



Plate Heat exchangers

Guidelines towards choice and substitution

Updated to 12/2023



**Diagrams and drawings
for compatibility
and substitution**



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This booklet means to offer a guideline towards a choice of product suitable with ones needs and for the substitution of various models of various boiler manufacturers. For prices and sales conditions please see the general sales catalogue or our website:

www.antaesint.com

INDEX

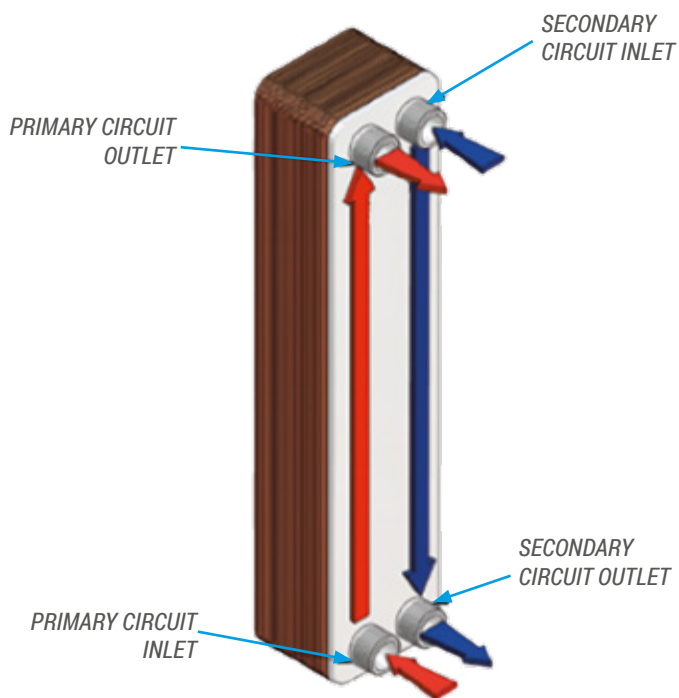
Pag.

| | |
|--|----|
| • Connections and definitions | 3 |
| • Exchangers of standardized dimensions for small flow rates with threaded connections and quick connections | 3 |
| • Dimensional model 190 X 75 | 3 |
| • With threaded connections | 3 |
| • Parallel flows | 4 |
| • Cross-flows | 4 |
| • With fast connections | 4 |
| • Parallel flows | 5 |
| • Cross-flows | 5 |
| • 208 X 75 dimensional model with parallel flows | 5 |
| • With threaded connections | 6 |
| • With fast connections | 7 |
| • Dimensional model 198 X 88 with cross-flows | 7 |
| • With threaded connections | 7 |
| • With fast connections | 8 |
| • Exchangers of standardized dimensions for medium flow rates with threaded connections and quick connections | 8 |
| • Dimensional model 315 X 75 with parallel flows | 8 |
| • With coplanar threaded connections | 8 |
| • With opposing threaded connections | 8 |
| • With coplanar quick couplings | 9 |
| • Exchangers for medium and large flow rates with parallel flows with threaded connections | 9 |
| • Dimensional model 286 X 112 | 9 |
| • Dimensional model 390 X 200 | 10 |
| • Exchangers for customized boiler brands (with specific features) | 11 |
| • ARCA - ROCA* | 11 |
| • ARISTON - MTS* | 11 |
| • ATAG* | 12 |
| • BAXI* | 13 |
| • BAYMAK* | 15 |
| • BERETTA / VOKERA - RIELLO - SYLBER* | 16 |
| • BOSCH - JUNKERS - ELM LEBLANC* | 17 |
| • BULEX* | 19 |
| • CHAFFOTEAUX* | 20 |
| • DE DIETRICH - REMEHA* | 22 |
| • ELCO* | 22 |
| • FERROLI* | 23 |
| • FONDITAL* | 24 |
| • GRANT* | 25 |
| • GRUPPO IMAR* | 25 |
| • HANSA* | 26 |
| • IMMERGAS* | 26 |
| • LAMINOX* | 29 |
| • ROCA - BAXI* | 30 |
| • SAUNIER DUVAL - HERMANN - BULEX* | 30 |
| • SIME* | 31 |
| • TIFELL* | 33 |
| • UNICAL* | 33 |
| • VAILLANT* | 34 |
| • VISSMANN* | 36 |
| • WORCHESTER - BOSCH* | 39 |
| • Reference table with boiler brands for standard models | 40 |
| • Exchangers pre-assembled in modules | 52 |
| • Accessories and related and complementary items for exchangers | 55 |
| • Inspectionable stainless steel plate exchangers | 57 |
| • Calculation of nomenclature and installation examples | 59 |

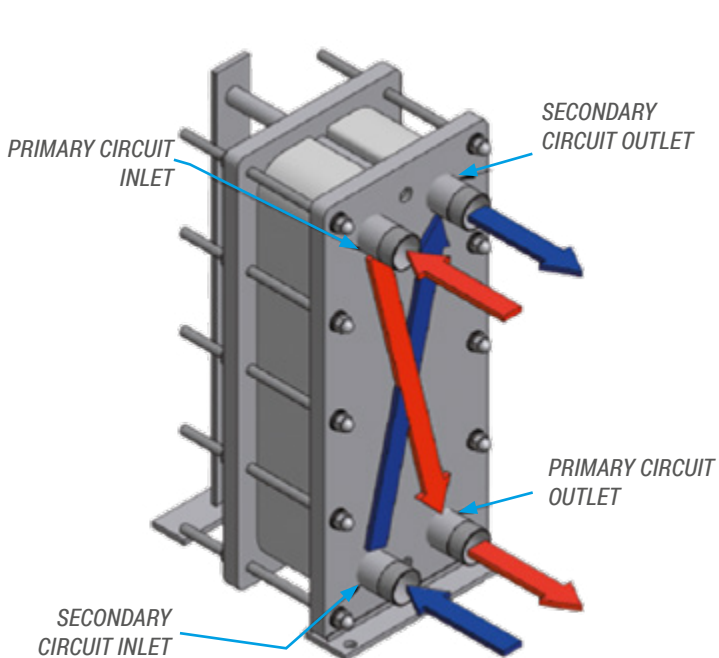
*This brochure is intended as a guide for choosing the product suited to your expectations and for replacing the various ones models from various boiler manufacturers. For prices and conditions of sale visit our website: www.antaesint.com

Connections and definitions

Parallel flows



Crossed flows



Exchangers of standardized dimensions for small flow rates with threaded connections and quick connections

Dimensional model 190 x 75.

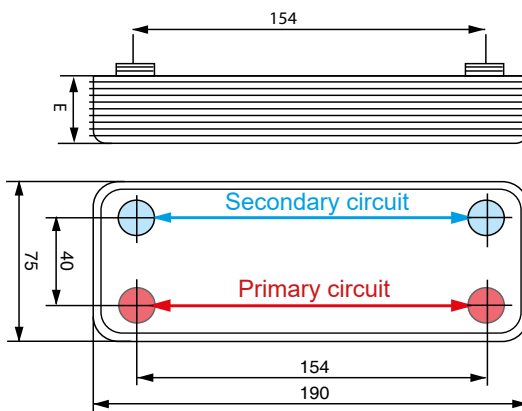
With threaded connections

With parallel flows

Threaded connections



Art. S.002



Art. S.002 - - "AlfaMax" exchanger type SW 190 x 75 instantaneous with plates brazed stainless steel. Threaded connections. Compatible ALFAVAL BP10, SWEP E5N and ZILMET ZB190

- Heating circuit
- Sanitary circuit

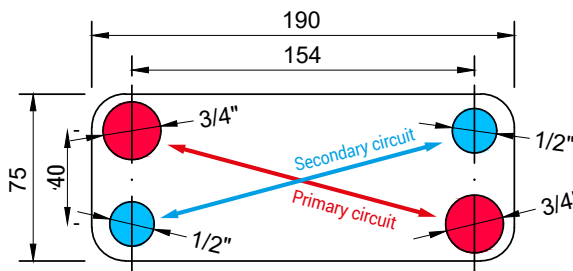
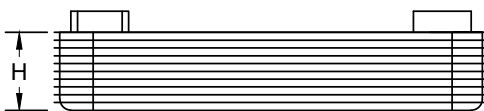
To equip boilers with domestic hot water production. Max pressure: 10 bar. The absorption data shown below are calculated based on the following temperatures: primary circuit 80°C/60°C - secondary circuit 15°C/50°C.

| Order code | N° plates | Threaded connections Ø | | Compatible with boilers | Absorption KW | Head loss | Dimensions mm E |
|------------|-----------|------------------------|--------------------|---|---------------|-----------|-----------------|
| | | ● Heating circuit | ● Sanitary circuit | | | | |
| S.002.54 | 14 | 3/4" M | 1/2" M | FERROLI, CHAFFOTEAUX, FONTECAL, other brands. | 35 | 2,6 | 38,4 |
| S.002.56 | 16 | 3/4" M | 1/2" M | FERROLI, RIELLO/BENEFIT, other brands. | 40 | 2,6 | 42,9 |
| S.002.20 | 20 | 3/4" M | 1/2" M | FERROLI, other brands. | 49 | 2,8 | 51,8 |
| S.002.28 | 28 | 3/4" M | 1/2" M | BERETTA - RIELLO, other brands. | 47 | 2,7 | 69,7 |
| S.002.84 | 14 | 3/4" M | 3/4" M | FERROLI, PENSOTTI, other brands. | 35 | 2,6 | 38,4 |
| S.002.86 | 16 | 3/4" M | 3/4" M | FERROLI, PENSOTTI, other brands. | 40 | 2,6 | 42,9 |
| S.002.80 | 20 | 3/4" M | 3/4" M | FERROLI, PENSOTTI, other brands. | 49 | 2,8 | 51,8 |

Crossed-flows



Art. S.018



Art. S.018 - "AlfaMax" exchanger type SW 190 x 75 instantaneous with plates cross-flow brazed stainless steel e threaded connections. As a replacement for boilers.

- Heating circuit
- Sanitary circuit

| Order code | Number of plates | Compatible for boilers | H |
|------------|------------------|--|------|
| S.018.12 | 12 | Other brands recognisable by dimensions and number of plates | 33,9 |
| S.018.14 | 14 | Other brands recognisable by dimensions and number of plates | 38,4 |
| S.018.16 | 16 | Other brands recognisable by dimensions and number of plates | 42,9 |

*Point G variable from bottom to top

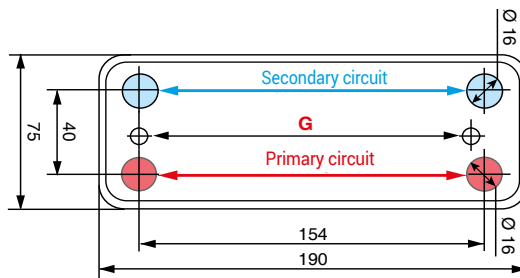
With rapid connections

For parallel flows

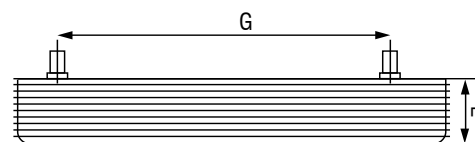
Rapid stud connections



Art. S.003



- Heating circuit
- Sanitary circuit



Art. S.003 - exchanger type SW 190 x 75 instantaneous with plates brazed stainless steel with quick connections a studs. As a replacement for boilers. Compatible ALFALAVAL BP10, SWEP E5N and ZILMET ZB190.

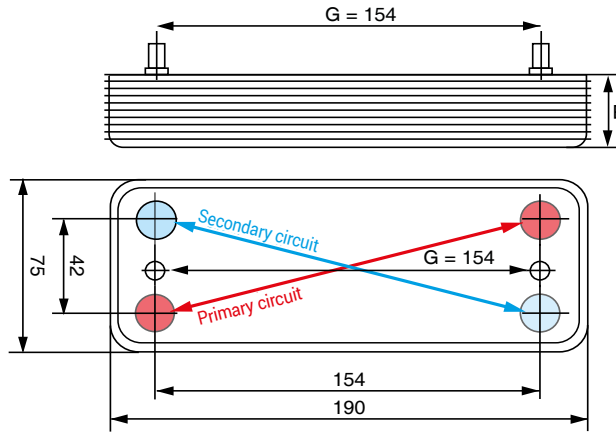
| Order code | N° plates | Compatible with boilers | Dimensions mm | |
|------------|-----------|--|---------------|------------------------------------|
| | | | E | G* |
| S.003.92 | 12 | ARISTON, CHAFFOTEAUX, MTS | 33,9 | 142 |
| S.003.94 | 14 | ARISTON, CHAFFOTEAUX, MTS | 38,4 | 142 |
| S.003.96 | 16 | ARISTON, CHAFFOTEAUX, MTS | 42,9 | 142 |
| S.003.80 | 10 | ARCA, BALTUR, CHAFFOTEAUX/Calydra, RHOSS, SANT'ANDREA, SAVIO, VISSMANN, Other brands recognisable by dimensions and number of plates | 29,4 | 148 |
| S.003.81 | 12 | ARCA, BALTUR, BIASI-SAVIO, CHAFFOTEAUX/Calydra, RHOSS, SANT'ANDREA, SIME, Other brands recognisable by dimensions and number of plates | 33,9 | 148 |
| S.003.84 | 14 | ARCA, BALTUR, BIASI-SAVIO, CHAFFOTEAUX/Calydra, RHOSS, SANT'ANDREA, SIME, VISSMANN, Other brands recognisable by dimensions and number of plates | 38,4 | 148 |
| S.003.86 | 16 | ARCA, BALTUR, BIASI-SAVIO, CHAFFOTEAUX/Calydra, FERROLI, RHOSS, SANT'ANDREA, SIME, Other brands recognisable by dimensions and number of plates | 42,9 | 148 |
| S.003.82 | 20 | FERROLI, VISSMANN, Other brands recognisable by dimensions and number of plates | 51,8 | 148 |
| S.003.76 | 26 | VISSMANN, Other brands recognisable by dimensions and number of plates | 65,2 | 148 |
| S.003.83 | 30 | ARISTON, BIASI | 74,2 | 148 |
| S.003.32 | 12 | IMMERGAS/ICHS | 33,9 | 151 |
| S.003.36 | 16 | IMMERGAS/ICHS | 42,9 | 151 |
| S.003.40 | 10 | IMMERGAS, RADIANT, Other brands recognisable by dimensions and number of plates | 29,4 | 154 (aligned with the connections) |
| S.003.42 | 12 | ARCA, IMMERGAS, JUNKERS, Other brands recognisable by dimensions and number of plates | 33,9 | 154 (aligned with the connections) |
| S.003.44 | 14 | ARCA, IMMERGAS, RADIANT, Other brands recognisable by dimensions and number of plates | 38,4 | 154 (aligned with the connections) |
| S.003.46 | 16 | IMMERGAS, RADIANT, Other brands recognisable by dimensions and number of plates | 42,9 | 154 (aligned with the connections) |
| S.003.41 | 20 | IMMERGAS, RADIANT, Other brands recognisable by dimensions and number of plates | 51,8 | 154 (aligned with the connections) |
| S.003.43 | 22 | IMMERGAS, Other brands recognisable by dimensions and number of plates | 56,3 | 154 (aligned with the connections) |
| S.003.45 | 24 | RADIANT, Other brands recognisable by dimensions and number of plates | 60,8 | 154 (aligned with the connections) |
| S.003.71 | 10 | Other brands. | 29,4 | 160 |
| S.003.74 | 14 | Other brands. | 38,4 | 160 |
| S.003.75 | 16 | Other brands. | 42,9 | 160 |

*Point G variable from bottom to top

For crossed flows



Art. S.015



Art. S.015 - "AlfaMax" exchanger type SW 190 x 75 instantaneous with plates cross-flow brazed stainless steel. Stud connection center distance 154 mm. As a replacement for boilers.

- Heating circuit
- Sanitary circuit

| Order code | Number of plates | Compatible with boilers |
|------------|------------------|---------------------------|
| S.015.12 | 12 | ARCA - STEP, other brands |
| S.015.14 | 14 | ARCA - STEP, other brands |
| S.015.22 | 22 | IMMERGAS, other brands |

*Point G variable from bottom to top

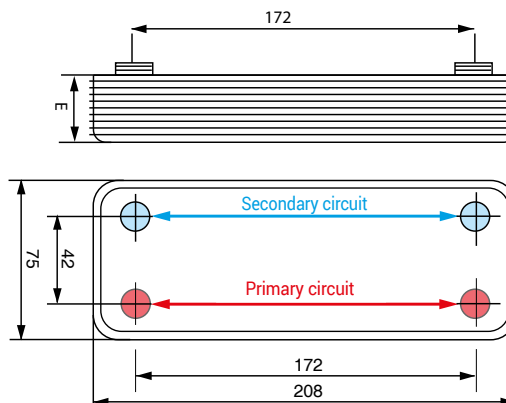
208 x 75 dimensional model with parallel flows

with threaded connections

Threaded connections



Art. S.004



Art. S.004 - "AlfaMax" exchanger type XS 208 X 75 instantaneous with plates brazed stainless steel. Threaded connections, compatible Alfalaval CB14, SWEP and ZILMET.

- Heating circuit
- Sanitary circuit

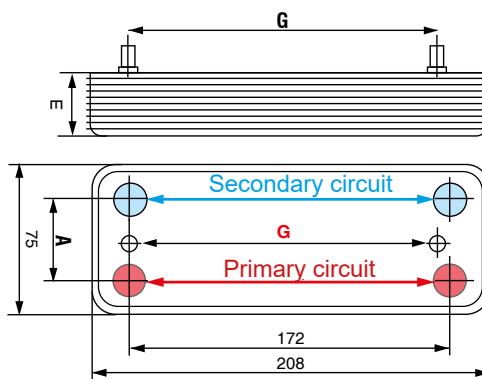
To equip boilers with domestic hot water production. Max. pressure: 10 bar. The absorption data shown below are calculated based on the following temperatures: primary circuit 80°/60°C - secondary circuit: 15°/50°C

| Order code | Number of plates | Compatible for boilers | Connections | | Absorption KW | Head loss | Dimensions mm E |
|------------|------------------|--|-------------------|--------------------|---------------|-----------|-----------------|
| | | | ● Heating circuit | ○ Sanitary circuit | | | |
| S.004.52 | 12 | VAILLANT VCW + KIT fittings, VAILLANT VMW + KIT, CHAFFOTEUX + KIT fittings, PENSOTTI, SARIGAS other brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 30 | 2,5 | 33,9 |
| S.004.74 | 14 | VAILLANT VCW + KIT fittings, UNICAL, PENSOTTI, SARIGAS other brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 35 | 2,6 | 38,4 |
| S.004.76 | 16 | ECOFLAM, ATAG other brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 40 | 2,6 | 42,9 |
| S.004.68 | 18 | Brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 45 | 2,6 | 47,3 |
| S.004.70 | 20 | BROTJE, RAVENHEAT, other brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 50 | 2,7 | 51,8 |
| S.004.80 | 30 | FERROLI, LAMINOX, other brands recognisable by dimensions and number of plates | 3/4" M. | 1/2" M. | 75 | 2,7 | 74,2 |
| S.004.83 | 30 | For the separation or splitting of circuits and other uses. | 3/4" M. | 3/4" M. | 75 | 2,7 | 74,2 |
| S.004.99 | 40 | For the separation or splitting of circuits and other uses. | 3/4" M. | 3/4" M. | 100 | 2,8 | 96,6 |

With fast connections



Art. S.005



Art. S.005 -"AlfaMax" exchanger type XS 208 x 75 with plates brazed stainless steel with rapid attacks on studs. As replacement for boilers. Compatible ALFALAVAL CB14, SWEP and ZILMET.

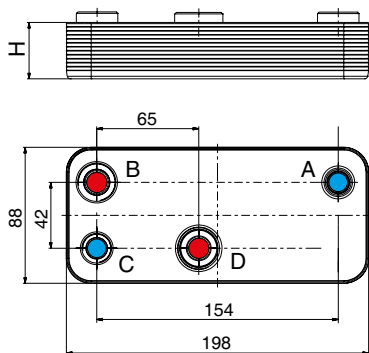
- Heating circuit
- Sanitary circuit

| Order code | Number of plates | Compatible for boilers | Dimensions mm | | | Ø Exit holes | |
|------------|------------------|---|---------------|----|------|--------------|--------------|
| | | | G* | A | E | Primary C. | Secondary C. |
| S.005.22 | 12 | Other brands recognisable by dimensions and number of plates | 156,5 | 40 | 33,4 | 14 | 14 |
| S.005.24 | 14 | Other brands recognisable by dimensions and number of plates | 156,5 | 40 | 37,9 | 14 | 14 |
| S.005.28 | 18 | Other brands recognisable by dimensions and number of plates | 156,5 | 40 | 47,1 | 14 | 14 |
| S.005.32 | 12 | Other brands recognisable by dimensions and number of plates | 166 | 40 | 33,4 | 16 | 16 |
| S.005.34 | 14 | Other brands recognisable by dimensions and number of plates | 166 | 40 | 37,9 | 16 | 16 |
| S.005.83 | 10 | ARGO, BAXI/LUNA, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 33,4 | 14 | 14 |
| S.005.82 | 12 | ARGO, BAXI/LUNA, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 33,4 | 14 | 14 |
| S.005.72 | 12 | BAYMAK, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 37,9 | 18 | 16 |
| S.005.84 | 14 | ARGO, BAXI/LUNA, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 47 | 14 | 14 |
| S.005.74 | 14 | ARGO, BAXI/LUNA, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 51,5 | 18 | 16 |
| S.005.88 | 18 | ARGO, BAXI/LUNA, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 47 | 14 | 14 |
| S.005.81 | 20 | BAXI, other brands recognisable by dimensions and number of plates | 156,5 | 42 | 51,5 | 14 | 14 |
| S.005.60 | 10 | DEMIR DOKUM, other brands recognisable by dimensions and number of plates | 166 | 42 | 29,4 | 18 | 16 |
| S.005.62 | 12 | MTS/ARISTON, DEMIR DOKUM, SIMAT, ECOFLAM, IDEALCLIMA, RHOSS, other brands recognisable by dimensions and number of plates | 166 | 42 | 33,4 | 18 | 16 |
| S.005.64 | 14 | MTS/ARISTON, DEMIR DOKUM, SIMAT, ECOFLAM, IDEALCLIMA, RHOSS, FONDITAL | 166 | 42 | 37,9 | 18 | 16 |
| S.005.66 | 16 | MTS/ARISTON, SIMAT, ECOFLAM, IDEALCLIMA, RHOSS, FONDITAL | 166 | 42 | 42,9 | 18 | 16 |
| S.005.68 | 18 | Other brands recognisable by dimensions and number of plates | 166 | 42 | 47,1 | 18 | 16 |
| S.005.02 | 20 | Other brands recognisable by dimensions and number of plates | 166 | 42 | 51,5 | 18 | 16 |
| S.005.40 | 10 | BAXI, other brands recognisable by dimensions and number of plates | 166 | 42 | 29,4 | 14 | 14 |
| S.005.42 | 12 | BAXI, other brands recognisable by dimensions and number of plates | 166 | 42 | 33,4 | 14 | 14 |
| S.005.44 | 14 | BAXI, other brands recognisable by dimensions and number of plates | 166 | 42 | 37,9 | 14 | 14 |
| S.005.45 | 20 | BAXI, other brands recognisable by dimensions and number of plates | 166 | 42 | 51,5 | 14 | 14 |
| S.005.55 | 14 | IDROGAS OTMA | 172 | 42 | 37,9 | 16 | 16 |
| S.005.70 | 12 | BAXI/OCEAN (Luna), CHAFFOTEAUX (Nectra), DEVILLE, BAXI, Other brands recognisable by dimensions and number of plates | 178 | 42 | 33,4 | 18 | 16 |
| S.005.76 | 16 | BAXI/OCEAN (Luna), CHAFFOTEAUX (Nectra), DEVILLE, Other brands recognisable by dimensions and number of plates | 178 | 42 | 42,9 | 18 | 16 |
| S.005.18 | 16 | HANSA-INOX-TANTUM | 182 special | 40 | 42,9 | 16 | 16 |

