



Plate Heat exchangers

Guidelines towards choice and substitution

Up date to 10/2022



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:

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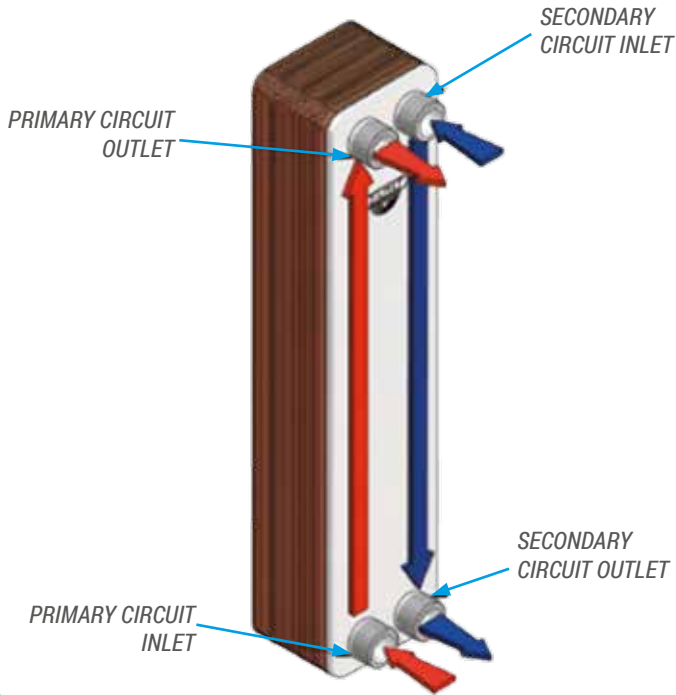
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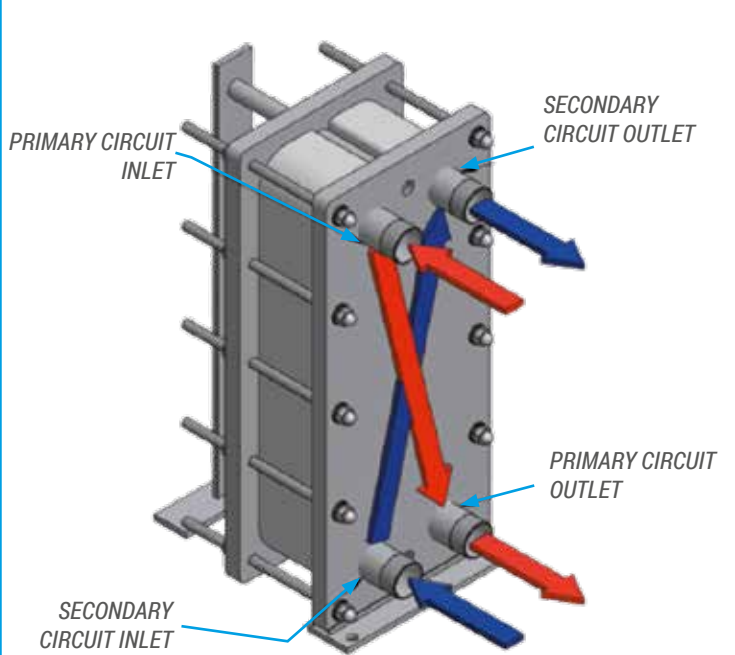
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Connections and definitions

Parallel flows



Crossed flows



Standard size heat exchangers with threaded connections and rapid connections for small flows

Dimensional drawing 190 x 75

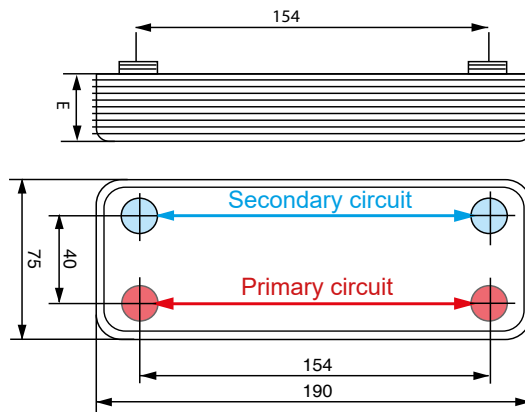
With threaded connections

For parallel flows

Threaded connections



Art. S.002



Art. S.002 - ALFAMAX type SW 190 x 75 instant brazed-plates in steel heat exchanger. Threaded conn. Compatible ALFALAVAL BP10, SWEP E5N and ZILMET ZB190.

