40x34,64 - Ø 15mm tube



Special fin profiles

Plain fin

Technical features

Rated tube diameters:	Ø 15 mm	Fin spacing:	From 1,8 to 10,0 mm	Fin material:	Aluminium - Copper
Tube spacing:	40 mm	Tube configuration:	Staggered	Tube mat.:	Copper-Aluminium-Titanium
Row spacing:	34,64 mm	Fin type:	Sine form - Plain		

Main applications

- Air handling units
- Industrial process cooling
- Industrial refrigeration
- Industrial AC

II - edition, August 2009

CCOC0908A02EI

Project
Luvata G&C dpt.

Pictures
Luvata Heat Transfer Solutions Division
Archives

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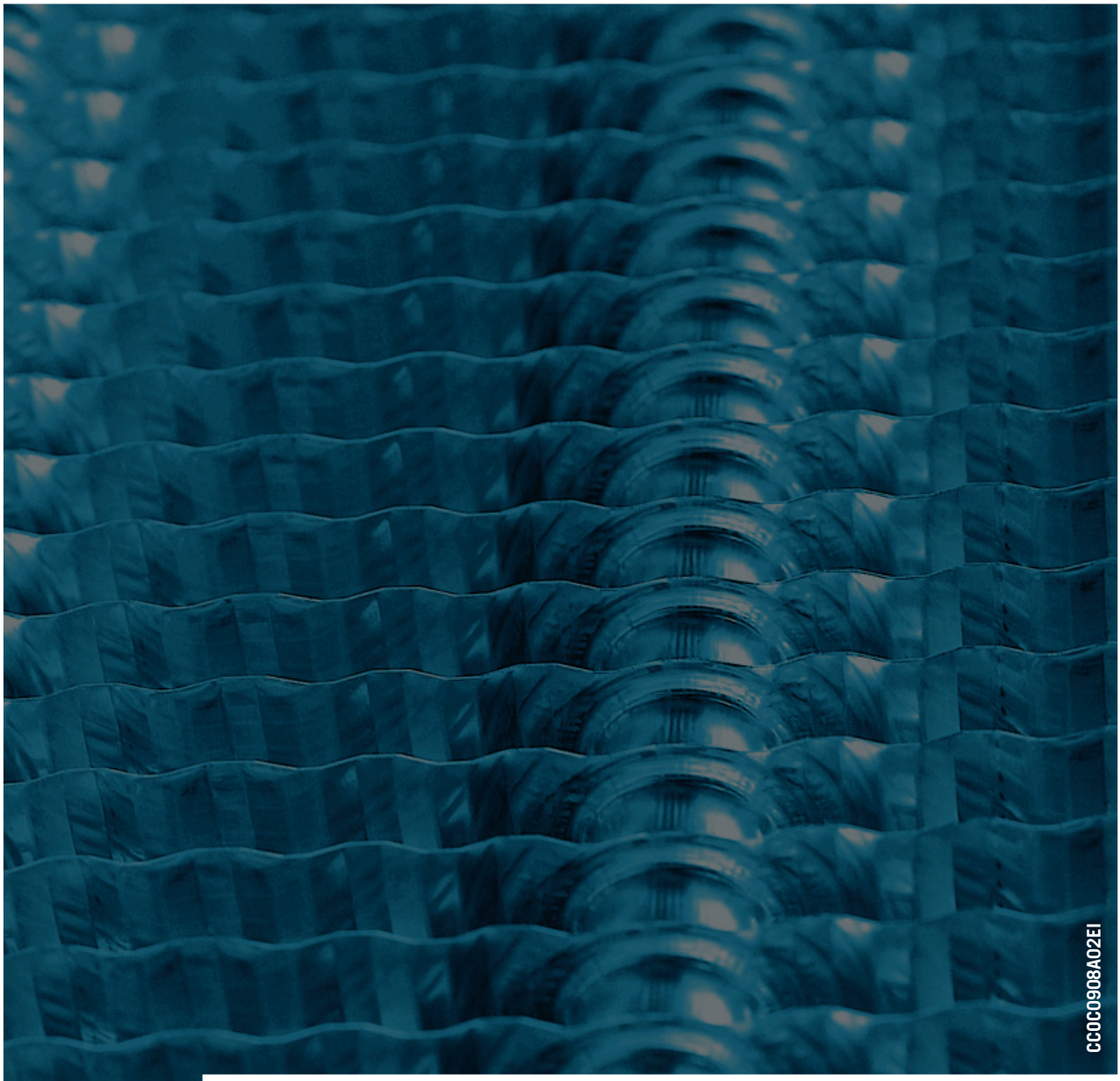

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Heat Transfer Solutions Division

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About Luvata

Luvata is the leading global metals supplier of solutions, services, components and materials for the manufacturing and construction industries. Luvata's solutions are used in industries such as power generation, architecture, automotive, transport, medicine, air-conditioning, industrial refrigeration and consumer products. The company's success can be attributed to its longevity, technological excellence and strategy of building partnerships beyond metals.