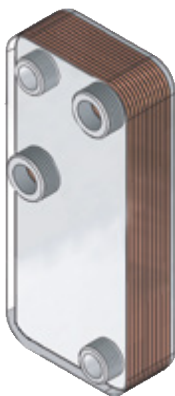
*Point G variable from bottom to top

198 x 88 dimensional cross-flow model

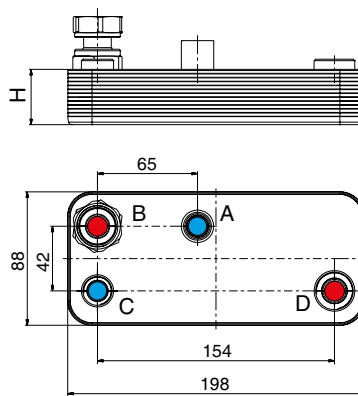
With threaded connections



Drawing n.0



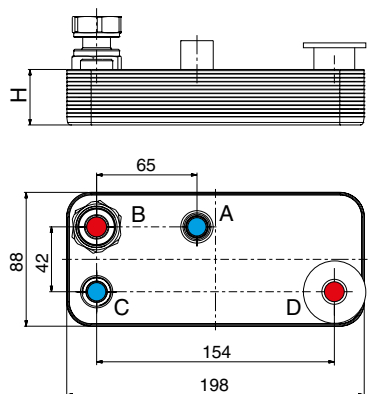
Art. S.006.0-



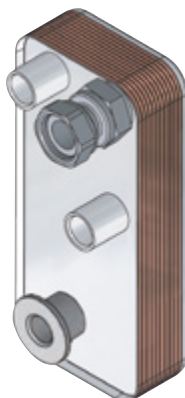
Drawing n.1



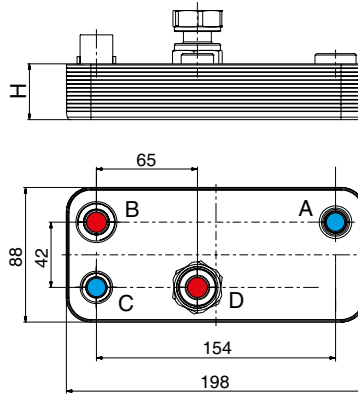
Art. S.006.1-



Drawing n.2



Art. S.006.2-



Drawing n.3



Art. S.006.3-

Art. S.006 - "ALFAMAX" stainless steel brazed plate exchanger for spare parts on boilers

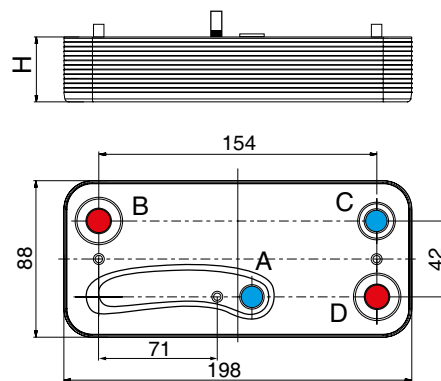
● Heating circuit ○ Sanitary circuit

| Drawing | Compatible for boilers | Connections | | | | Order code | Number of plates | Dimensions H |
|---------|---|-------------|----------------|-----------|------------------|------------|------------------|--------------|
| | | A | B | C | D | | | |
| 0 | GIANNONI PCW-H - ZILMET ZB195 - IMMERGAS | 1/2" M. | 3/4" M. | 1/2" M. | 3/4" M. | S.006.03 | 13 | 36,2 |
| | | | | | | S.006.05 | 15 | 40,6 |
| | | | | | | S.006.07 | 17 | 45,1 |
| | | | | | | S.006.09 | 35 | 91,7 |
| 1 | GIANNONI PCW-H - ZILMET ZB195 - SIME - HERMANN - OTHERS | Ø int. 16 | 3/4" F. Swivel | 1/2" M. | 3/4" M. | S.006.12 | 12 | 36,3 |
| | | | | | | S.006.14 | 14 | 42,7 |
| | | | | | | S.006.16 | 16 | 45,5 |
| | | | | | | S.006.22 | 12 | 36,3 |
| 2 | JUNKERS - BOSCH tipo NOVASTAR rif. 06-4950 - GIANNONI - ZILMET ZB195 | Ø int. 16 | 3/4" F. Swivel | Ø int. 16 | Flange Ø ext. 41 | S.006.24 | 14 | 42,7 |
| | | | | | | S.006.26 | 16 | 45,5 |
| | | | | | | S.006.33 | 13 | 36,2 |
| | | | | | | S.006.35 | 15 | 40,6 |
| 3 | GIANNONI PCW-V - ZILMET ZB195 - LAMBORGHINI - BROTJE - ECOFLAM - RAVENHEAT - SILE - THERMOVANA - INOVA - IMMERGAS/MINI - OTHERS | 1/2" M. | 3/4" M. | Ø int. 16 | 3/4" F. Swivel | S.006.37 | 17 | 45,1 |

With fast connections



Art. S.007.5-



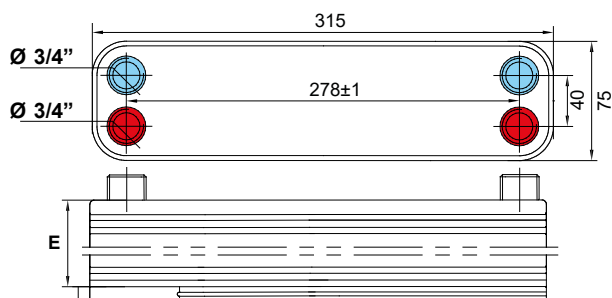
Drawing n.5

Art. S.007 - "ALFAMAX" stainless steel brazed plate exchanger for spare parts on boilers. Quick coupling model with O-ring.

| Drawing | Compatible for boilers | Connections | | | | Order code | Number of plates | Dimension H |
|---------|---|-------------|-----------|-----------|-----------|------------|------------------|-------------|
| | | A | B | C | D | | | |
| 5 | GIANNONI PCE-H - ZILMET - SIME - Others | Ø ext. 13 | Ø ext. 16 | Ø ext. 13 | Ø ext. 16 | S.007.52 | 12 | 33,3 |
| | | | | | | S.007.54 | 14 | 37,9 |
| | | | | | | S.007.56 | 16 | 42,5 |

315 x 75 dimensional model with parallel flows

With coplanar threaded connections



Art. S.008

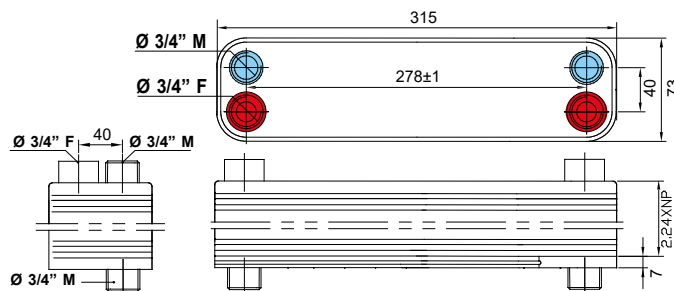
Art. S.008 - "AlfaMax" instantaneous heat exchanger with brazed AISI 304 stainless steel plates with large flow rates and parallel flows. M connections

- Exchange surface for each plate: 0.023 m² x number of plates - 2.
- Water content per channel: 0.04 lt. x number of plates - 1 - Max. pressure 30 bars.

Model with coplanar fittings: 2 x 3/4" M + 2 x 3/4" M

| Order code | Number of plates | Surface thermal exchange m ² | Heat Load KW | "E" | Primary (Water 80/70°C) | | Secondary (Water 60/70°C) | |
|------------|------------------|---|--------------|-------|-----------------------------|------------------------------|-----------------------------|------------------------------|
| | | | | | Flow rate m ³ /h | Head loss H ₂ O m | Flow rate m ³ /h | Head loss H ₂ O m |
| S.008.12 | 12 | 0,23 | 10 | 26,88 | 0,90 | 2,6 | 0,89 | 2,6 |
| S.008.16 | 16 | 0,32 | 15 | 35,84 | 1,33 | 2,7 | 1,32 | 2,7 |
| S.008.20 | 20 | 0,41 | 19 | 44,80 | 1,70 | 2,8 | 1,68 | 2,8 |
| S.008.24 | 24 | 0,50 | 24 | 53,76 | 2,14 | 2,8 | 2,12 | 2,8 |
| S.008.32 | 32 | 0,64 | 32 | 76,16 | 2,90 | 2,7 | 2,88 | 2,7 |

With opposing threaded connections



Art. S.008

Art. S.008 - "AlfaMax" instantaneous heat exchanger with brazed AISI 304 stainless steel plates with large flow rates and parallel flows. M connections

- Exchange surface for each plate: 0.023 m² x number of plates - 2.
- Water content per channel: 0.04 lt. x number of plates - 1 - Max. pressure 30 bars.

Model with opposing fittings: on one side: 2 x 3/4" M, on the other side: 2 x 3/4" M + 2 x 3/4" F

| Order code | Number of plates | Surface thermal exchange m ² | heat load KW | "E" | Primary (Water 80/70°C) | | Secondary (Water 60/70°C) | |
|------------|------------------|---|--------------|-------|-----------------------------|------------------------------|-----------------------------|------------------------------|
| | | | | | Flow rate m ³ /h | Head loss H ₂ O m | Flow rate m ³ /h | Head loss H ₂ O m |
| S.008.64 | 24 | 0,50 | 24 | 53,76 | 2,14 | 2,8 | 2,12 | 2,8 |
| S.008.72 | 32 | 0,64 | 32 | 76,16 | 2,90 | 2,7 | 2,88 | 2,7 |
| S.008.80 | 40 | 0,87 | 40 | 89,60 | 3,56 | 2,9 | 3,53 | 2,8 |

Especially indicated for:

- Hot sanitary water production
- Decoupling between closed circuit and open circuit (solid fuels with open circuit gas and gasoil with closed circuit)
- Decoupling on old dirty circuits with the substitution of a new boiler.

Important: the data is explanatory, the value KW is in relation with Δt (difference between the incoming temp. and outgoing temp. of the secondary circuit). The value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

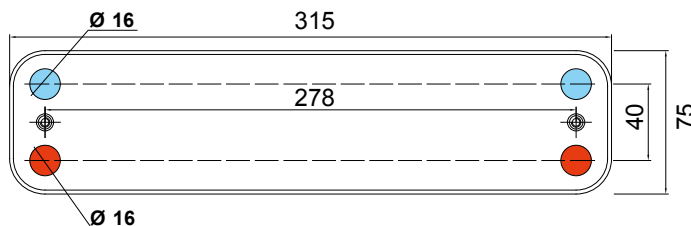
With coplanar fast couplings

Dimensional Model 315x75



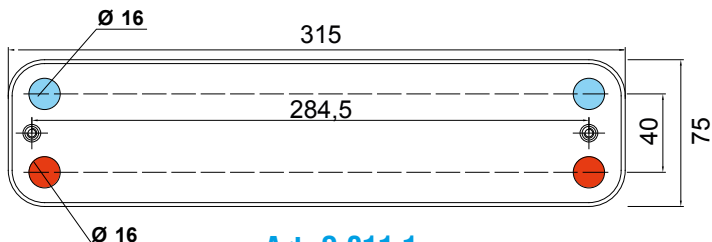
Art. S.011.--

Drawing stud "A" (SIME)



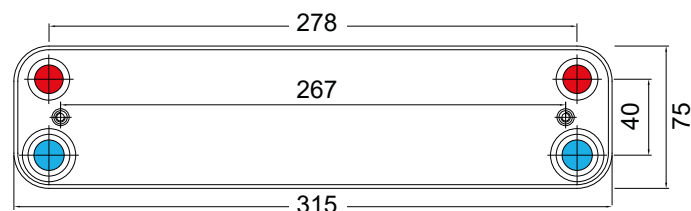
Art. S.011.0-

Drawing stud "B" (SIME - IMAR)



Art. S.011.1-

Drawing stud "C" (ATAG)

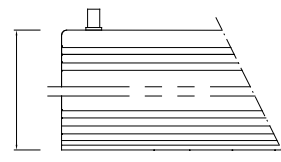


Art. S.011.3-

Art. S.011 - Instantaneous exchanger "AlfaMax" type XS 315 x 75 with brazed stainless steel plates with connections quick to studs. As a replacement for boilers. Compatible with ALFALAVAL, ZILMET and SWEP.

| Order code | Drawing of connection position | Number of plates | Thickness "E" mm. | Compatible |
|------------|--------------------------------|------------------|-------------------|--|
| S.011.02 | A | 12 | 33,9 | SIME other brands |
| S.011.04 | A | 14 | 38,9 | JUNKERS - BOSCH - WORCESTER ref. 87161066850 |
| S.011.06 | A | 16 | 42,9 | SIME other brands |
| S.011.12 | B | 12 | 33,9 | IMAR - SIME other brands |
| S.011.16 | B | 16 | 42,9 | IMAR - SIME other brands |
| S.011.32 | C | 12 | 33,9 | ATAG other brands |
| S.011.38 | C | 18 | 48,24 | ATAG other brands |

Thickness "E"



01227 458684

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Parallel flow exchangers for medium and large flow rates with threaded connections

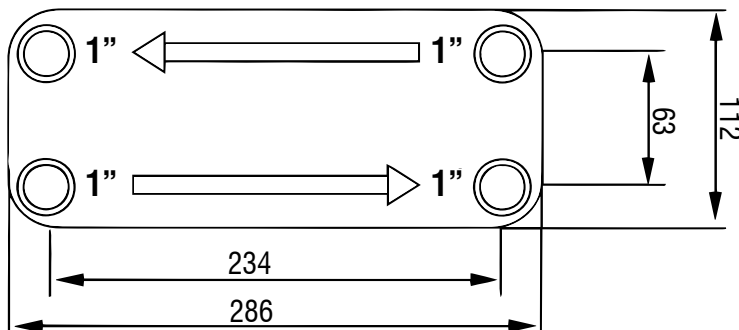
Dimensional model 286 x 112



Art. S.009

ESPECIALLY INDICATED FOR:

Circuit separation, combination in open circuits (solid fuels) with closed circuits (gas / gasoil).



Art. S.009 - "AlfaMax" instantaneous exchanger with brazed AISI 304 stainless steel plates with large flow rates and parallel flows. 1" M connections.

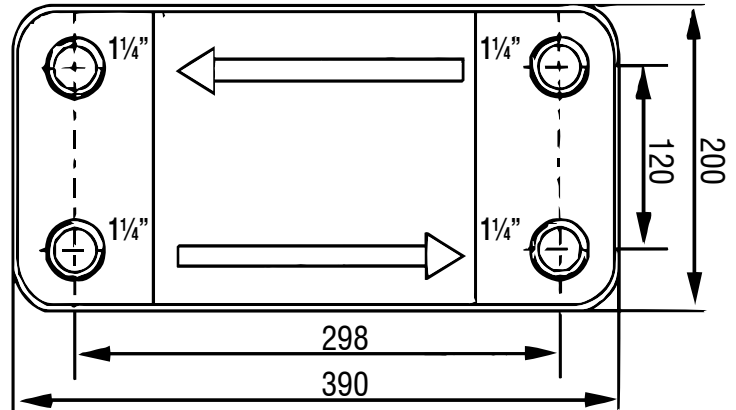
- Exchange surface for each plate: 0.027 m² x number of plates - 2
- Water content per channel: 0.05 lt x number of plates - 1.- Max. pressure. 30 bars.

| Order code | Number of plates | Surface thermal exchange m ² | Heat Load KW | Primary (Water 80/70°C) | | Secondary (Water 60/70°C) | |
|------------|------------------|---|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|
| | | | | Flow rate m ³ /h | Head loss m H ₂ O | Flow rate m ³ /h | Head loss m H ₂ O |
| S.009.20 | 20 | 0,49 | 25 | 2,00 | 2,3 | 2,00 | 1,9 |
| S.009.30 | 30 | 0,76 | 35 | 3,20 | 2,6 | 3,20 | 2,3 |
| S.009.40 | 40 | 1,03 | 45 | 4,30 | 2,7 | 4,30 | 2,5 |

Important: the data is explanatory, the value KW is in relation with Δt (difference between the incoming temp. and outgoing temp. of the secondary circuit). The value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

Dimensional model 390 x 200

ESPECIALLY INDICATED FOR: Green fuel systems - AISI 304
Heating pools - AISI 316



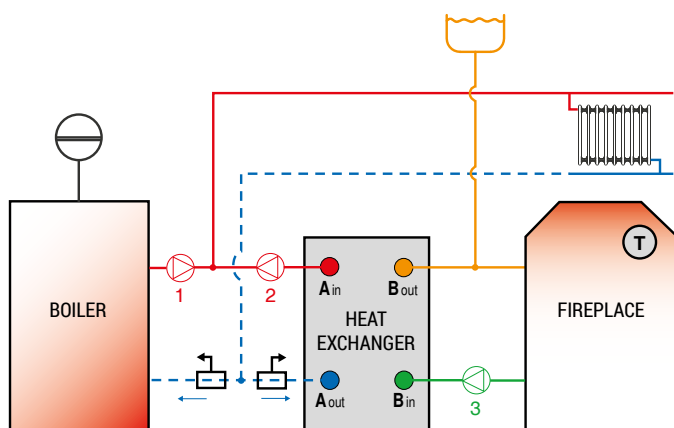
Art. S.010

Art. S.010 - "AlfaMax" instantaneous exchanger with brazed stainless steel plates with large flow rates and parallel flows. Connections 1 1/4" M.

- Exchange surface for each plate: 0.063 m² x number of plates - 2
- Water content per channel: 0.15 lt x number of plates - 1. - Max. pressure. 30 bars.
- Specially suitable for combining open circuits (solid fuel boilers) with closed circuits (AISI 304 steel model) and for swimming pool heating (model in AISI 316 steel).

| Order code | Stainless steel type | Connection Ø | Number of plates | Surface thermal exchange m ² | Heat Load KW | Primary (Water 70/60°C) | | Secondary (Water 55/65°C) | |
|------------|----------------------|--------------|------------------|---|--------------|-----------------------------|------------------------------|-----------------------------|------------------------------|
| | | | | | | Flow rate m ³ /h | Head loss m H ₂ O | Flow rate m ³ /h | Head loss m H ₂ O |
| S.010.34 | AISI 304 | 1 1/4"M. | 30 | 1.764 | 30 | 2.6 | 0.4 | 2.6 | 0.4 |
| S.010.36 | AISI 316 | 1 1/4"M. | 30 | 1.764 | 30 | 2.6 | 0.4 | 2.6 | 0.4 |
| S.010.44 | AISI 304 | 1 1/4"M. | 40 | 2.394 | 40 | 3.5 | 0.2 | 3.5 | 0.2 |
| S.010.46 | AISI 316 | 1 1/4"M. | 40 | 2.394 | 40 | 3.5 | 0.2 | 3.5 | 0.2 |
| S.010.54 | AISI 304 | 1 1/4"M. | 50 | 3.024 | 50 | 4.3 | 0.2 | 4.3 | 0.2 |
| S.010.56 | AISI 316 | 1 1/4"M. | 50 | 3.024 | 50 | 4.3 | 0.2 | 4.3 | 0.2 |
| S.010.64 | AISI 304 | 1 1/4"M. | 60 | 3.654 | 60 | 5.2 | 0.2 | 5.2 | 0.2 |
| S.010.66 | AISI 316 | 1 1/4"M. | 60 | 3.654 | 60 | 5.2 | 0.2 | 5.2 | 0.2 |
| S.010.86 | AISI 316 | 1 1/4"M. | 80 | 4.284 | 80 | 7 | 0.2 | 7 | 0.2 |

SCHEME FOR DECOUPLING CLOSED CIRCUIT WITH OPEN CIRCUIT



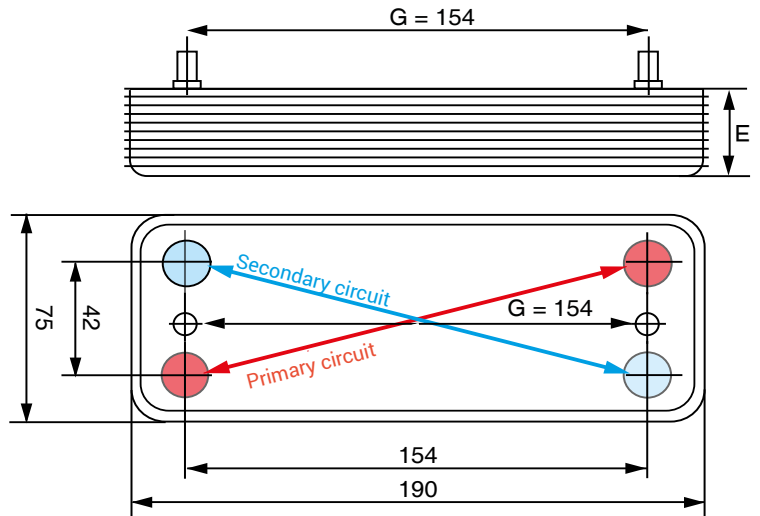
- Closed expansion vessel
- Open expansion vessel (solid fuels)
- Circulation pump
- One-way valve
- Anti-condensation thermostat at 50°C

FOR EXAMPLES OF CALCULATIONS: for any further help contact our office.

Note: the thermostat can switch on pump 2 and 3 and exclude the boiler and pump 1.

ARCA - ROCA

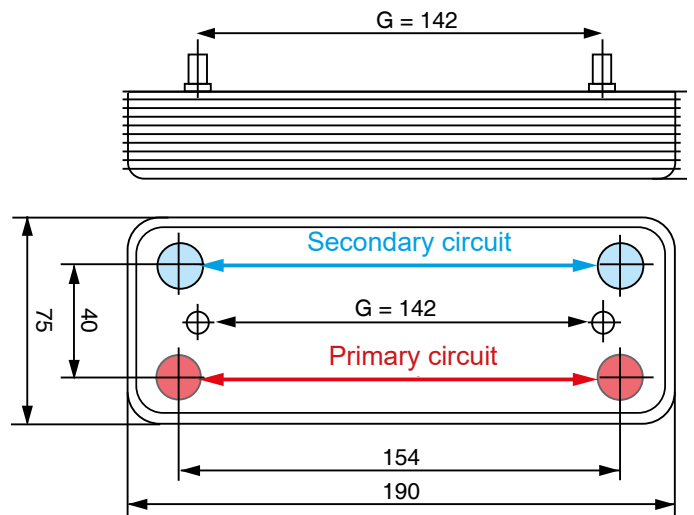
Cross-flow



Art. S.015.--

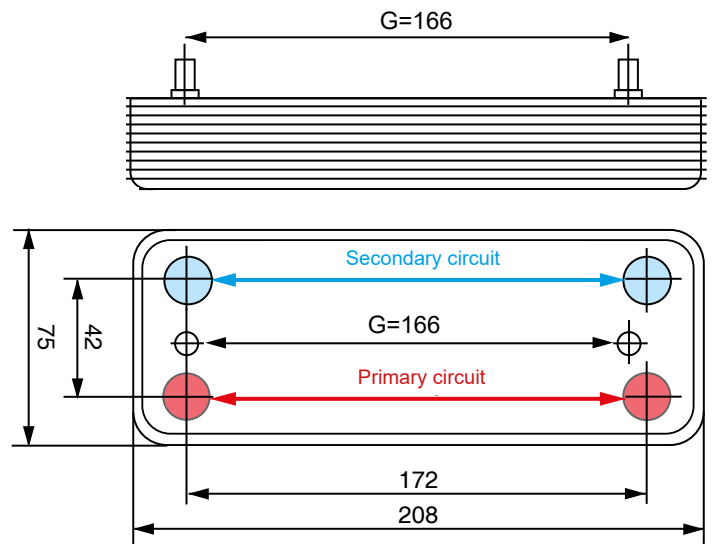
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.015.12 | 42 - 154 | 16 - 14 | 154 |
| 190 x 75 | Rapid connection | 14 | S.015.14 | 42 - 154 | 16 - 14 | 154 |
| 190 x 75 | Rapid connection | 22 | S.015.22 | 42 - 154 | 16 - 14 | 154 |

ARISTON/MTS



Art. S.003.9-

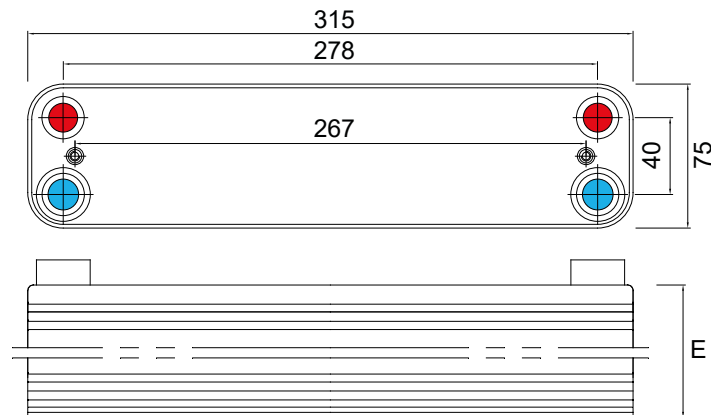
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.003.92 | 40 - 154 | 16 - 16 | 142 |
| 190 x 75 | Rapid connection | 14 | S.003.94 | 40 - 154 | 16 - 16 | 142 |
| 190 x 75 | Rapid connection | 16 | S.003.96 | 40 - 154 | 16 - 16 | 142 |



Art. S.005.6-

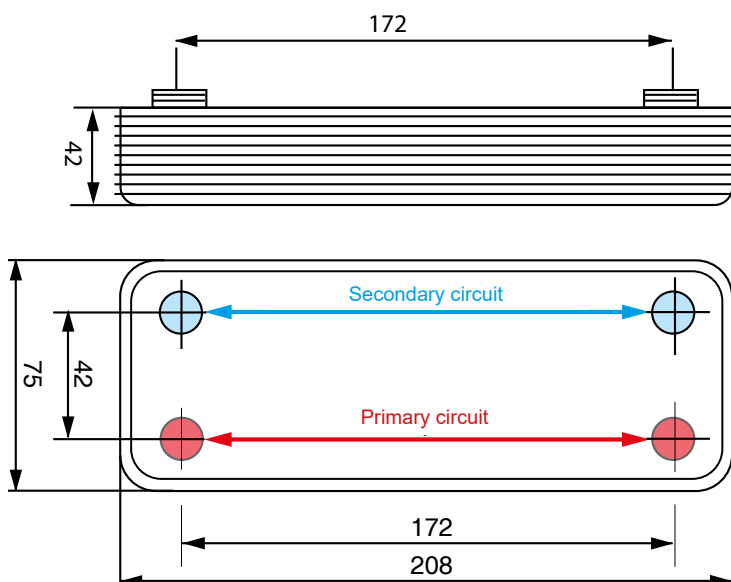
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 |

ATAG



Art. S.011.3-

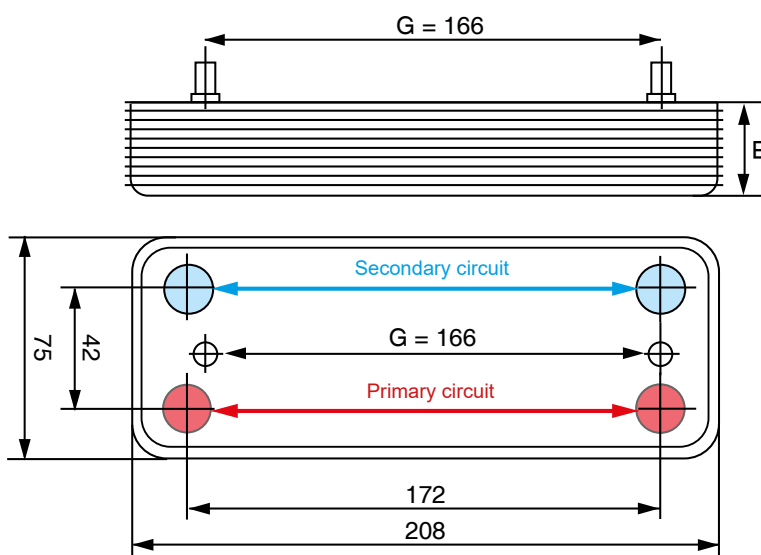
| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|----------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 315 x 75 | Rapid connection | 12 | S.011.32 | S4462400 | 40 - 278 | 15 - 22 | 266 |
| 315 x 75 | Rapid connection | 18 | S.011.38 | | 40 - 278 | 15 - 22 | 266 |



Art. S.004.76

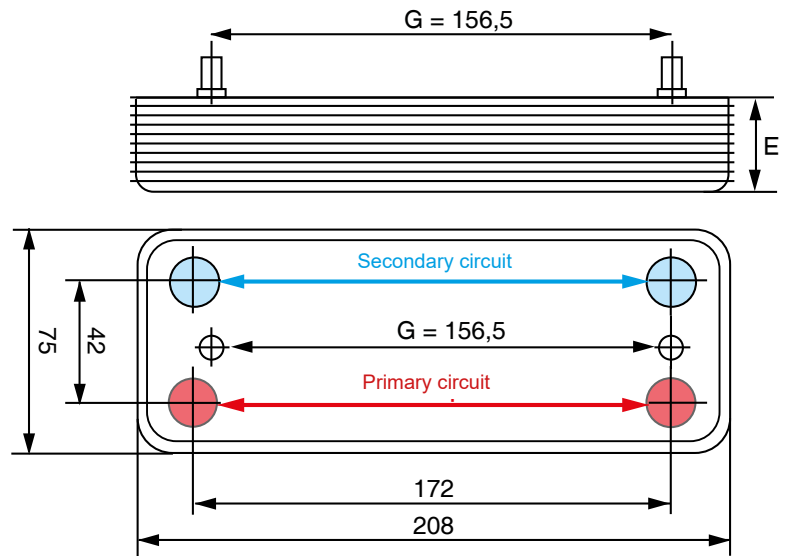
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|-------------|
| | | | | Center distance | Hole Ø |
| 208 x 75 | Threaded | 16 | S.004.76 | 42 - 172 | 3/4" - 1/2" |

BAXI



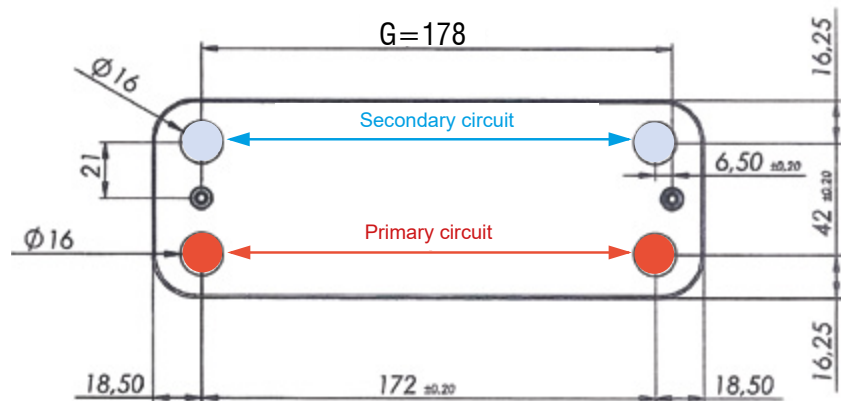
Art. S.005.4-

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 10 | S.005.40 | 42 - 172 | 14 - 14 | 166 |
| 208 x 75 | Rapid connection | 12 | S.005.42 | 42 - 172 | 14 - 14 | 166 |
| 208 x 75 | Rapid connection | 14 | S.005.44 | 42 - 172 | 14 - 14 | 166 |
| 208 x 75 | Rapid connection | 20 | S.005.45 | 42 - 172 | 14 - 14 | 166 |



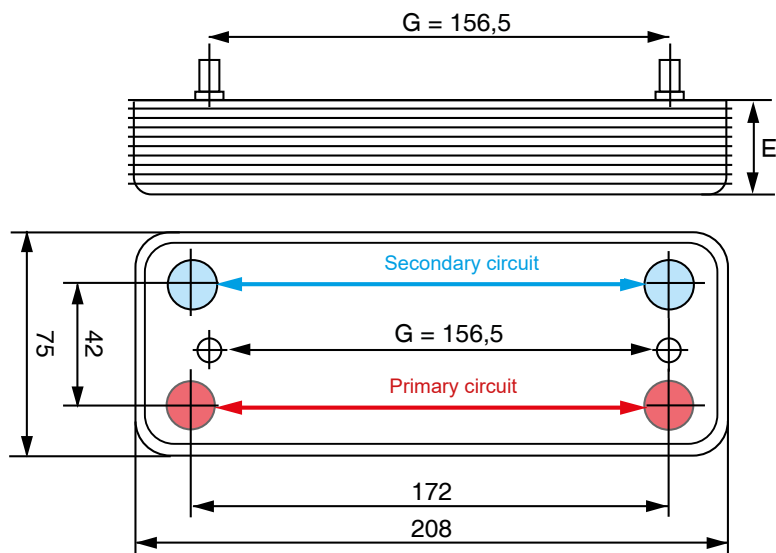
Art. S.005.8-

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 10 | S.005.83 | 42 - 172 | 14 - 14 | 156,5 |
| 208 x 75 | Rapid connection | 12 | S.005.82 | 42 - 172 | 14 - 14 | 156,5 |
| 208 x 75 | Rapid connection | 14 | S.005.84 | 42 - 172 | 14 - 14 | 156,5 |
| 208 x 75 | Rapid connection | 18 | S.005.88 | 42 - 172 | 14 - 14 | 156,5 |
| 208 x 75 | Rapid connection | 20 | S.005.81 | 42 - 172 | 14 - 14 | 156,5 |



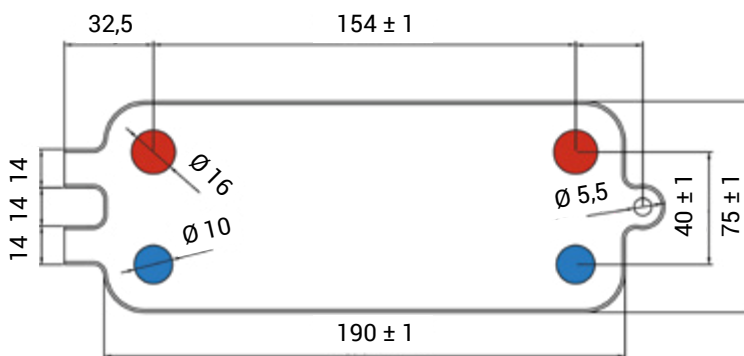
Art. S.005.70
Art. S.005.76

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.005.70 | 42 - 172 | 14 - 14 | 178 |
| 208 x 75 | Rapid connection | 16 | S.005.76 | 42 - 172 | 14 - 14 | 178 |



Art. S.005.72
Art. S.005.74

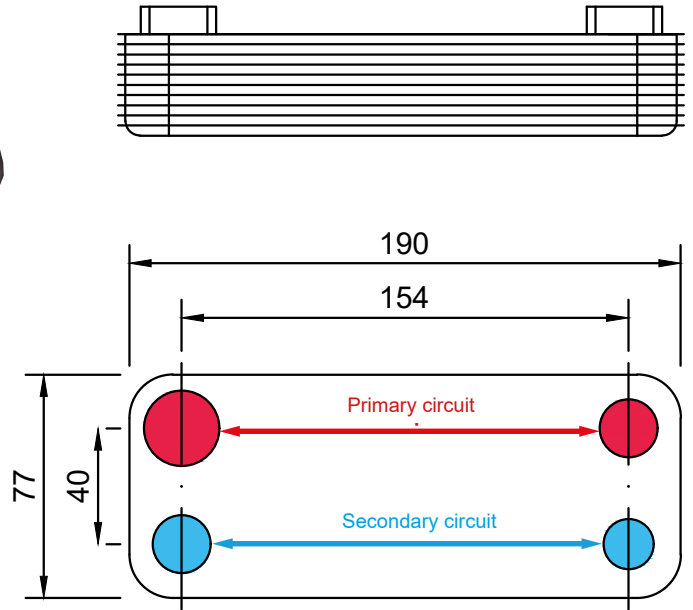
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.005.72 | 42 - 172 | 14 - 14 | 166 |
| 208 x 75 | Rapid connection | 18 | S.005.74 | 42 - 172 | 14 - 14 | 166 |



Art. S.095.--

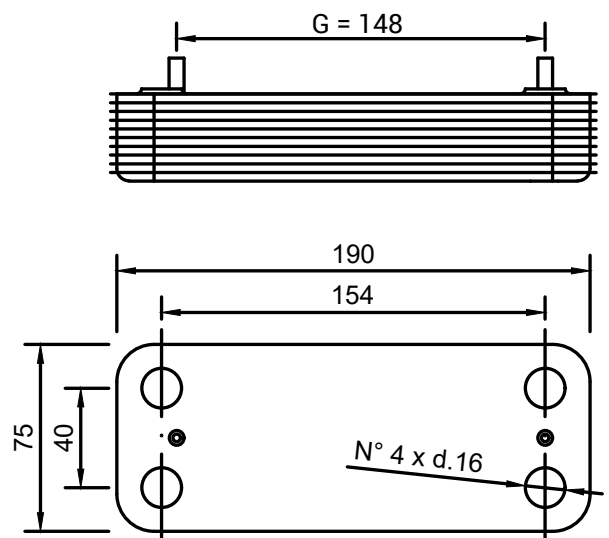
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|------------------|------------------|------------|-----------------|---------|
| | | | | Center distance | Hole Ø |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 - 154 | 16 - 10 |

BERETTA / VOKERA - RIELLO - SYLBER



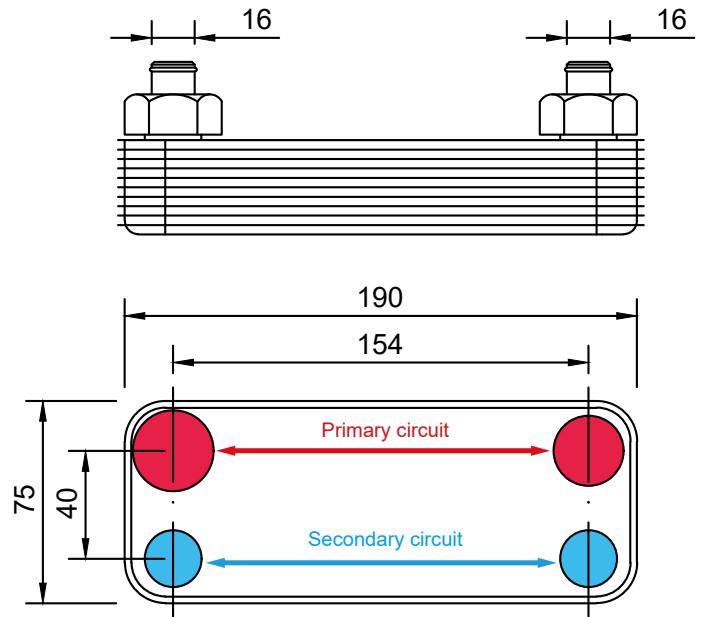
Art. S.012.5-

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|-----------------|------------------|------------|-------|-----------------|------------------------------------|
| | | | | | Center distance | Hole Ø |
| 190 x 77 | Threaded | 12 | S.012.50 | R7140 | 40 - 154 | 3/4" M - 1/2" F 1/2" M - 3/8" F |
| 190 x 77 | Threaded | 16 | S.012.51 | R7141 | 40 - 154 | 3/4" M - 1/2" F 1/2" M - 3/8" F |



Art. S.013.--

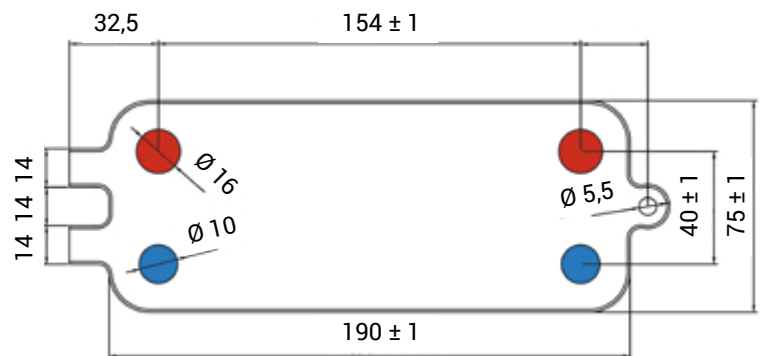
| Model Dimensions | Connection Type | Number of plates | Ref. Code | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|-----------|------------|-----------------|-------------|---------------|
| | | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | R8036 | S.013.50 | 40 - 154 | 15,5 x 15,5 | 148 |
| 190 x 75 | Rapid connection | 16 | R8037 | S.013.51 | 40 - 154 | 15,5 x 15,5 | 148 |
| 190 x 75 | Rapid connection | 20 | R1957 | S.013.20 | 40 - 154 | 15,5 x 15,5 | 148 |



Art. S.014.15

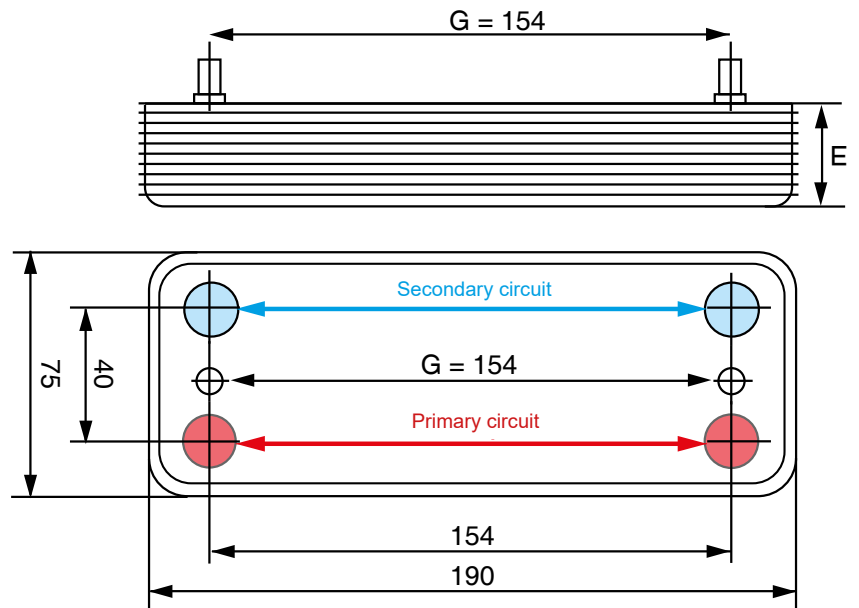
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|------------------|------------------|------------|-----------------|---|
| | | | | Center distance | Hole Ø |
| 190 x 75 | Rapid connection | 16 | S.014.15 | 40 - 154 | M 30 x 3/4" M Rapid connection Ø 16 with O-ring |

BOSCH - JUNKERS - ELM LEBLANC



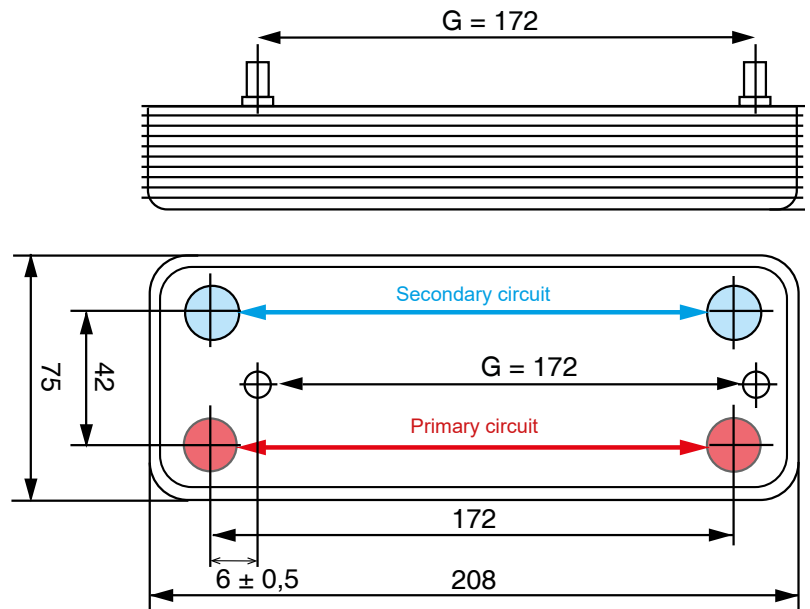
Art. S.095.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|------------------|------------------|------------|-----------------|---------|
| | | | | Center distance | Hole Ø |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 - 154 | 16 - 10 |



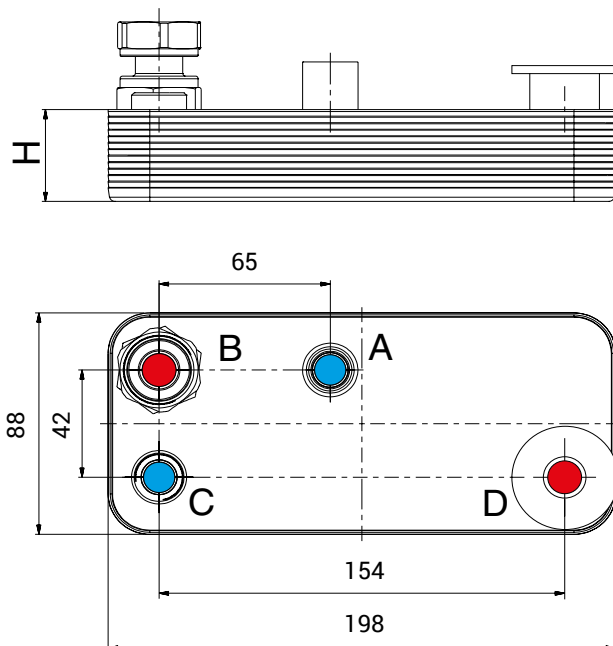
Art. S.003.42

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 40 - 154 | 16 - 16 | 154 |



Art. S.070

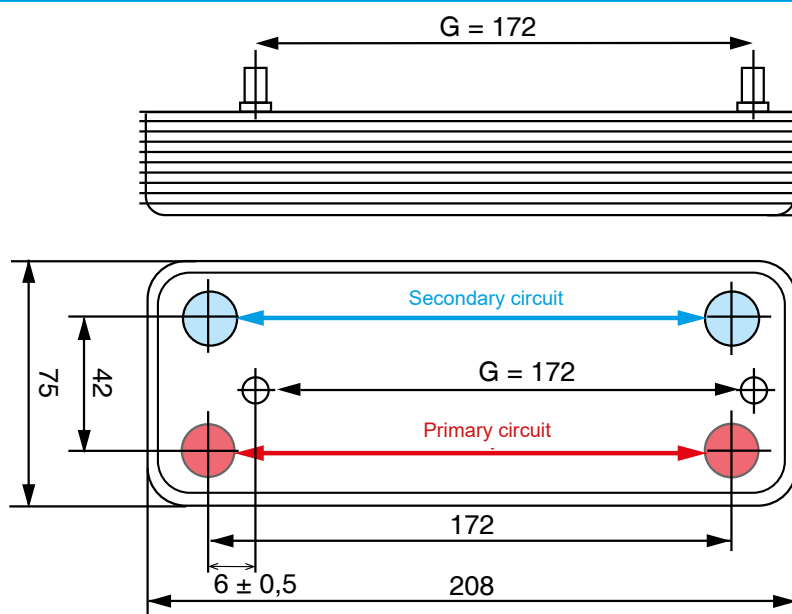
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 - 16 | 172 |



Art. S.006.2-

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|-----------------|------------------|------------|------------|-----------------|--|
| | | | | | Center distance | Hole Ø |
| 198 x 88 | Threaded | 12 | S.006.22 | 8716142900 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 1/2" M - 3/4" M |
| 198 x 88 | Threaded | 14 | S.006.24 | 8716142900 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 1/2" M - 3/4" M |
| 198 x 88 | Threaded | 16 | S.006.26 | 8716142900 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 1/2" M - 3/4" M |

BULEX



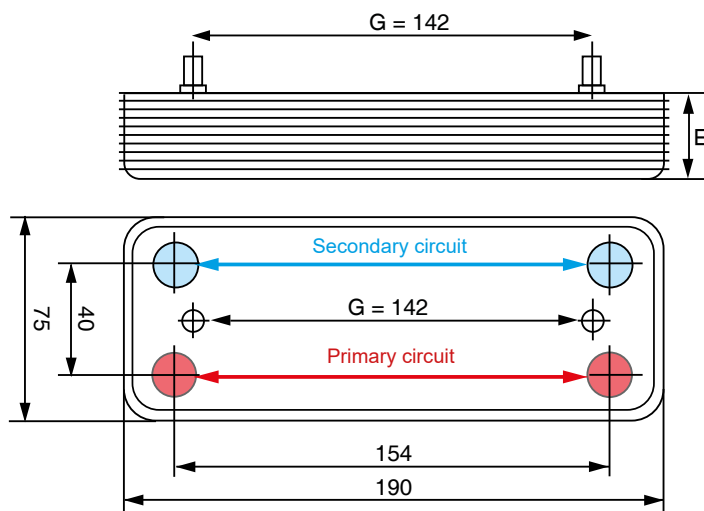
Art. S.070

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 - 16 | 172 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 - 16 | 172 |

CHAFFOTEAUX



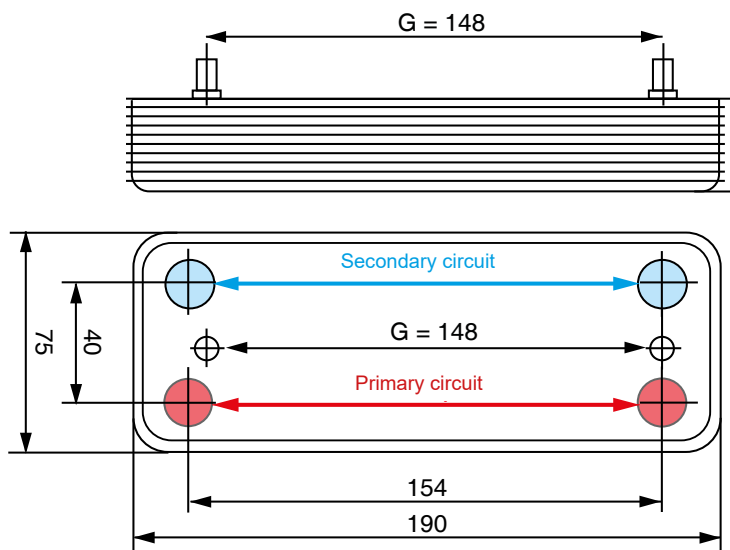
Art. S.003.9-



| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.003.92 | 40 - 154 | 16 x 16 | 142 |
| 190 x 75 | Rapid connection | 14 | S.003.94 | 40 - 154 | 16 x 16 | 142 |
| 190 x 75 | Rapid connection | 16 | S.003.96 | 40 - 154 | 16 x 16 | 142 |



Art. S.003.--



Calydra

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 |

CHAFFOTEAUX ADAPTERS

FOR CODES OR
PRODUCTS YOU
CANNOT FIND,
CONTACT US.



uk@antaresint.com



Art. S.055.00

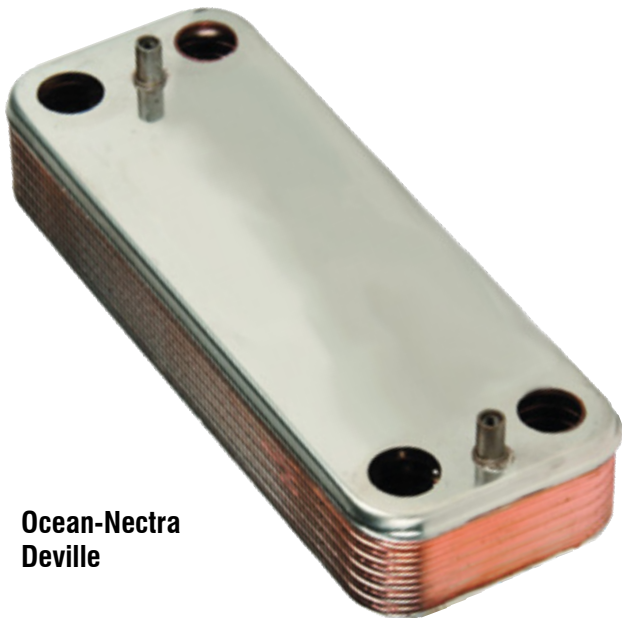
Kit of shaped fittings and pipes to match the exchangers S.004.52 and S.004.74 for replacement in old ones CHAFFOTEAUX boiler models.



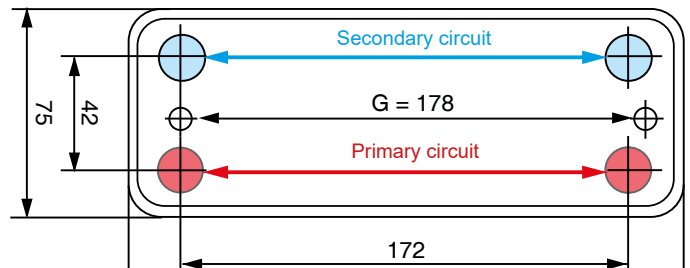
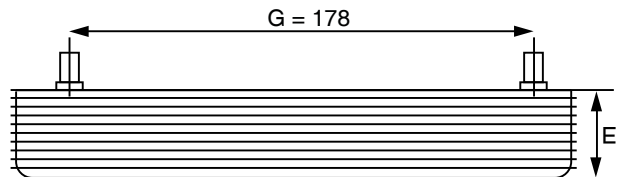
Art. S.004.52

Art. S.004.74

see page 5



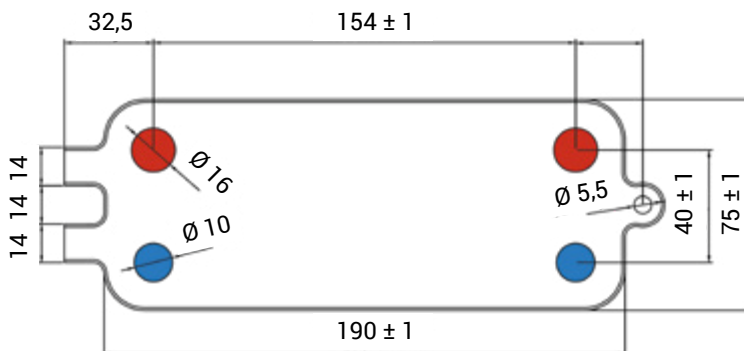
Ocean-Nectra
Deville



Art. S.005.70
Art. S.005.76

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | | Studs Quota G |
|---------------------|--------------------|---------------------|------------|---------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.005.70 | 5625460 | 42 - 172 | 18 - 16 | 178 |
| 208 x 75 | Rapid connection | 16 | S.005.76 | 5625460 | 42 - 172 | 18 - 16 | 178 |

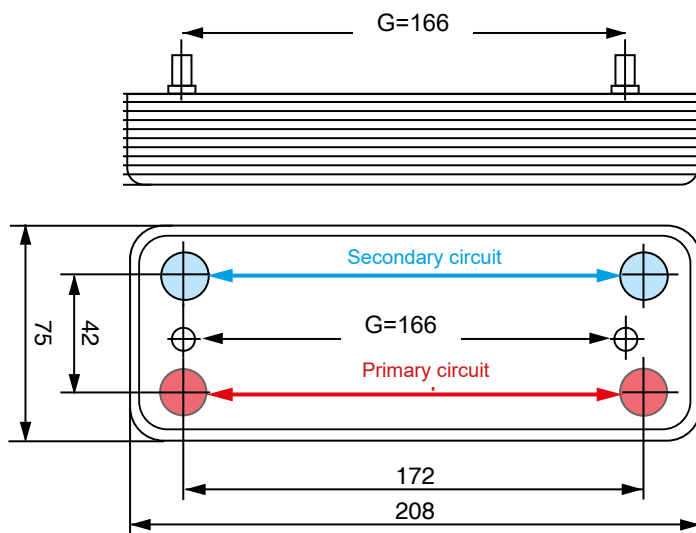
DE DIETRICH - REMEHA



Art. S.095.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|------------------|------------------|------------|-----------------|---------|
| | | | | Center distance | Hole Ø |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 - 154 | 16 - 10 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 - 154 | 16 - 10 |

ELCO



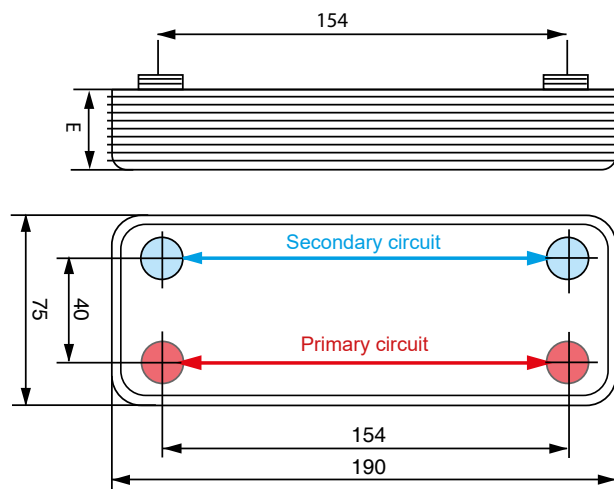
Art. S.005.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 |

FERROLI



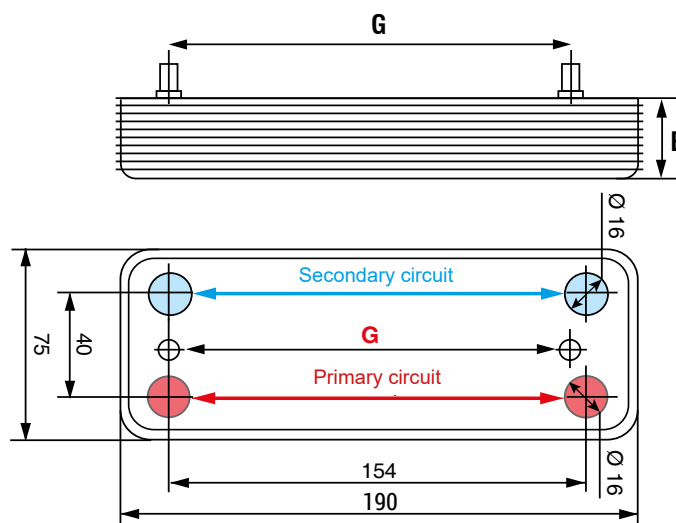
Art. S.002.--



| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|-----------------|
| | | | | Center distance | Hole Ø |
| 190 x 75 | Threaded | 14 | S.002.54 | 40 - 154 | 3/4" M - 1/2" M |
| 190 x 75 | Threaded | 16 | S.002.56 | 40 - 154 | 3/4" M - 1/2" M |
| 190 x 75 | Threaded | 20 | S.002.20 | 40 - 154 | 3/4" M - 1/2" M |
| 190 x 75 | Threaded | 28 | S.002.28 | 40 - 154 | 3/4" M - 1/2" M |
| 190 x 75 | Threaded | 14 | S.002.84 | 40 - 154 | 3/4" M - 3/4" M |
| 190 x 75 | Threaded | 16 | S.002.86 | 40 - 154 | 3/4" M - 3/4" M |
| 190 x 75 | Threaded | 20 | S.002.80 | 40 - 154 | 3/4" M - 3/4" M |

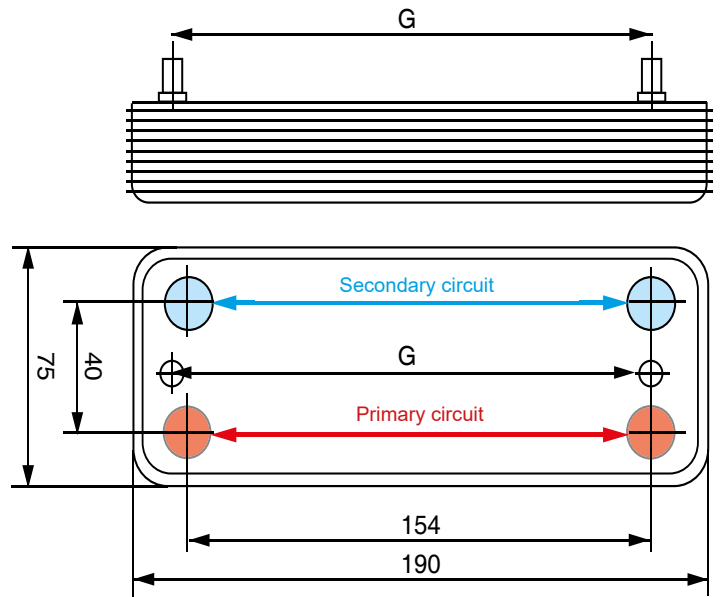
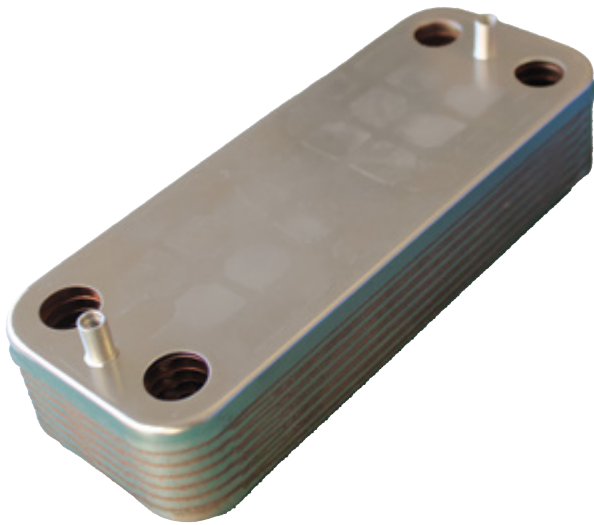


Art. S.003.--



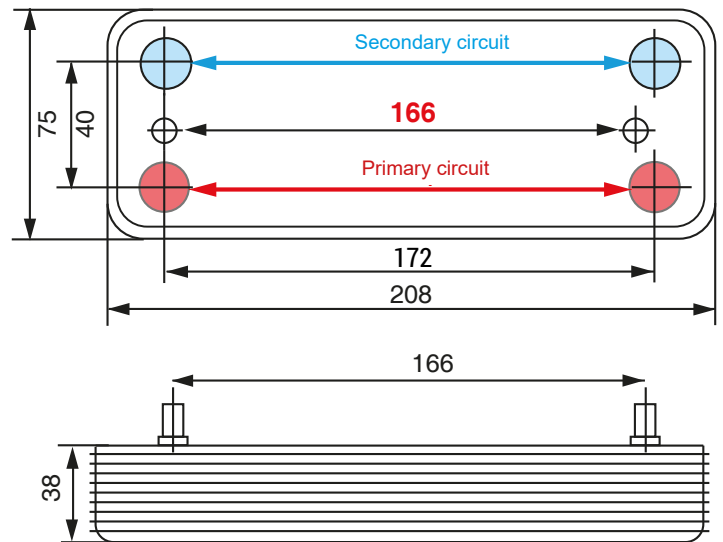
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Quota E | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 3/4" M - 1/2" M | 29,4 | 148 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 3/4" M - 1/2" M | 33,9 | 148 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 3/4" M - 1/2" M | 38,4 | 148 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 3/4" M - 1/2" M | 42,9 | 148 |
| 190 x 75 | Rapid connection | 20 | S.003.82 | 40 - 154 | 3/4" M - 3/4" M | 51,8 | 148 |
| 190 x 75 | Rapid connection | 26 | S.003.76 | 40 - 154 | 3/4" M - 3/4" M | 65,2 | 148 |
| 190 x 75 | Rapid connection | 30 | S.003.83 | 40 - 154 | 3/4" M - 3/4" M | 74,2 | 148 |

FONDITAL



Art. S.003.--

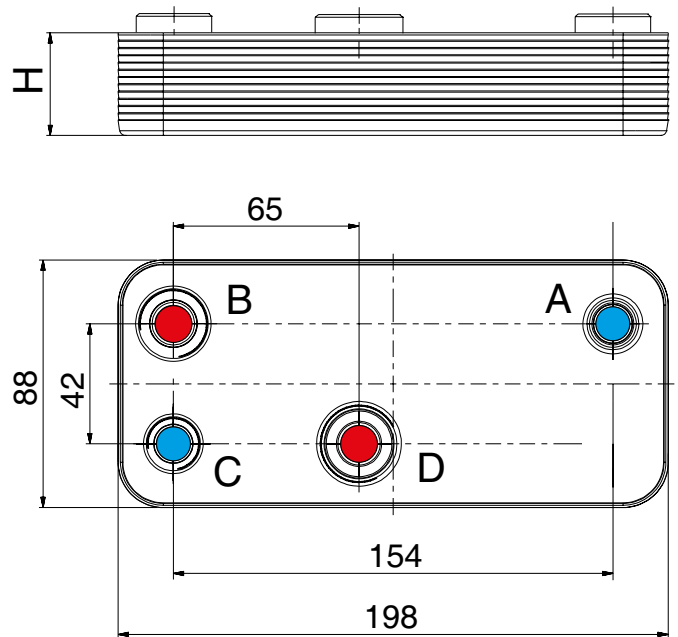
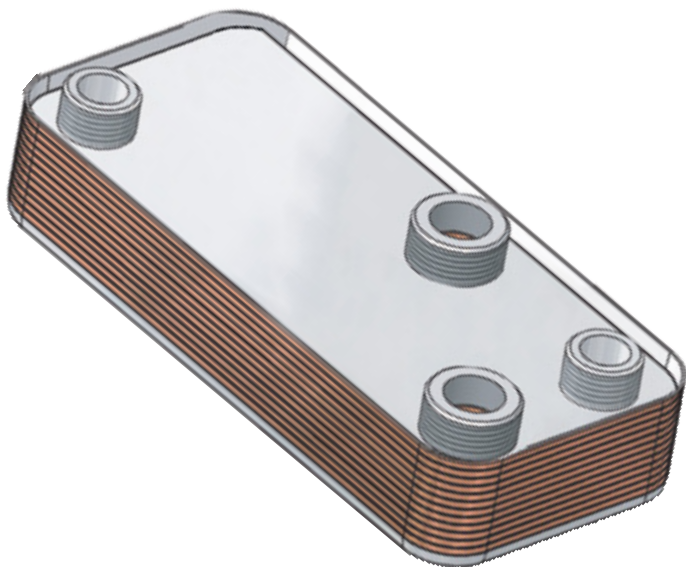
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 10 | S.003.71 | 40 - 154 | 16 - 16 | 160 |
| 190 x 75 | Rapid connection | 14 | S.003.74 | 40 - 154 | 16 - 16 | 160 |
| 190 x 75 | Rapid connection | 16 | S.003.75 | 40 - 154 | 16 - 16 | 160 |



Art. S.005.34

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 14 | S.005.34 | 40 - 172 | 16 - 16 | 166 |

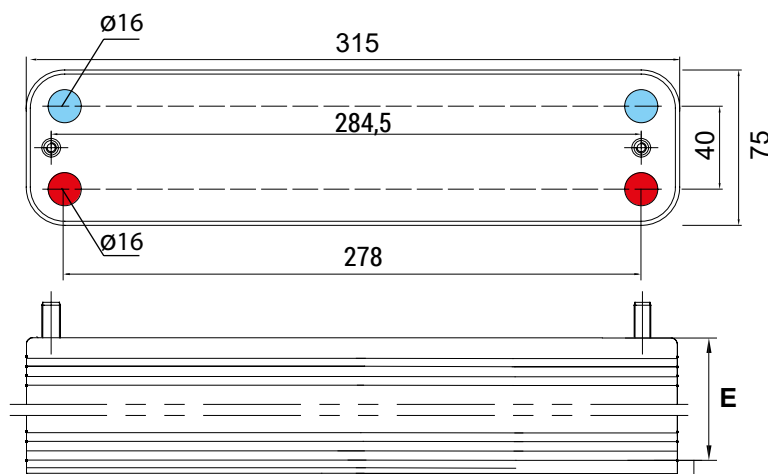
GRANT



Art. S.006.09

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|--------------------------|
| | | | | Center distance | Hole Ø |
| 198 x 88 | Threaded | 35 | S.006.09 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |

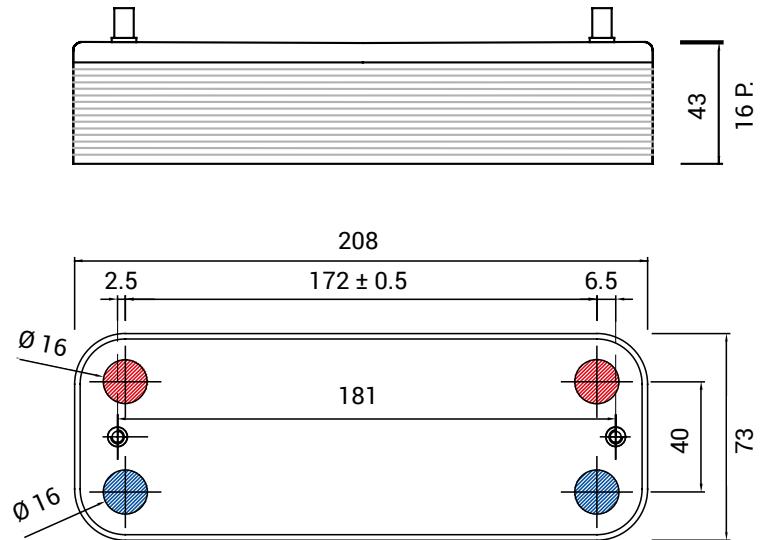
IMAR GROUP



Art. S.011.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Quota E | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------|---------------|
| | | | | Center distance | Hole Ø | | |
| 315 x 75 | Rapid connection | 12 | S.011.12 | 40 - 278 | 16 - 16 | 33,9 | 284,5 |
| 315 x 75 | Rapid connection | 16 | S.011.16 | 40 - 278 | 16 - 16 | 42,9 | 284,5 |

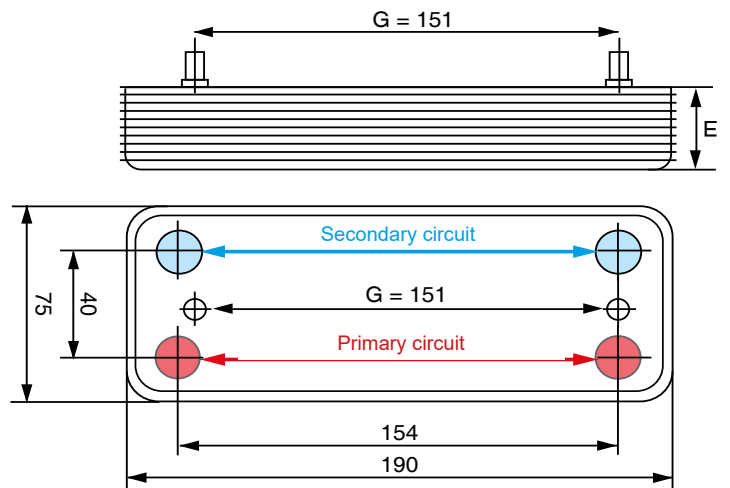
HANSA



Art. S.005.18

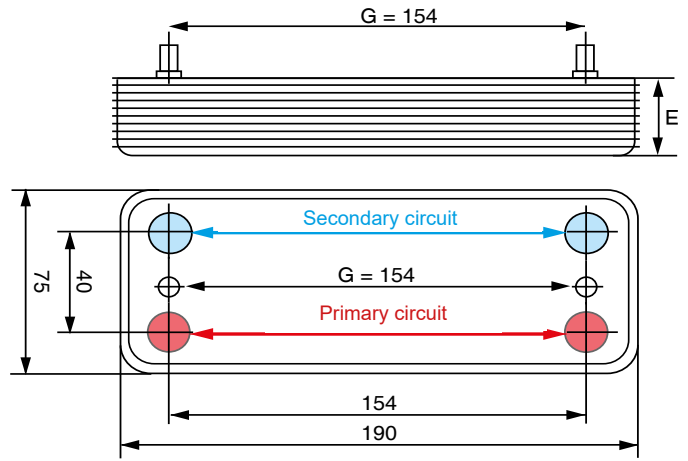
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 16 | S.005.18 | 40 - 172 | 16 - 16 | 181 |

IMMERGAS



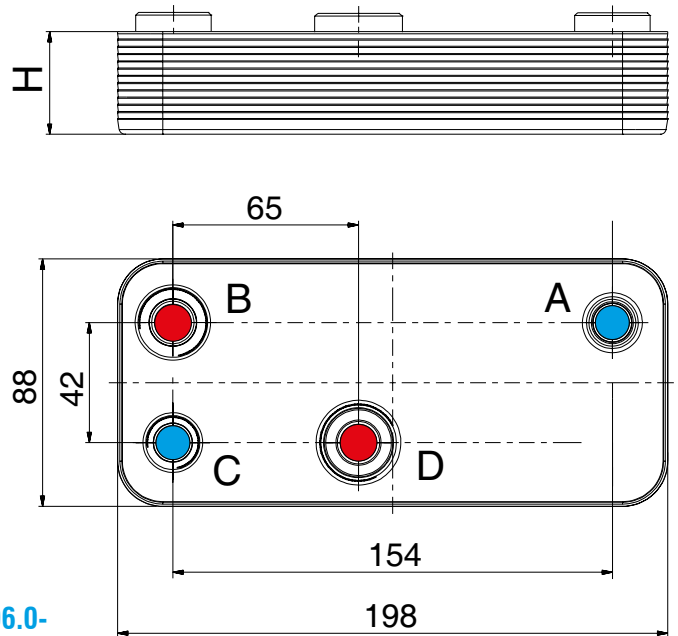
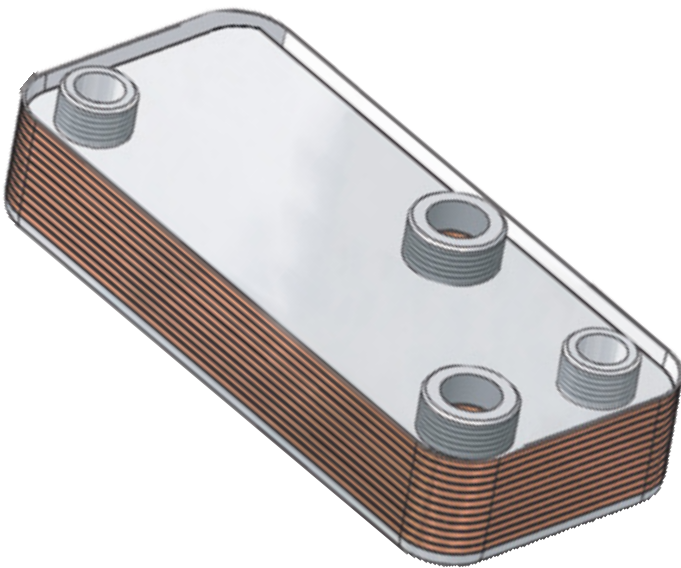
Art. S.003.3-

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|----------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.003.32 | 3.021692 | 40 - 154 | 16 - 16 | 151 |
| 190 x 75 | Rapid connection | 16 | S.003.36 | 3.021393 | 40 - 154 | 16 - 16 | 151 |



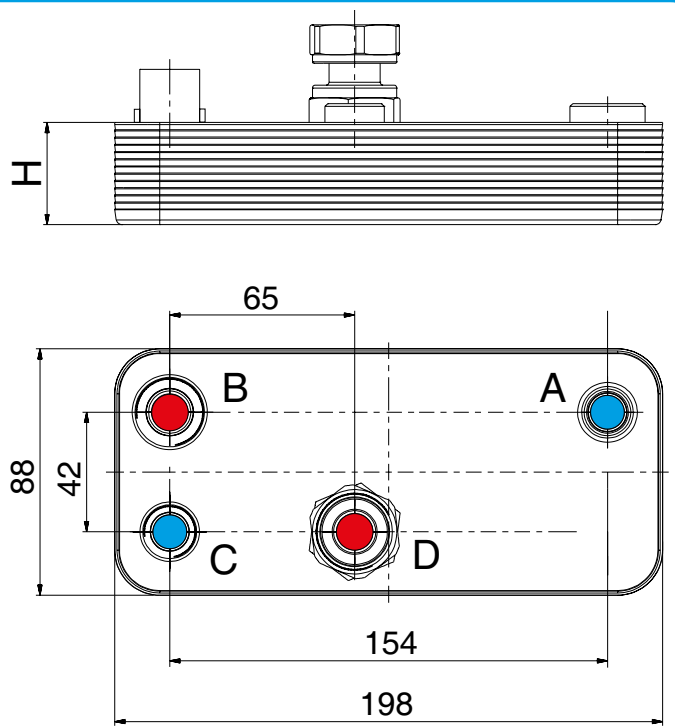
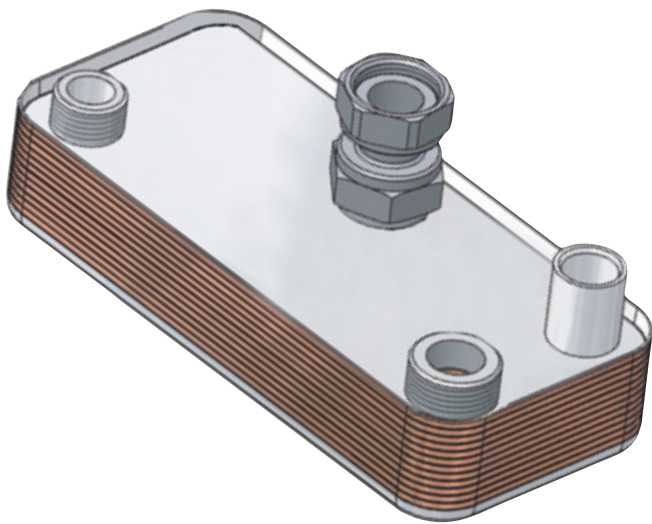
Art. S.003.--

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|----------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 10 | S.003.40 | - | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 12 | S.003.42 | - | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 14 | S.003.44 | 1.022220 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 16 | S.003.46 | 1.022221 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 20 | S.003.41 | 1.022222 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 22 | S.003.43 | 1.022223 | 40 - 154 | 16 - 16 | 154 |



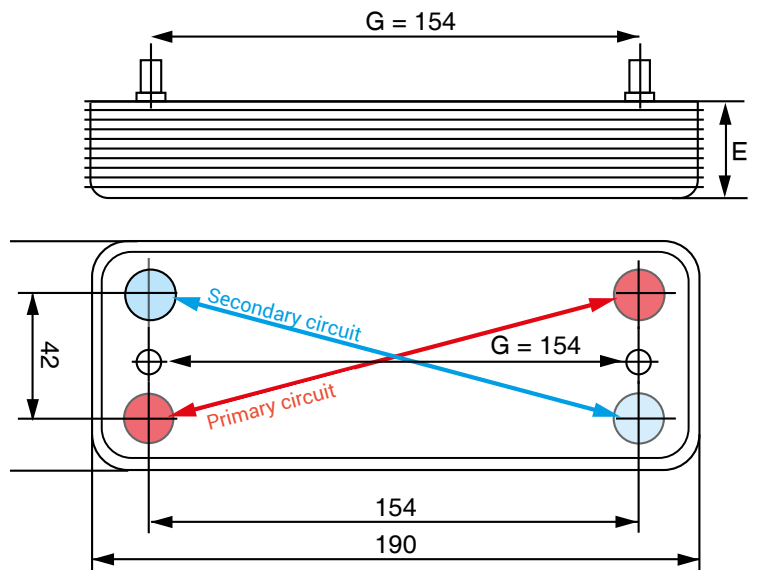
Art. S.006.0-

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|--------------------------|
| | | | | Center distance | Hole Ø |
| 198 x 88 | Threaded | 13 | S.006.03 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 15 | S.006.05 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 17 | S.006.07 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 35 | S.006.09 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |



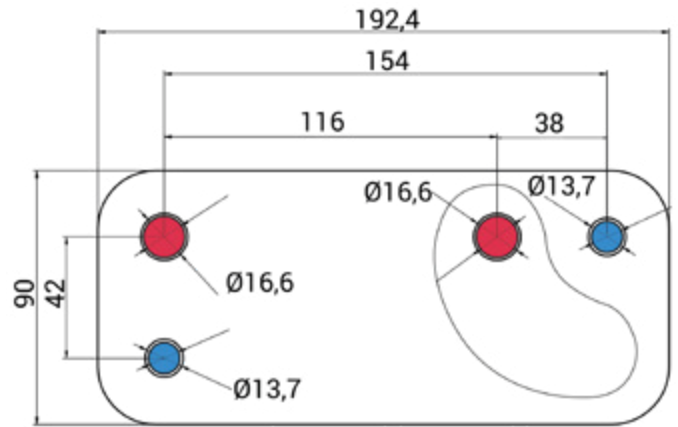
Art. S.006.3

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|--------------------------|
| | | | | Center distance | Hole Ø |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |



Art. S.080.22

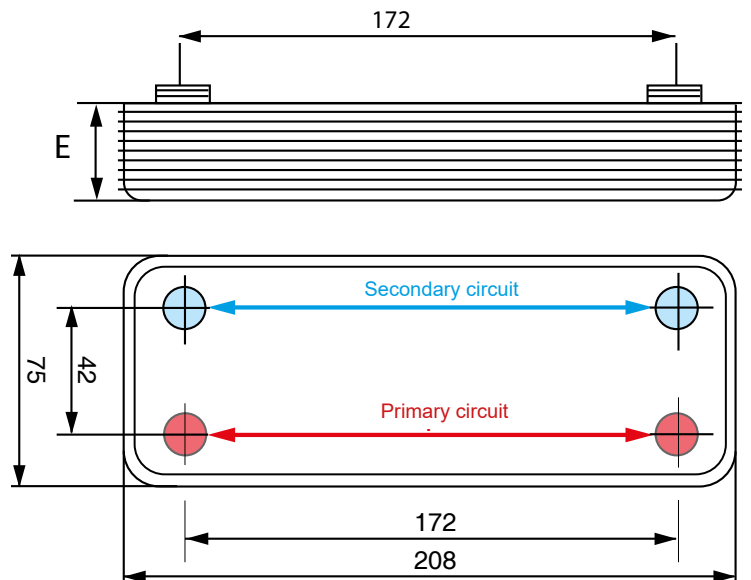
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 22 | S.080.22 | 42 - 154 | 14 x 11 | 154 |



Art. S.081.7-

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|----------|-----------------|-------------|
| | | | | | Center distance | Hole Ø |
| 192,4 x 90 | Rapid connection | 15 | S.081.75 | 3.011261 | 42 - 154 | 16,6 - 13,7 |
| 192,4 x 90 | Rapid connection | 19 | S.081.79 | 3.012737 | 42 - 154 | 16,6 - 13,7 |

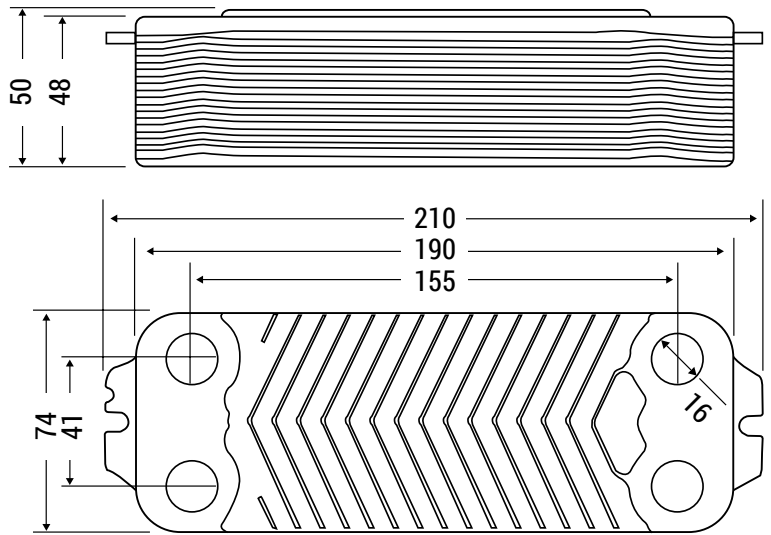
LAMINOX



Art. S.004.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Quota E |
|------------------|-----------------|------------------|------------|-----------------|-------------|---------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Threaded | 20 | S.004.70 | 42 - 172 | 3/4" - 1/2" | 51,8 |
| 208 x 75 | Threaded | 30 | S.004.80 | 42 - 172 | 3/4" - 1/2" | 74,2 |

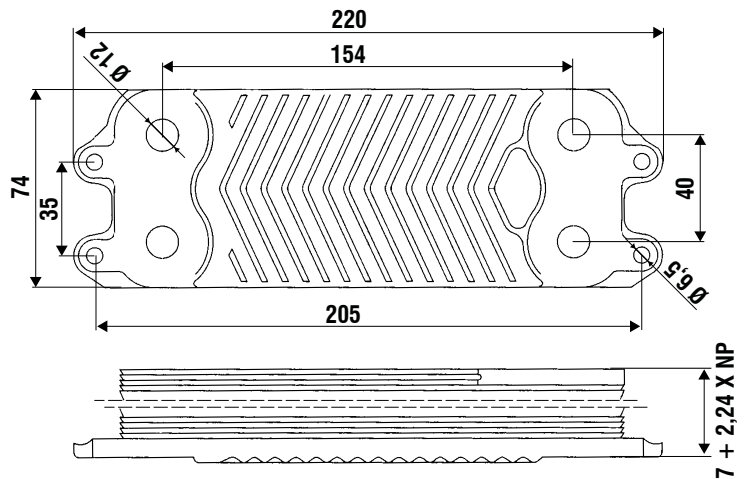
ROCA - BAXI



Art. S.096.00

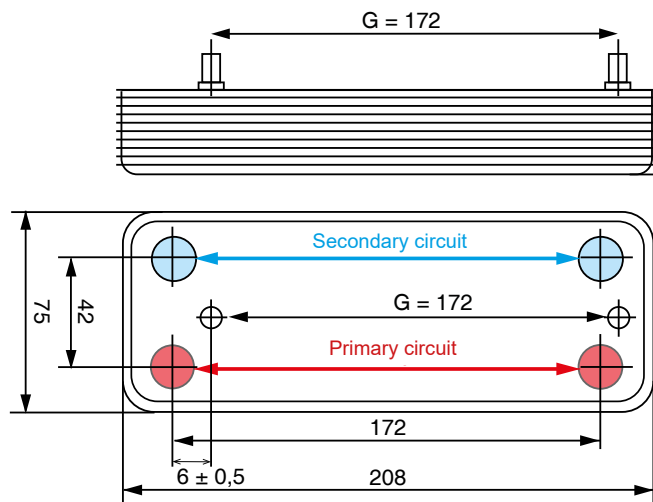
| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|-------------|-----------------|---------|
| | | | | | Center distance | Hole Ø |
| 190 x 74 | Rapid connection | 20 | S.096.00 | 129.400.011 | 41 - 155 | 16 - 16 |

SAUNIER DUVAL - HERMANN - BULEX



Art. S.060

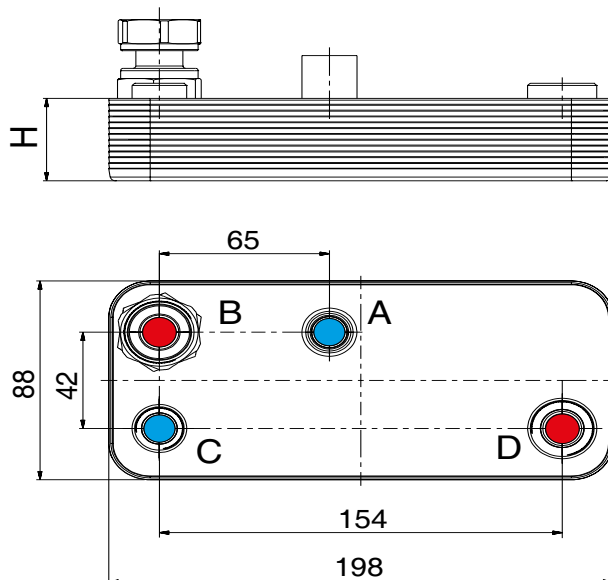
| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|--|-----------------|-------------|
| | | | | | Center distance | Hole Ø |
| 220 x 74 | Rapid connection | 12 | S.060.12 | - | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 14 | S.060.14 | 0020020018 0020097179 0020186153 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 20 | S.060.20 | 0020038572 0020186154 0020097181 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 28 | S.060.28 | 0020046957 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 40 | S.060.40 | - | 40 - 154 | 12,2 - 12,2 |



Art. S.070.--

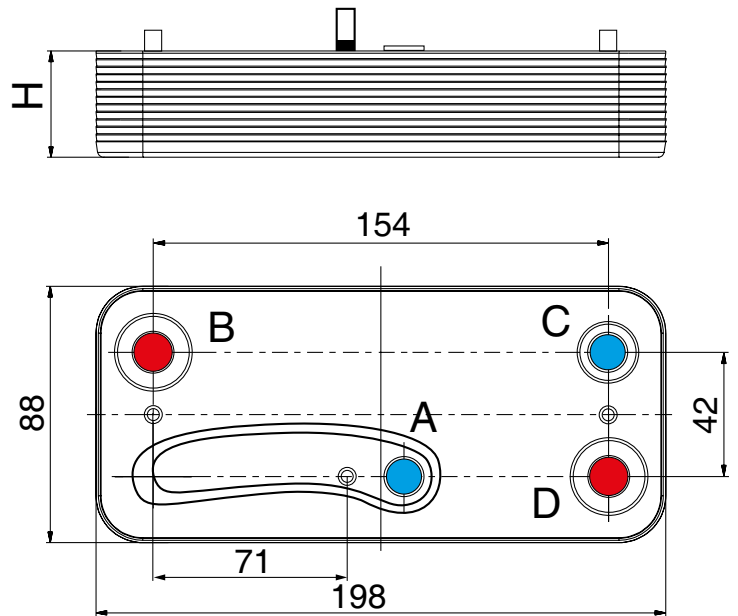
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 x 16 | 172 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 x 16 | 172 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 x 16 | 172 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 x 16 | 172 |

SIME



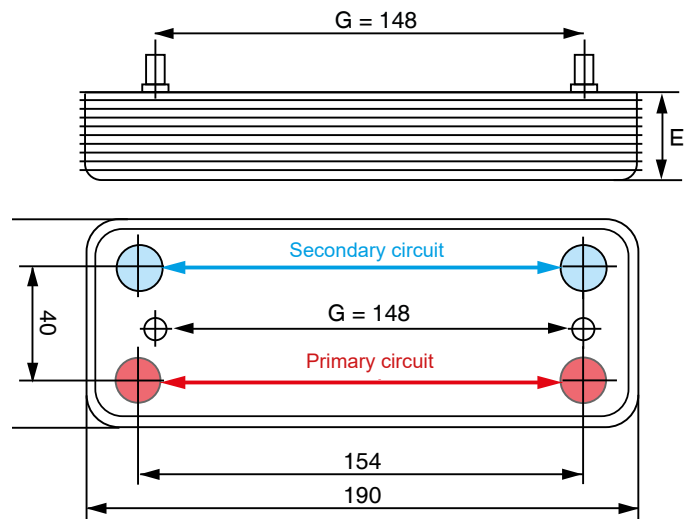
Art. S.006.1-

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|--------------------------|
| | | | | Center distance | Hole Ø |
| 198 x 88 | Threaded | 12 | S.006.12 | 42 - 154 | 2 x 3/4" M 1 x 1/2" M |
| 198 x 88 | Threaded | 14 | S.006.14 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |
| 198 x 88 | Threaded | 16 | S.006.16 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M |



Art. S.007.5-

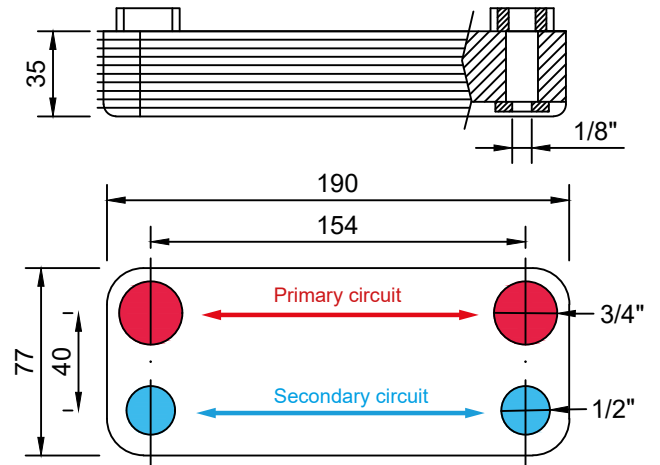
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 198 x 88 | Rapid connection | 12 | S.007.52 | 42 - 154 | 15 x 12 | 154 |
| 198 x 88 | Rapid connection | 14 | S.007.54 | 42 - 154 | 15 x 12 | 154 |
| 198 x 88 | Rapid connection | 16 | S.007.56 | 42 - 154 | 15 x 12 | 154 |



Art. S.003.--

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|--------------------------|---------------|
| | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 2 x 3/4" M 2 x 1/2" M | 148 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 2 x 3/4" M 2 x 1/2" M | 148 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 2 x 3/4" M 2 x 1/2" M | 148 |

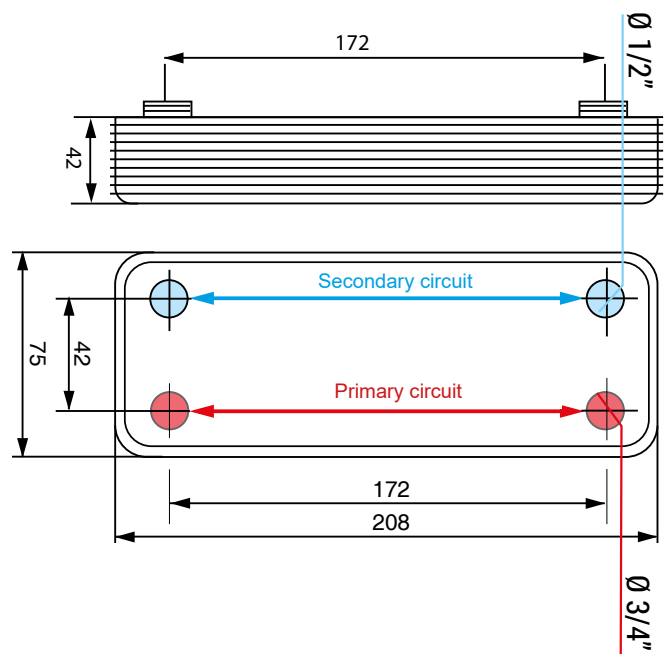
TIFELL



Art. S.083.14

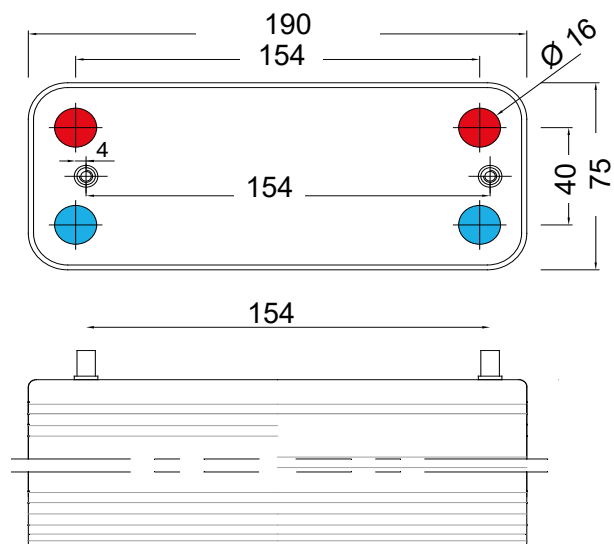
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|------------------------------|
| | | | | Center distance | Hole Ø |
| 190 x 77 | Threaded | 14 | S.083.14 | 40 - 154 | 3/4" - 1/2" - 1/8" for probe |

UNICAL



Art. S.004.74

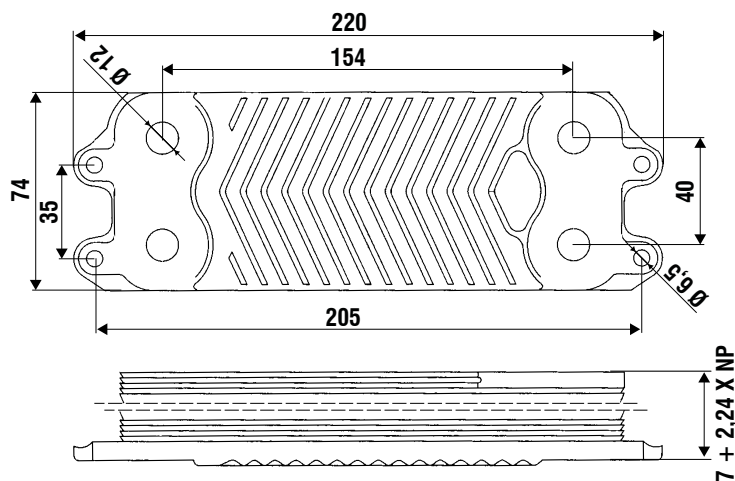
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|-----------------|------------------|------------|-----------------|---------------------|
| | | | | Center distance | Hole Ø |
| 208 x 75 | Threaded | 14 | S.004.74 | 42 - 172 | 2 X 3/4" - 2 X 1/2" |



Art. S.110

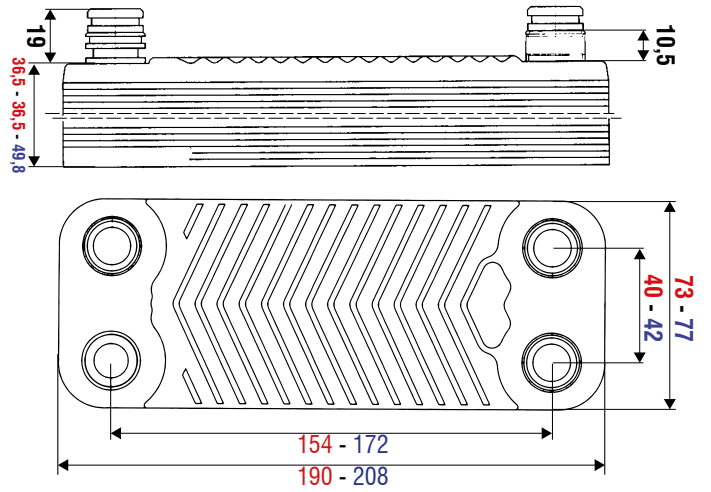
| Model Dimensions | Connection Type | Number of plates | Order code | Zilmet ref. | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-------------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 16 | S.110.16 | 17B1901621 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 20 | S.110.20 | 17B1902021 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 24 | S.110.24 | 17B1902421 | 40 - 154 | 16 - 16 | 154 |

VAILLANT



Art. S.060

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|--|-----------------|-------------|
| | | | | | Center distance | Hole Ø |
| 220 x 74 | Rapid connection | 12 | S.060.12 | - | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 14 | S.060.14 | 0020020018 0020097179 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 20 | S.060.20 | 0020038572 0020186154 0020097181 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 28 | S.060.28 | 0020046957 | 40 - 154 | 12,2 - 12,2 |
| 220 x 74 | Rapid connection | 40 | S.060.40 | - | 40 - 154 | 12,2 - 12,2 |

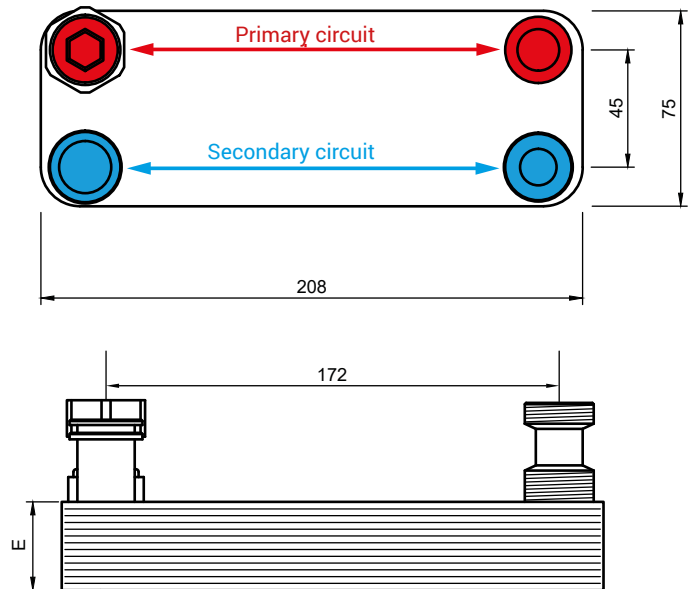


Art. S.061

● Art. S.061.01 - Art. S.061.20 - Art. S.061.40

● Art. S.061.14

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | |
|------------------|------------------|------------------|------------|-----------------|--|
| | | | | Center distance | Hole Ø |
| 190 x 73 | Rapid connection | 14 | S.061.01 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 rapid connection |
| 190 x 73 | Rapid connection | 20 | S.061.20 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 rapid connection |
| 190 x 73 | Rapid connection | 40 | S.061.40 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 rapid connection |
| 208 x 77 | Rapid connection | 14 | S.061.14 | 42 - 208 | 1 x 1/2" M Threaded 3 X 20 rapid connection |



Art. S.062.12

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Quota E |
|------------------|-----------------|------------------|------------|-----------------|---|---------|
| | | | | Center distance | Hole Ø | |
| 208 x 75 | Threaded | 12 | S.062.12 | 42 - 172 | 3/4" F - 3/4" M swivel 3/4" M - Ø 28 rapid | 33,9 |

VAILLANT ADAPTORS



Art. R.650.15

Fittings and hoses kit (short type) from combine with the exchangers Art. S.004.52 e S.004.74 - for replacing the old one plastic model in VAILLANT boilers type THERMOBLOC and TECHNOBLOCK.



Art. R.650.16

Fittings and piping kits (long type) to be combined with exchangers Art. S.004.52 and S.004.74 - for replacement of the old plastic model in the VAILLANT boilers type THERMOBLOC e TECHNOBLOCK (reference 06-5034) - complete with set of gaskets and new diversion disk.



Art. S.004.52
Art. S.004.74
See at page 5



Art. R.650.17

3/4" F. x 3/4" F. fitting to match to the exchangers Art. S.004.52 and S.004.74 - for replacement in boilers VAILLANT type VMW TURBOBLOCK - VMW ATMOBLOCK (reference 06-4950)

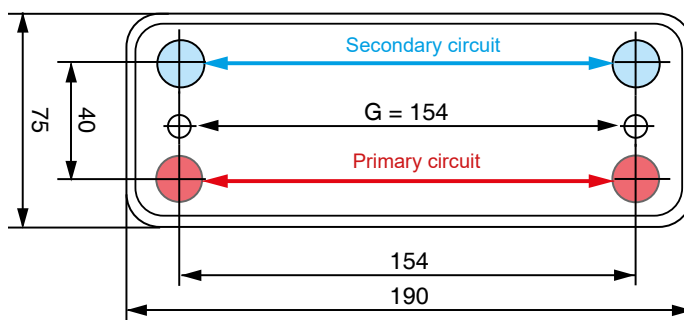
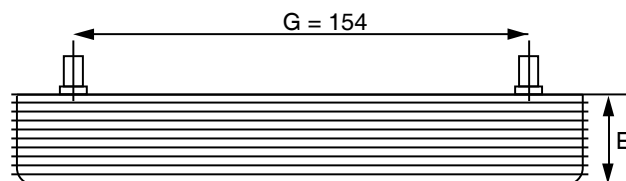


FOR CODES OR PRODUCTS YOU CANNOT FIND, CONTACT US.



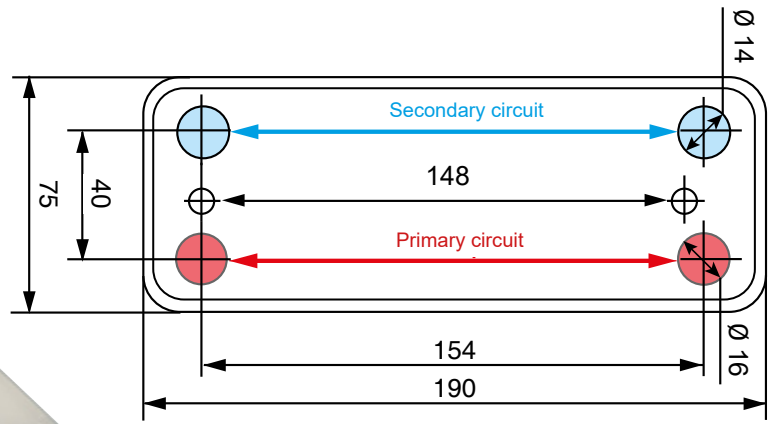
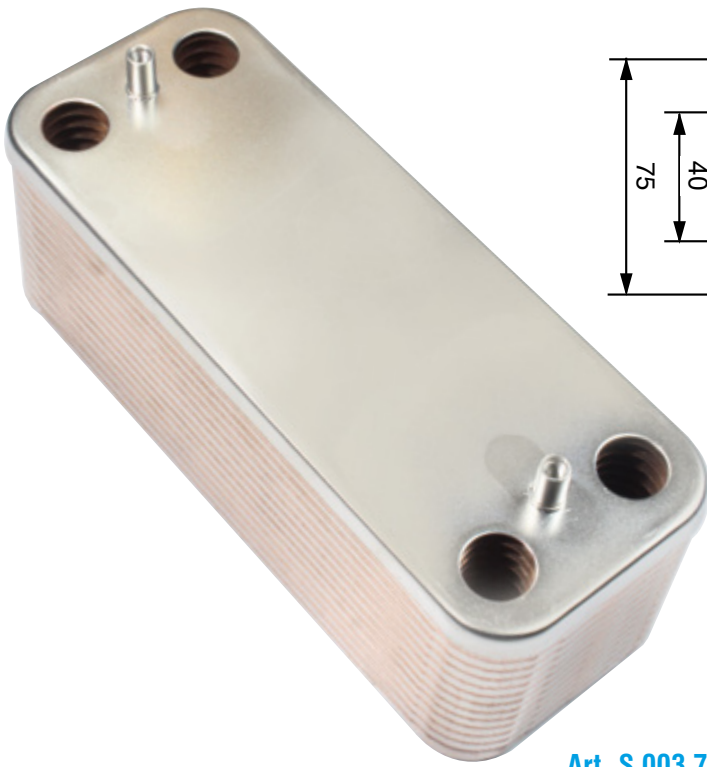
uk@antaresint.com

VIESSMANN



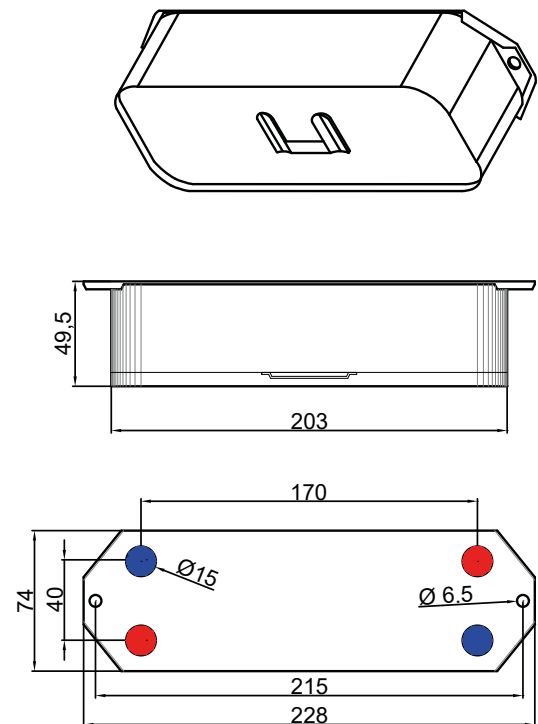
Art. S.003.--

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|---------|-----------------|---------|---------------|
| | | | | | Center distance | Hole Ø | |
| 190 x 75 | Rapid connection | 10 | S.003.40 | - | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 7825534 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 14 | S.003.44 | 7828746 | 40 - 154 | 16 - 16 | 154 |
| 190 x 75 | Rapid connection | 20 | S.003.41 | 7828745 | 40 - 154 | 16 - 16 | 154 |



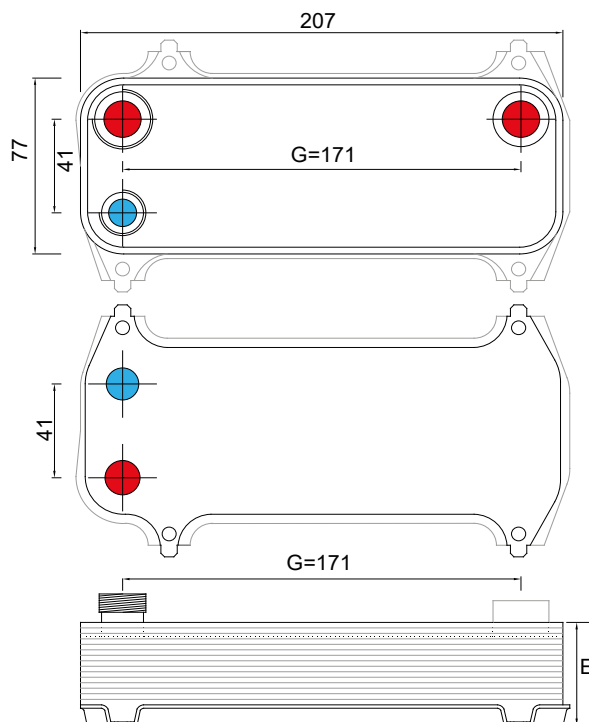
Art. S.003.76

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|
| | | | | Center distance | Hole Ø | |
| 190x75 | Rapid connection | 26 | S.003.76 | 40 - 154 | 16 - 16 | 148 |



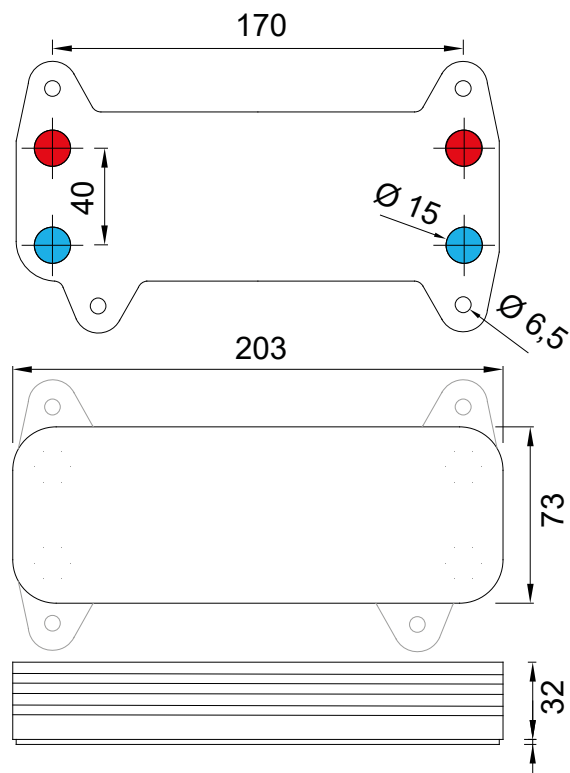
Art. S.090.20

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|---------|-----------------|---------|
| | | | | | Center distance | Hole Ø |
| 228 x 74 | Rapid connection | 20 | S.090.20 | 7827950 | 40 - 170 | 15 - 15 |



Art. S.091.16

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|-----------------|------------------|------------|---------|-----------------|--------------------------------------|
| | | | | | Center distance | Hole Ø |
| 207 x 77 | Threaded | 16 | S.091.16 | 7822474 | 41 - 171 | 1/2 F - 3/4 M - 1/2 M Ø 14 - Ø 15 |



Art. S.092.00

| Model Dimensions | Connection Type | Number of plates | Order code | Ref. | Outlets | |
|------------------|------------------|------------------|------------|---------|-----------------|---------|
| | | | | | Center distance | Hole Ø |
| 203 x 73 | Rapid connection | 12 | S.092.00 | 7817471 | 40 - 170 | 15 - 15 |

Reference table with boiler makes for common models

ARCA / ROCA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.42 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.44 | 40 - 154 | 16 - 16 | 154 | 5 |
| 190 x 75 | Rapid connection | 12 | S.015.12 | 40 - 154 | 16 - 14 | 154 | 5 |
| 190 x 75 | Rapid connection | 14 | S.015.14 | 40 - 154 | 16 - 14 | 154 | 5 |
| 190 x 75 | Rapid connection | 22 | S.015.22 | 40 - 154 | 16 - 14 | 154 | 5 |

ARISTON / MTS

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.003.92 | 40 - 154 | 16 - 16 | 142 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.94 | 40 - 154 | 16 - 16 | 142 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.96 | 40 - 154 | 16 - 16 | 142 | 4 |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 172 - 42 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 172 - 42 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 172 - 42 | 18 - 16 | 166 | 6 |

ARGO

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.82 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.84 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 18 | S.005.88 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 10 | S.005.83 | 42 - 172 | 14 - 14 | 156,5 | 6 |

ATAG

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 16 | S.004.76 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 315 x 75 | Rapid connection | 12 | S.011.32 | 40 - 278 | 14 - 14 | 267 | 9 |
| 315 x 75 | Rapid connection | 18 | S.011.38 | 40 - 278 | 14 - 14 | 267 | 9 |

BALTUR

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |

BAXI / LUNA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 10 | S.005.83 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 12 | S.005.82 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.84 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 18 | S.005.88 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 20 | S.005.81 | 42 - 172 | 14 - 14 | 156,5 | 6 |
| 208 x 75 | Rapid connection | 10 | S.005.40 | 42 - 172 | 14 - 14 | 166 | 6 |
| 208 x 75 | Rapid connection | 12 | S.005.42 | 42 - 172 | 14 - 14 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.44 | 42 - 172 | 14 - 14 | 166 | 6 |
| 208 x 75 | Rapid connection | 20 | S.005.45 | 42 - 172 | 14 - 14 | 166 | 6 |
| 208 x 75 | Rapid connection | 12 | S.005.70 | 42 - 172 | 18 - 16 | 178 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.76 | 42 - 172 | 14 - 14 | 178 | 6 |

BAYMAK

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.72 | 42 - 172 | 14 - 14 | 166 | 6 |
| 208 x 75 | Rapid connection | 18 | S.005.74 | 42 - 172 | 14 - 14 | 166 | 6 |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 - 154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 - 154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 - 154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 - 154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 - 154 | 16 - 10 | - | 15 |

BERETTA / VOKERA - RIELLO - SYLBER

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 77 | Threaded | 12 | S.012.50 | 40 - 154 | 3/4" M - 1/2" F 1/2" M - 3/8 F | - | 16 |
| 190 x 77 | Threaded | 16 | S.012.51 | 40 - 154 | 3/4" M - 1/2" F 1/2" M - 3/8 F | - | 16 |
| 190 x 75 | Rapid connection | 12 | S.013.50 | 40 - 154 | 15,5 - 15,5 | - | 16 |
| 190 x 75 | Rapid connection | 16 | S.013.51 | 40 - 154 | 15,5 - 15,5 | - | 16 |
| 190 x 75 | Rapid connection | 20 | S.013.20 | 40 - 154 | 15,5 - 15,5 | - | 16 |
| 190 x 75 | Rapid connection | 16 | S.014.15 | 40 - 154 | M 30 x 3/4" M Rapid connection Ø 16 con O-ring | - | 17 |

BIASI / SAVIO

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |

BOSCH / JUNKERS / ELM LEBLANC

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 - 154 | 16 - 10 | - | 17 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 - 154 | 16 - 10 | - | 17 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 - 154 | 16 - 10 | - | 17 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 - 154 | 16 - 10 | - | 17 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 - 154 | 16 - 10 | - | 17 |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 40 - 154 | 16 - 16 | 154 | 4 |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 - 16 | 172 | 19 |
| 198 x 88 | Threaded | 12 | S.006.22 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 / 2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.24 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 / 2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.26 | 42 - 154 | 3/4" F Swivel - Ø Int. 16 / 2" M - 3/4" M | - | 7 |

BROTJE

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 20 | S.004.70 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

BULEX

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 - 16 | 172 | 19 |

CHAFFOTEAUX

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 14 | S.002.54 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.92 | 40 - 154 | 16 - 16 | 142 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.94 | 40 - 154 | 16 - 16 | 142 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.96 | 40 - 154 | 16 - 16 | 142 | 4 |
| 208 x 75 | Threaded | 12 | S.004.52 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 208 x 75 | Threaded | 12 | S.005.70 | 42 - 172 | 18 - 16 | 178 | 6 |
| 208 x 75 | Threaded | 16 | S.005.76 | 42 - 172 | 18 - 16 | 178 | 6 |

DE DIETRICH - REMEHA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.095.12 | 40 -154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 16 | S.095.16 | 40 -154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 18 | S.095.18 | 40 -154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 20 | S.095.20 | 40 -154 | 16 - 10 | - | 15 |
| 190 x 75 | Rapid connection | 24 | S.095.24 | 40 -154 | 16 - 10 | - | 15 |

DEMIR DOKUM

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 10 | S.005.60 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |

DEVILLE

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.70 | 42 - 172 | 18 - 16 | 178 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.76 | 42 - 172 | 18 - 16 | 178 | 6 |

ECOFLAM

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 16 | S.004.76 | 42 - 172 | 3/4" M - 1/2" M | 178 | 5 |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |
| 198 x 88 | Rapid connection | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

ELCO

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

FERROLI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 14 | S.002.54 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |
| 190 x 75 | Threaded | 16 | S.002.56 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |
| 190 x 75 | Threaded | 20 | S.002.20 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |
| 190 x 75 | Threaded | 28 | S.002.28 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |

FERROLI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 14 | S.002.84 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 190 x 75 | Threaded | 16 | S.002.86 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 190 x 75 | Threaded | 20 | S.002.80 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 3/4" M - 1/2" M | - | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 3/4" M - 1/2" M | - | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 3/4" M - 1/2" M | - | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 3/4" M - 1/2" M | - | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.82 | 40 - 154 | 3/4" M - 3/4" M | - | 4 |
| 190 x 75 | Rapid connection | 26 | S.003.76 | 40 - 154 | 3/4" M - 3/4" M | - | 4 |
| 190 x 75 | Rapid connection | 30 | S.003.83 | 40 - 154 | 3/4" M - 3/4" M | - | 4 |

FONDITAL

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.71 | 40 - 154 | 16 - 16 | 160 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.74 | 40 - 154 | 16 - 16 | 160 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.75 | 40 - 154 | 16 - 16 | 166 | 4 |
| 208 x 75 | Rapid connection | 14 | S.005.34 | 40 - 172 | 16 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

FONTECAL

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 14 | S.002.54 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |

GIANNONI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|---|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.03 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.05 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.07 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 12 | S.006.12 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.14 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.16 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 12 | S.006.22 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Flange ext. Ø 41 | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.24 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Ext. flange Ø 41 | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.26 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Ext. flange Ø 41 | - | 7 |

GIANNONI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 12 | S.007.52 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 14 | S.007.54 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 16 | S.007.56 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |

GRANT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--------------------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 35 | S.006.09 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |

IMAR GROUP

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 315 x 75 | Rapid connection | 12 | S.011.12 | 40 - 278 | 15 - 22 | 266 | 9 |
| 315 x 75 | Rapid connection | 16 | S.011.16 | 40 - 278 | 15 - 22 | 266 | 9 |

HANSA - INOX - TANTUM

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 16 | S.005.18 | 40 - 172 | 16 - 16 | 182 Special | 6 |

HERMANN

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 12 | S.006.12 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.14 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.16 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |

IDROGAS OTMA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 14 | S.005.55 | 42 - 172 | 16 - 16 | 172 | 6 |

IDEACLIMA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

IMMERGAS / ICHS

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--------------------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.003.32 | 40 - 154 | 16 - 16 | 151 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.36 | 40 - 154 | 16 - 16 | 151 | 4 |
| 190 x 75 | Rapid connection | 10 | S.003.40 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.44 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.46 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.41 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 22 | S.003.43 | 40 - 154 | 16 - 16 | 154 | 4 |
| 198 x 88 | Threaded | 13 | S.006.03 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.05 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.07 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 35 | S.006.09 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 2 x 3/4" M 2 x 1/2" M | - | 7 |

JUNKERS

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | 154 | 4 |
| 198 x 88 | Rapid connection | 12 | S.006.22 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 14 | S.006.24 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 16 | S.006.26 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

LAMBORGHINI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

LAMINOX

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 20 | S.004.70 | 42 - 172 | 3/4" - 1/2" | - | 5 |
| 208 x 75 | Threaded | 30 | S.004.80 | 42 - 172 | 3/4" - 1/2" | - | 5 |

MTS / ARISTON

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

NOVA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

PENSOTTI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 14 | S.002.84 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 190 x 75 | Threaded | 16 | S.002.86 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 190 x 75 | Threaded | 20 | S.002.80 | 40 - 154 | 3/4" M - 3/4" M | - | 3 |
| 208 x 75 | Threaded | 12 | S.004.52 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 208 x 75 | Threaded | 14 | S.004.74 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |

RADIANT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.40 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.44 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.46 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.41 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 24 | S.003.45 | 40 - 154 | 16 - 16 | 154 | 4 |

RAVENHEAT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 20 | S.004.70 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

RIELLO / BENEFIT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Threaded | 16 | S.002.56 | 40 - 154 | 3/4" M - 1/2" M | - | 3 |

RHOSS

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 208 x 75 | Threaded | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Threaded | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Threaded | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

ROCA - BAXI

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 74 | Fixing wings | 20 | S.096.00 | 41 - 155 | 16 - 16 | - | 30 |

SANT'ANDREA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |

SARIGAS

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-----------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 12 | S.004.52 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 208 x 75 | Threaded | 14 | S.004.74 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |

SAUNIER DUVAL - HERMANN - BULEX

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|-------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 220 x 74 | Rapid connection | 12 | S.060.12 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 14 | S.060.14 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 20 | S.060.20 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 28 | S.060.28 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 40 | S.060.40 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 208 x 75 | Rapid connection | 12 | S.070.12 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 14 | S.070.14 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 16 | S.070.16 | 42 - 172 | 16 - 16 | 172 | 19 |
| 208 x 75 | Rapid connection | 20 | S.070.20 | 42 - 172 | 16 - 16 | 172 | 19 |

SILE

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

SIMAT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Rapid connection | 12 | S.005.62 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 14 | S.005.64 | 42 - 172 | 18 - 16 | 166 | 6 |
| 208 x 75 | Rapid connection | 16 | S.005.66 | 42 - 172 | 18 - 16 | 166 | 6 |

SIME

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 12 | S.003.81 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 148 | 4 |
| 190 x 75 | Threaded | 16 | S.003.86 | 40 - 154 | 16 - 16 | 148 | 4 |
| 198 x 88 | Threaded | 12 | S.006.12 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.14 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.16 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Rapid connection | 12 | S.007.52 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 14 | S.007.54 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 16 | S.007.56 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |

THERMOVANA

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |

TIFELL

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|-----------------|------------------|------------|-----------------|-------------------------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 77 | Threaded | 14 | S.083.14 | 40 - 154 | 3/4" - 1/2" 1/8" For probe | - | 33 |

UNICAL

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|-------------------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 14 | S.004.74 | 42 - 172 | 2 x 3/4" M - 2 x 1/2" M | - | 5 |
| 190 x 75 | Rapid connection | 16 | S.110.16 | 40 - 154 | 16 - 16 | 154 | 34 |
| 190 x 75 | Rapid connection | 20 | S.110.20 | 40 - 154 | 16 - 16 | 154 | 34 |
| 190 x 75 | Rapid connection | 24 | S.110.24 | 40 - 154 | 16 - 16 | 154 | 34 |

VAILLANT

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 208 x 75 | Threaded | 12 | S.004.52 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 208 x 75 | Threaded | 14 | S.004.74 | 42 - 172 | 3/4" M - 1/2" M | - | 5 |
| 220 x 74 | Rapid connection | 12 | S.060.12 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 14 | S.060.14 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 20 | S.060.20 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 28 | S.060.28 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 220 x 74 | Rapid connection | 40 | S.060.40 | 40 - 154 | 12,2 - 12,2 | - | 34 |
| 190 x 73 | Rapid connection | 14 | S.061.01 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 Rapid connection | - | 35 |
| 190 x 73 | Rapid connection | 20 | S.061.20 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 Rapid connection | - | 35 |
| 190 x 73 | Rapid connection | 40 | S.061.40 | 40 - 154 | 1 x 1/2" M Threaded 3 X 20 Rapid connection | - | 35 |
| 208 x 77 | Rapid connection | 14 | S.061.14 | 42 - 208 | 1 x 1/2" M Threaded 3 X 20 Rapid connection | - | 35 |
| 208 x 75 | Threaded | 12 | S.062.12 | 42 - 172 | 3/4" M - 3/4" F 3/4" M - Ø 28 rapid | - | 35 |

VIESSMAN

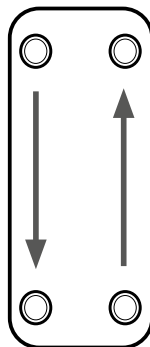
| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--------------------------------------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 190 x 75 | Rapid connection | 10 | S.003.40 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 10 | S.003.80 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 12 | S.003.42 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.41 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.44 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 14 | S.003.84 | 40 - 154 | 16 - 16 | 154 | 4 |
| 190 x 75 | Rapid connection | 20 | S.003.82 | 42 - 172 | 16 - 16 | 148 | 4 |
| 190 x 75 | Rapid connection | 26 | S.003.76 | 40 - 154 | 16 - 16 | 148 | 4 |
| 228 x 74 | Rapid connection | 20 | S.090.20 | 40 - 170 | 15 - 15 | - | 37 |
| 207 x 77 | Threaded | 16 | S.091.16 | 41 - 171 | 1/2 F - 3/4 M - 1/2 M Ø 14 - Ø 15 | - | 38 |
| 203 x 73 | Rapid connection | 12 | S.092.00 | 40 - 170 | 15 - 15 | - | 38 |
| 190 x 75 | Threaded | 12 | S.095.12 | 40 - 154 | 16 - 10 | - | 39 |
| 190 x 75 | Threaded | 16 | S.095.16 | 40 - 154 | 16 - 10 | - | 39 |
| 190 x 75 | Threaded | 18 | S.095.18 | 40 - 154 | 16 - 10 | - | 39 |
| 190 x 75 | Threaded | 20 | S.095.20 | 40 - 154 | 16 - 10 | - | 39 |
| 190 x 75 | Threaded | 24 | S.095.24 | 40 - 154 | 16 - 10 | - | 39 |

WORCHESTER - BOSCH

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|---------|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 315 x 75 | Rapid connection | 14 | S.011.04 | 40 - 278 | 16 - 16 | 266 | 9 |

ZILMET

| Model Dimensions | Connection Type | Number of plates | Order code | Outlets | | Studs Quota G | Page |
|------------------|------------------|------------------|------------|-----------------|--|---------------|------|
| | | | | Center distance | Hole Ø | | |
| 198 x 88 | Threaded | 13 | S.006.03 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.05 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.07 | 42 - 154 | 1/2" M - 3/4" M 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 12 | S.006.12 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.14 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.16 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel 1/2" M - 3/4" M | - | 7 |
| 198 x 88 | Threaded | 12 | S.006.22 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Flange ext. Ø 41 | - | 7 |
| 198 x 88 | Threaded | 14 | S.006.24 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Flange ext. Ø 41 | - | 7 |
| 198 x 88 | Threaded | 16 | S.006.26 | 42 - 154 | Ø Int. 16 - 3/4" F Swivel Ø Int. 16 - Flange ext. Ø 41 | - | 7 |
| 198 x 88 | Threaded | 13 | S.006.33 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 15 | S.006.35 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Threaded | 17 | S.006.37 | 42 - 154 | 1/2" M - 3/4" M Ø Int. 16 - 3/4" F Swivel | - | 7 |
| 198 x 88 | Rapid connection | 12 | S.007.52 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 14 | S.007.54 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |
| 198 x 88 | Rapid connection | 16 | S.007.56 | 42 - 154 | Ø ext. 13 - Ø ext. 16 Ø ext. 13 - Ø ext. 16 | - | 7 |



N.B.

For minimum quantities of at least 500 pieces we can make to measure exchangers with particularities and specifications upon customer request.

HOW TO PLACE AN ORDER



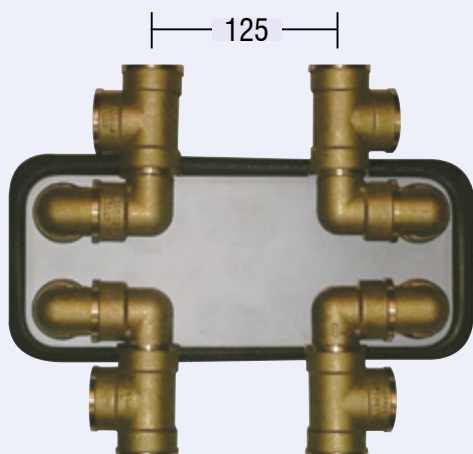
On our e-commerce website
www.antaresint.com



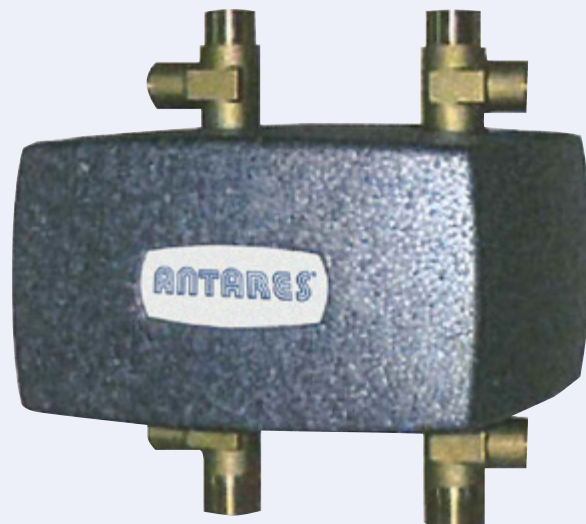
Direct and immediate orders

If you place your order **"ON LINE"** or by phone,
you can have **immediate confirmation** of availability on articles and assure they are set aside.

Circuit Separator



Art. E.629



Suitable for:

- Heat exchange between boiler and system: when you don't want to directly join the circuit of the old system directly with the boiler to avoid soiling and clogging the passage of the same. Many boiler manufacturers require their installation.
- Coupling of open circuits with closed circuits: for combination of biomass boilers or fireplaces with boilers closed circuit.

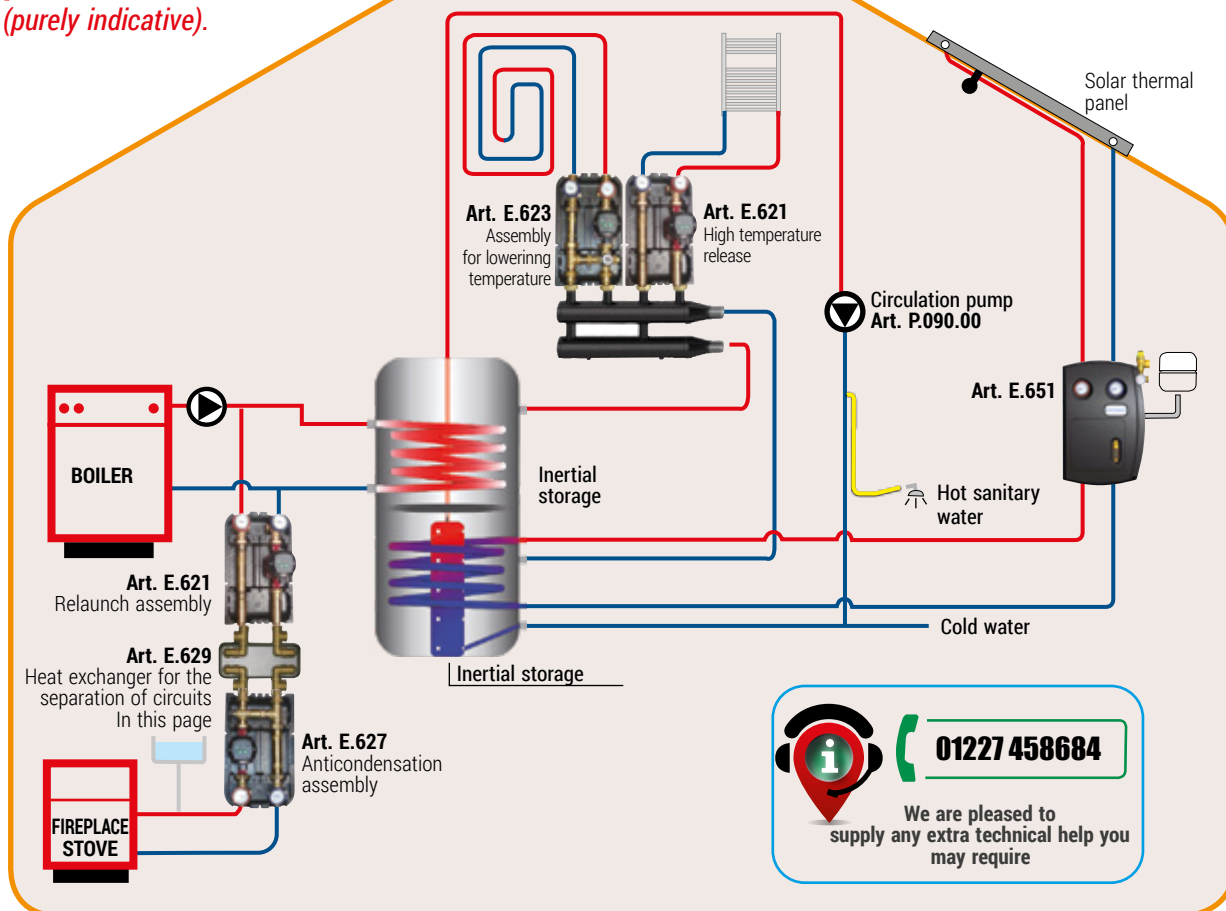
Art. E.629 - Heat exchange module also suitable for the separation of hydraulic circuits.

Prepared for direct connection with anti-condensation modules for generators biomass heat - Art. E.627 - and for the lowering and mixing control units of temperature for radiant systems. - Art. E.623. It consists of an exchanger with stainless steel plates in the defined capacities, necessary connection fittings pre-assembled and insulating shell. Prepared for connecting various accessories correspondence of the four "T" fittings 1" F. - Connection center distance: 125 mm.

| Order code | For powers up to KW | Type of exchanger |
|------------|---------------------|-------------------|
| E.629.25 | 25 KW | S.009.20* |
| E.629.35 | 35 KW | S.009.30* |
| E.629.45 | 45 KW | S.009.40* |

*For the tech.characteristics of the heat exchanger see Art. S.009 on page 9.

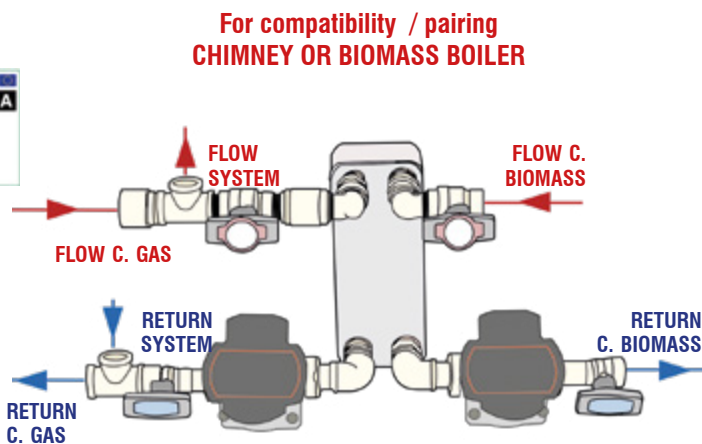
Application scheme pre-assembled modules (purely indicative).



01227 458684

We are pleased to supply any extra technical help you may require

Circuit Separator



Art. S.047

Art. S.047 - Pre-assembled heat exchange group for the separation of the open circuit from the closed one, for heating systems using a thermo fireplace, wood boiler, biomass, pellets, etc.

Consisting of an AISI 304 stainless steel exchanger (Art. S.009), n° 2 circulators in energy class "A" (Art. P.064.6-), n° 2 ball valves (Art. E.465), n° 2 ball valves with thermometer and check valve (Art. E.478). - Max operating temperature: 99°C. - Pressure: max working: 15 bar.

| | | | | | | |
|--------------------------------|----------|----------|----------|----------|----------|----------|
| Power W | 25 | | 35 | | 45 | |
| Heat exchanger type | S.009.20 | | S.009.30 | | S.009.40 | |
| Primary: 80/70°C - Flow m³/h | 2,00 | | 3,20 | | 4,30 | |
| Secondary: 60/70°C - Flow m³/h | 2,00 | | 3,20 | | 4,30 | |
| With insulating shell | YES | NO | YES | NO | YES | NO |
| Order code | S.047.26 | S.047.25 | S.047.36 | S.047.35 | S.047.46 | S.047.45 |

Producing domestic hot water



Art. E.640.1-



Art. E.640.1-

Art. E.640 - Pre-assembled module for the instantaneous production of domestic hot water, complete with: flow sensor for automatic start of the pump, brazed stainless steel plate exchanger indicated in the table, self-adjusting high efficiency circulation pump (P064.6-), 2 ball valves with thermometer and check valve (E. 478), 2 thermometers on the secondary circuit and insulating shell.

Available with or without 3-way thermostatic mixing valve. - Connections: heating circuit 1" M. - Center distance: 125 - Max. pressure: 10 bar.

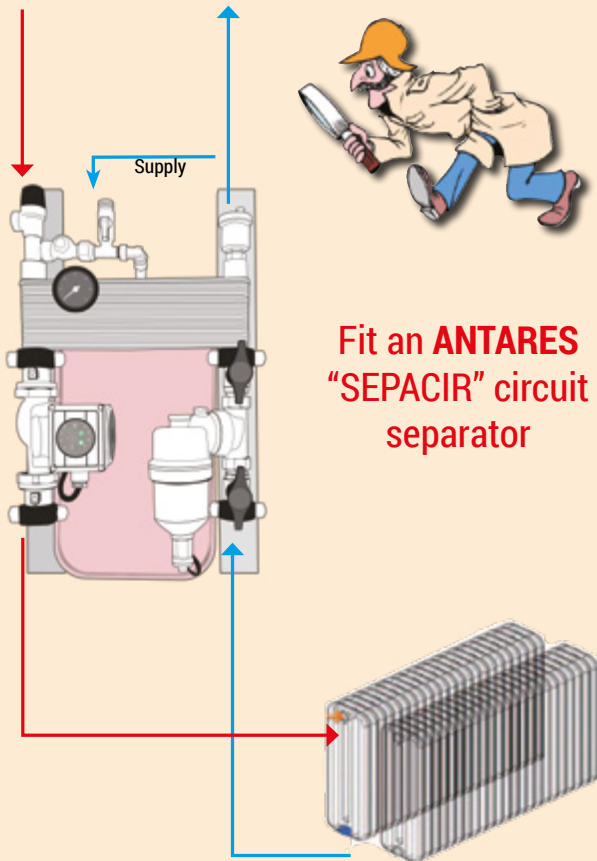
Data provided with: **Primary circuit: 80°/60° C - Secondary circuit: 15°/50° C.**

| Model | Without thermostatic valve | | | | | | With thermostatic valve to control domestic hot water | | | | |
|----------|----------------------------|-------------------------|------------------------|--------------|------------------------------------|------------|---|-------------------------|------------------------|--------------|------------------------------------|
| | Flow rate lt/min | Absorption of boiler Kw | Type of heat exchanger | N. of plates | Connection for sanitary circulator | Order code | Flow rate lt/min | Absorption of boiler Kw | Type of heat exchanger | N. of plates | Connection for sanitary circulator |
| E.640.11 | 16 | 40 | S.002.56 | 16 | 3/4" F. | E.640.21 | 16 | 40 | S.002.56 | 16 | 3/4" F. |
| E.640.12 | 20 | 50 | S.002.20 | 20 | 3/4" F. | E.640.22 | 20 | 50 | S.002.20 | 20 | 3/4" F. |
| E.640.14 | 40 | 100 | S.004.99 | 40 | 3/4" F. | E.640.24 | 40 | 100 | S.004.99 | 40 | 3/4" F. |
| E.640.15 | 56 | 140 | S.009.20 | 20 | 1" F. | E.640.25 | 56 | 140 | S.009.20 | 20 | 1" F. |

DECOUPLING SEPARATOR OF OLD SYSTEM WITH NEW BOILER



The old system withholds sludge?



Fit an ANTARES "SEPACIR" circuit separator

For the installation of new boilers on old heating systems. With time, inside heating systems there are deposits of dirt and sludge created by the crystallization of minerals present in water. To avoid for this grime to damage your new boiler, it is necessary to install a circuit separator on the old heating system with that of the boiler by installing an adequate heat exchanger.

In order to make this operation simple **ANTARES** has actualized as a small cabinet a separator "SEPACIR" especially conceived very compact in order to install under the wall boiler in two versions:

- **Complete** with expansion vessel: (dimensions: see quotes listed below for each model).
 - **Reduced:** without the expansion vessel to be installed elsewhere, above present boiler with relevant piping or elsewhere. (dimensions. H=604mm – L=379mm).
- Although the item is compact it can also be installed elsewhere.



Art. E.670.0-

Art. E.670 - "SEPACIR" circuit decoupler separator with covering casing. Connections: 3/4" per heating and 1/2" for circuit power supply.

Composed of the following components:

- Steel plate heat exchanger;
- Energy class "A" 6 mt head pump;
- Expansion vessel ;
- Safety valve 3 bar;
- Capillary manometer;
- Circuit feeding tap;
- 4 ball valves;
- Optional dirt separator
- Automatic deaerator;
- 4 extendible steel flexes 3/4"
- N°1 extendible steel flex 1/2"

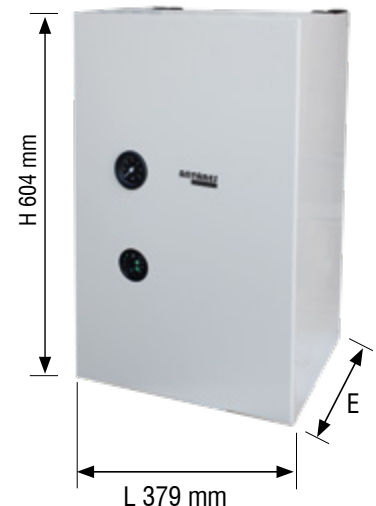
Model with fitted expansion vessel

| Without dirt separator | | | | With dirt separator | | | |
|------------------------|----------|------------|---------|---------------------|----------|------------|---------|
| Order code | Power KW | Vessel lt. | Depth E | Order code | Power KW | Vessel lt. | Depth E |
| E. 670.04 | 24 | 8 | 352 mm | E.670.08 | 24 | 8 | 352 mm |
| E. 670.02 | 32 | 10 | 352 mm | E.670.07 | 32 | 10 | 352 mm |

Lower model with outside vessel supplied

| Without dirt separator | | | | With dirt separator | | | |
|------------------------|----------|------------|---------|---------------------|----------|------------|---------|
| Order code | Power KW | Vessel lt. | Depth E | Order code | Power KW | Vessel lt. | Depth E |
| E. 670.34 | 24 | 8 | 182 mm | E. 670.57 | 24 | 8 | 182 mm |
| E. 670.52 | 32 | 10 | 182 mm | E. 670.58 | 32 | 10 | 182 mm |

Space encumbrance



Accessories, related and complementary items

Insulating shells for exchangers

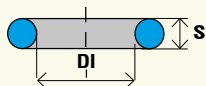


Art. S.017

Art. S.017 - Thermal insulation shell in polystyrene for brazed exchangers

| Order code | Suitable for type exchanger (internal containment measures) | Max. number of plates |
|------------|---|-----------------------|
| S.017.02 | S.002 (190 x 75) | from 14 to 20 |
| S.017.00 | S.004 (208 x 75) | from 12 to 20 |
| S.017.40 | S.004 (208 x 75) | from 20 to 40 |
| S.017.94 | S.009 (286 x 116) | from 20 to 40 |
| S.017.12 | S.008 (315 x 75) | from 12 to 20 |
| S.017.24 | S.008 (315 x 75) | from 24 to 40 |
| S.017.10 | S.010 (390 x 200) | from 30 to 40 |
| S.017.18 | S.010 (390 x 200) | from 50 to 80 |

Exchanger gaskets - quick fit



Art. F.497



Art. F.499

Art. F.497 - Pack of 10 NBR rubber O-rings for the coupling of the exchangers with quick couplings

| Sizes Ø DI - S | 7,65 x 1,78 | 9,19 x 2,62 | 11,91 x 2,62 | 13,6 x 2,7 | 15,54 x 2,62 |
|----------------|-----------------------------------|---|--------------|---|---|
| Order code | F.497.08 | F.497.70 | F.497.71 | F.497.65 | F.497.75 |
| Compatible | Ariston - Baxi Chaffoteaux - Sime | Ariston - Baxi Chaffoteaux - Sime | Baxi | -- | Ariston - Baxi Chaffoteaux - BSG - Sime |
| Sizes Ø DI - S | 16 x 2,0 | 17,86 x 2,62 | 18,3 x 3,6 | 23,47 x 2,62 | |
| Order code | F.497.55 | F.497.57 | F.497.54 | F.497.56 | |
| Compatible | -- | Ariston - Baxi Chaffoteaux - BSG - Sime | -- | Ariston - Baxi Chaffoteaux - BSG - Sime | |

Art. F.499 - Pack of 8 grooved NBR rubber gaskets with double lip for coupling the exchangers with quick couplings.

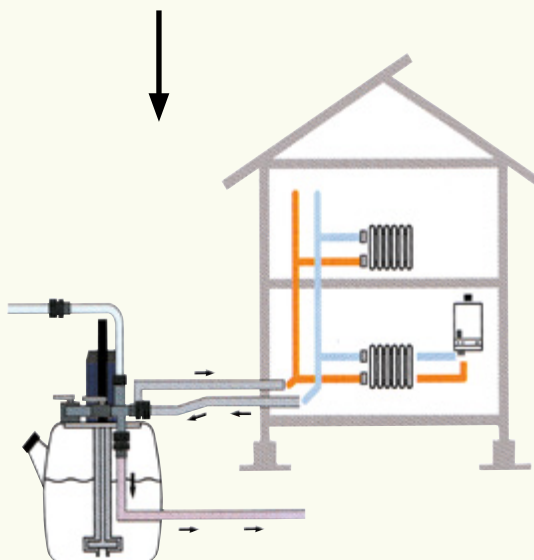
| Order code | Dimensions De + Di + S | Compatible for |
|------------|------------------------|---------------------------------|
| F.499.00 | 19 x 11.5 x 8.5 | Various types of boilers |
| F.499.01 | 22 x 13.75 x 5.9 | Vaillant |
| F.499.02 | 25 x 15 x 8 | Vaillant - Immergas - Viessmann |
| F.499.03 | 27 x 17 x 8 | Viessmann |
| F.499.04 | 28 x 17 x 8.2 | Various types of boilers |

Descaling liquids and pumps



Art. F.440.30

Installation example:



Art. F.440.30 - Descaling pump "MAXCLEAN" entirely in plastic material, inserted firmly on top an appropriate liter tank. 36. Of great performance it is suitable for descaling and cleaning everything the heating system including coils and heat exchangers. Eliminates circulation problems of water caused by accumulations of sludge, deposits, corrosion and limescale. It is equipped with a flow inverter which allows you to attack limescale and dirt dirt in both directions.

230 Vac motor - 0.29 kW - Protection IP55. Flow rate lt./h 2,880. Max. head 1.5 bar. Weight 11 kg. Dimensions: h 63 x L 35 x D 35. Complete with flexible hoses connection and fittings.



Art. F.446.00

Kit for descaling exchangers plate with connection via o-rings.

Suitable for descaling the primary circuit e secondary. Made of anti-acid material and complete with o-ring gaskets.

← Application example



Art. F.450

Tank of acid-based "Disinex" descaling liquid for the removal of calcareous or siliceous encrustations from the pipes e closed circulation systems of boilers and heat exchangers. For aluminum or galvanized surfaces we recommend using the product "Zinconex" Art. F.453.

| | | | |
|-------------|----------|----------|----------|
| Tank of lt. | 5 | 10 | 25 |
| Order code | F.450.05 | F.450.10 | F.450.25 |



Art. F.453

Drum of "Zinconex" powder descaler suitable for thermal and cooling systems with galvanized or aluminum surfaces.

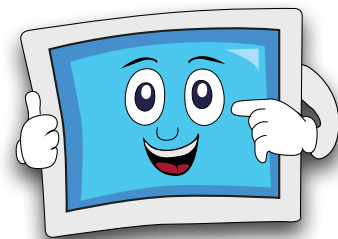
| | | |
|-------------|----------|----------|
| Drum of Kg. | 1 Kg. | 5 Kg. |
| Order code | F.453.10 | F.453.50 |

Art. F.455.05



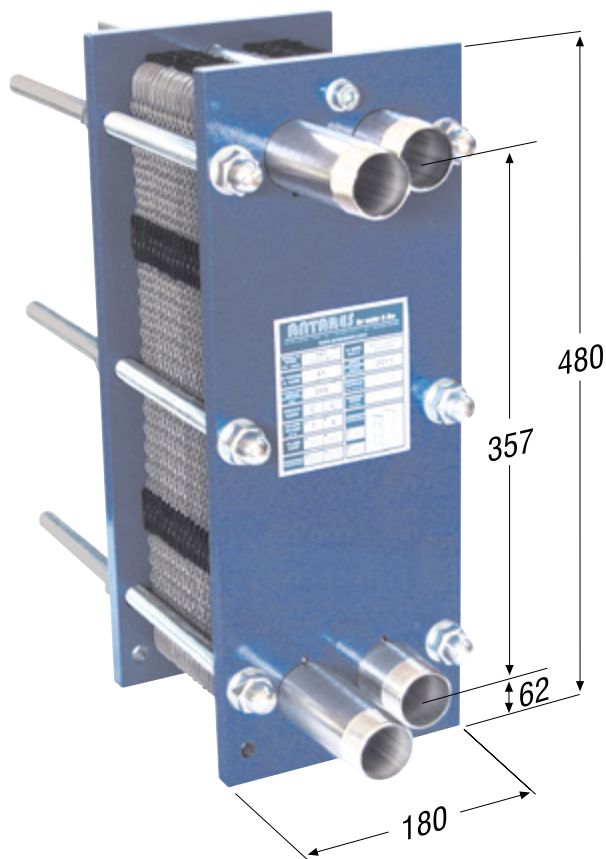
Tank of lt. 5 of liquid neutralizing residual acidity present after the descaling processes in the treated systems.

Visit our website



www.antaresint.com

Inspectionable instantant heat exchangers



Art. S.030

Manners of use

- Production of hot sanitary water through:
 - Boilers for environment heating
 - Solar system with primary circuit containing glycol anti-freeze
- Solar systems integrated by boilers
- Heating swimming pools
- Supply from public mains
- Combination of open circuit boilers with closed circuit installations
- Industrial application



Note: the data is explanatory, the value Kw is in relation with Δt (difference between the incoming temp. and outgoing temp. of the secondary circuit) the value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

“AlfaMax” type AM3 instantaneous heat exchanger with removable stainless steel plates.

Made up of AISI 316 stainless steel plates and NBR gaskets - Connections with 1 1/4" M stainless steel stubs. - Also suitable for swimming pools (chlorinated water) and for the passage of water with glycol-based antifreeze. It allows the production of hot water in the quantity shown below based on the temperatures of: Primary circuit 70°C minimum - Secondary circuit with inlet at 15°C and outlet at 50°C (Δt 35°C). Technical documentation downloadable in PDF from the website - Can be combined for greater potential with parallel connection.

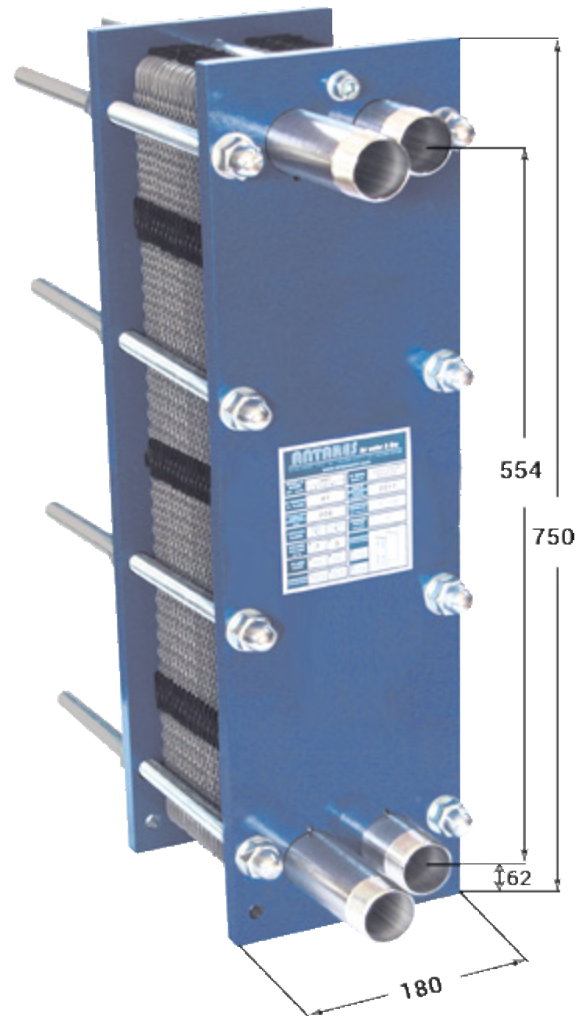
Heat exchange surface for each plate $m^2=0.034$ (number of plates - 1) - max operating pressure = 10 bar - Content volume per channel: 0.19 l (number of plates - 1)

| Art. Codice | Number of plates | Surface thermal exchange m ² | Secondary Circuit lt/h | Primary Circuit | | |
|-------------|------------------|---|------------------------|-----------------|----------------|------------------------------|
| | | | | Heat Load KW | Flow rate lt/h | Head loss m H ₂ O |
| S.030.07 | 7 | 0.20 | 600 | 23 | 800 | 2.1 |
| S.030.09 | 9 | 0.27 | 900 | 37 | 1300 | 2.1 |
| S.030.11 | 11 | 0.34 | 1200 | 50 | 1700 | 2.5 |
| S.030.13 | 13 | 0.41 | 1500 | 62 | 2100 | 3.0 |
| S.030.15 | 15 | 0.48 | 1800 | 75 | 2500 | 3.0 |
| S.030.21 | 21 | 0.68 | 2400 | 100 | 3400 | 3.1 |
| S.030.23 | 23 | 0.75 | 2700 | 112 | 3800 | 3.1 |
| S.030.25 | 25 | 0.82 | 3000 | 124 | 4200 | 3.1 |
| S.030.29 | 29 | 0.95 | 3600 | 148 | 5000 | 3.2 |
| S.030.31 | 31 | 1.02 | 3800 | 155 | 5300 | 3.2 |
| S.030.35 | 35 | 1.16 | 4200 | 170 | 5900 | 3.2 |
| S.030.37 | 37 | 1.22 | 4500 | 186 | 6300 | 3.2 |
| S.030.41 | 41 | 1.36 | 5000 | 206 | 7000 | 3.2 |
| S.030.49 | 49 | 1.63 | 6000 | 248 | 8400 | 3.3 |
| S.030.53 | 53 | 1.77 | 6500 | 266 | 9000 | 3.4 |
| S.030.57 | 57 | 1.90 | 7000 | 287 | 9700 | 3.5 |
| S.030.61 | 61 | 2.04 | 7600 | 310 | 10500 | 3.6 |
| S.030.65 | 65 | 2.18 | 8160 | 335 | 11400 | 3.6 |
| S.030.69 | 69 | 2.31 | 8760 | 360 | 12200 | 3.7 |
| S.030.73 | 73 | 2.45 | 9360 | 385 | 13100 | 3.7 |
| S.030.77 | 77 | 2.58 | 9900 | 410 | 13900 | 3.8 |

Fields of application

- Production of hot sanitary water through:
 - Boilers for environment heating
 - Solar system with primary circuit containing glycol anti-freeze
- Solar systems integrated by boilers
- Heating swimming pools
- Supply from public mains
- Combination of open circuit boilers with closed circuit installations
- Industrial application

Art. S.031



Note: the data is explanatory, the value Kw is in relation with Δt (difference between the incoming temp. and outgoing temp of the secondary circuit) the value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

“AlfaMax” type AM5 instantaneous heat exchanger with removable stainless steel plates.

Made up of AISI 316 stainless steel plates and NBR gaskets - Connections with 2” M stainless steel stubs. - Also suitable for swimming pools (chlorinated water) and for the passage of water with glycol-based antifreeze. It allows the production of hot water in the quantity shown below on the base of temperatures of: Primary circuit 70°C minimum - Secondary circuit with inlet at 15°C and outlet at 50°C (Δt 35°C). Technical documentation downloadable in PDF from the website - Can be combined for greater potential with parallel connection.

Heat exchange surface for each plate $m^2=0.063$ (number of plates - 1) - max operating pressure = 10 bar - Content volume per channel: 0.24 l (number of plates - 1)

| Art. code | Number of plates | Surface thermal exchange m^2 | Secondary Circuit lt/h | Primary Circuit | | |
|-----------|------------------|--------------------------------|------------------------|-----------------|----------------|--------------------|
| | | | | Heat Load KW | Flow rate lt/h | Head loss $m H_2O$ |
| S.031.31 | 31 | 1.89 | 7000 | 287 | 13500 | 3 |
| S.031.37 | 37 | 2.27 | 8500 | 345 | 16300 | 3.1 |
| S.031.45 | 45 | 2.77 | 10400 | 421 | 19900 | 3.5 |
| S.031.51 | 51 | 3.15 | 11700 | 478 | 22500 | 3.7 |
| S.031.57 | 57 | 3.53 | 13200 | 537 | 25300 | 4.3 |
| S.031.65 | 65 | 4.03 | 15000 | 613 | 28800 | 4.3 |
| S.031.71 | 71 | 4.41 | 16500 | 670 | 31600 | 4.3 |
| S.031.77 | 77 | 4.78 | 17900 | 727 | 34400 | 4.3 |

Our office will be glad to supply any further tech, information available

uk@antaresint.com

Standard materials

Stem

Varnished carbon steel
BLUE-RAL5002

Plates

Stainless steel: AISI 316

Washers

Elastomer: NBR not glued

Connections

threaded male tubes 1 1/4"
stainless steel

Stay rods

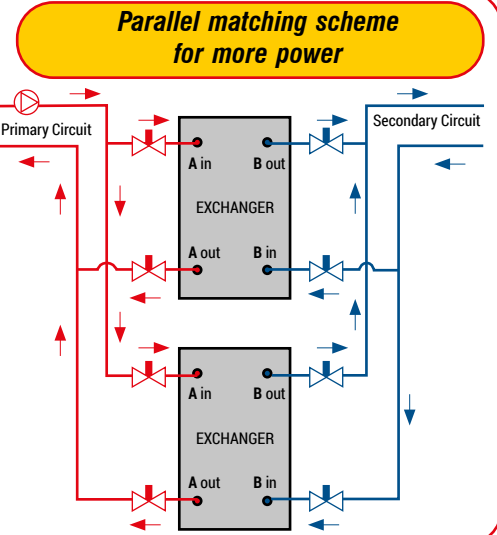
threaded steel bars

type A193 - B7

Approx weight kg: 16.3+0.37
for number of plates

ADVANTAGES OF PLATE HEAT EXCHANGER

- 1) **Modulus:** just add or remove plates to modify the yield of the system, without problems of having to change connections or piping.
- 2) **Compactness:** considering the encumbrance in comparison to a water heater the ratio is approx. 10%.
- 3) **Maintenance:** the heat exchanger can be easily and rapidly disassembled for cleaning operations and inspection.
- 4) **Efficiency:** in the configuration 1 x 1 the thermal exchange occurs in perfect flow conditions.
- 5) **Safety:** the washer prevent the fluids mixing.
- 6) **Easy to transport**
- 7) **Easy to disassemble and clean**
- 8) **Life span:** the plates in AISI 316 steel are invulnerable to external agents.



Examples of explanatory installations

System description

Instant system

Very compact installation used when the heat load covers the needs.

For selecting AM3 -S.030

See below

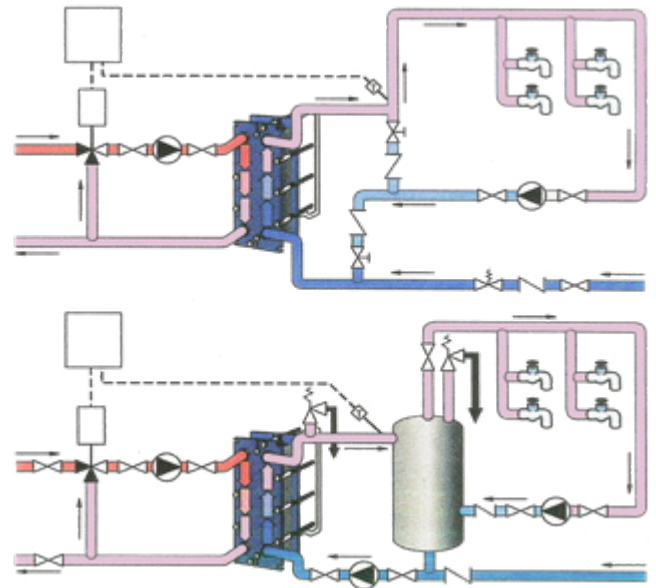
Semi-instant system

Installation that foresees an accumulation tank to reduce the heat load of the boiler and to provide for peak needs.

For selecting AM3 -S.030

+ accumulation tank

See below



Selecting type AM3 through graphic drawing

EXAMPLE

Instant system

Request for 3 m³/h sanitary water.

Start from point (A).

Rise up to the instant curve point (B) and then through the central axis of power (122 kW) to the left to point (C) and below to point (D) to locate mod. AM3 25 plates.

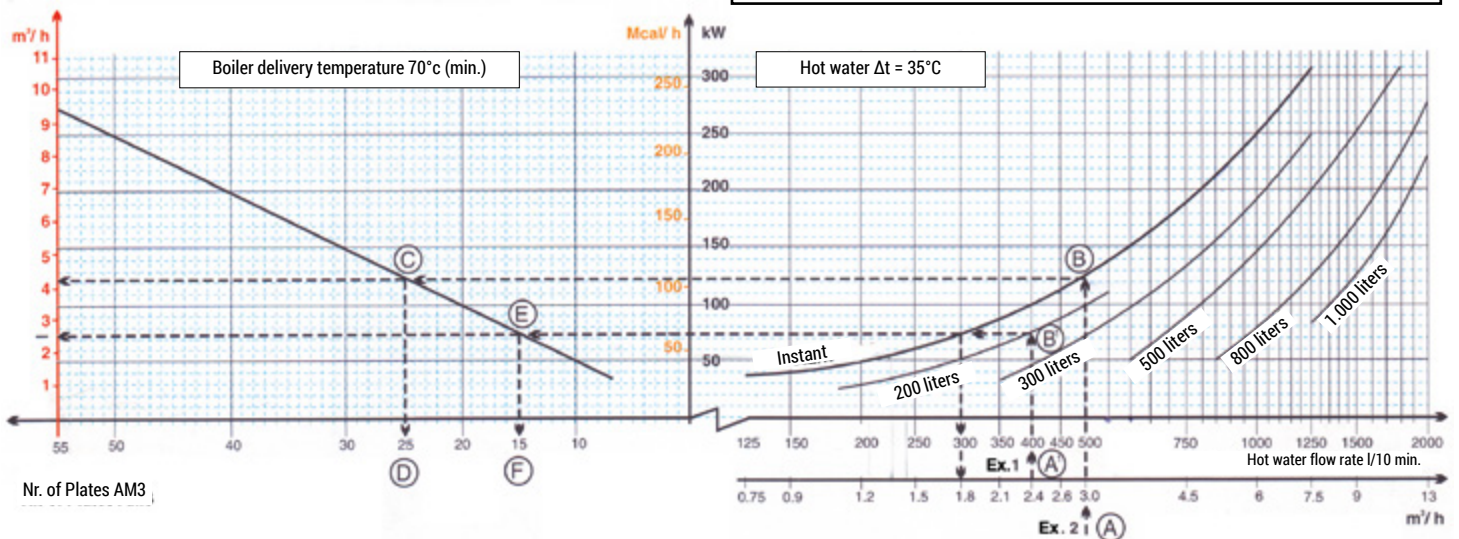
EXAMPLE

Example semi-instant system with accumulation tank

Request for 400 lt/10 min. sanitary water.

Start from point (A').

Rise up to the accumulation curve desired (200l) point (B') and then through the central axis of power (75 kW) to the left to point (E) and below to point (F) to locate the mod. AM3 15 plates.



From the website you can download detailed tech. data sheets for various uses with different Δt .

www.antaresint.com



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