- Heating circuit
- Sanitary circuit

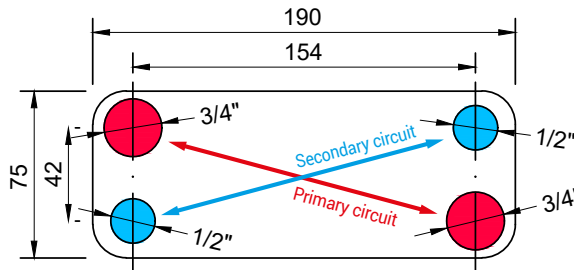
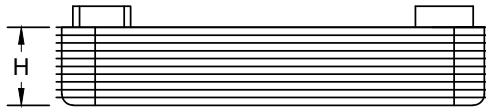
To supply boilers with production of hot sanitary water. Max. pressure 10 bar. Absorption data is here below reported calculated in function of the following temperatures; primary circuit 80°C / 60°C - secondary circuit 15°C / 50°C.

Order code	Number of plates	Threaded connections		Compatible for boilers	Absorption KW	Charge loss	Dimensions mm E
		● C. primary	● C. secondary				
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

For crossed flows



Art. S.018



Art. S.018 - ALFAMAX type SW 190 x 75 instantaneous exchanger with brazed stainless steel plates with crossed flows and 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

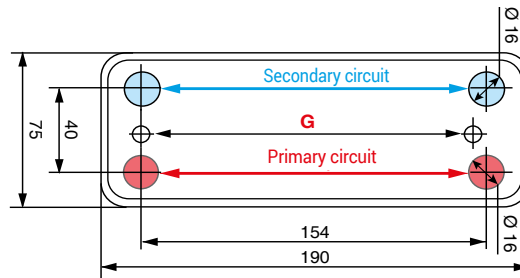
With rapid connections

For parallel flows

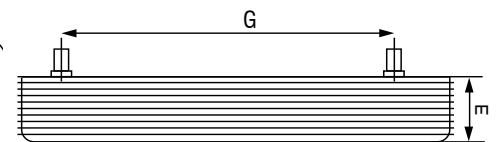
Rapid stud connections



Art. S.003



- Heating circuit
- Sanitary circuit



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

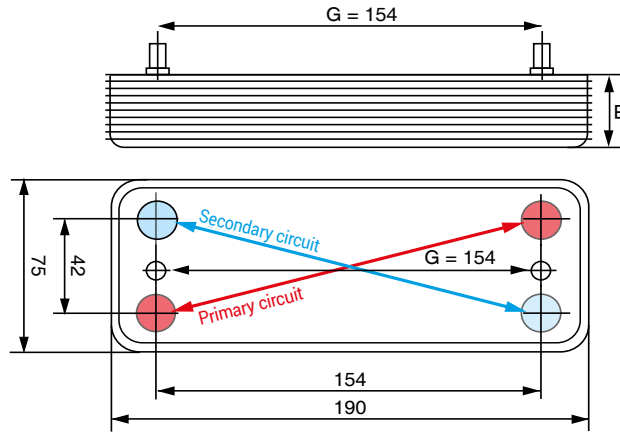
Order code	Number of plates	Compatible for boilers	Dimensions mm	
			E	G*
S.003.92	12	ARISTON, CHAFFOTEAUX, MTS	33,9	142
S.003.94	14	ARISTON, CHAFFOTEAUX, MTS	38,4	142
S.003.96	16	ARISTON, CHAFFOTEAUX, MTS	42,9	142
S.003.80	10	ARCA, BALTUR, CHAFFOTEAUX/Calydra, RHOSS, SANT'ANDREA, SAVIO, VIESSMANN, Other 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, VIESSMANN, 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, VIESSMANN, Other brands recognisable by dimensions and number of plates	51,8	148
S.003.76	26	VIESSMANN, 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" type SW 190x75 instantaneous cross-flow brazed stainless steel plate heat exchanger. Distance between centers of stud connections 154 mm. As a replacement for boilers.

- Heating circuit
- Sanitary circuit

Order code	Number of plates	Compatible for 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

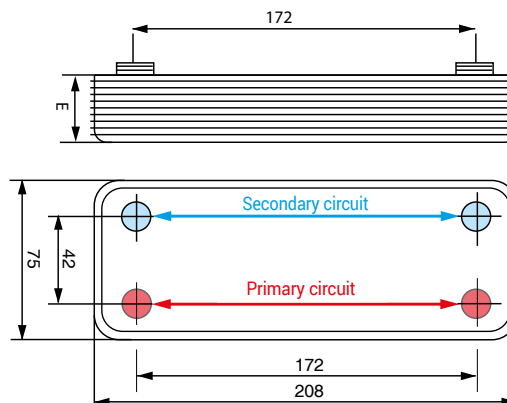
Dimensional drawing 208 x 75 for parallel flows

With threaded connections

Threaded connections



Art. S.004



Art. S.004 - ALFAMAX instantaneous steel brazed plate heat exchanger type XS 208 x 75. Threaded connections. Compatible ALFALAVAL CB14, SWEP and ZILMET.

- Heating circuit
- Sanitary circuit

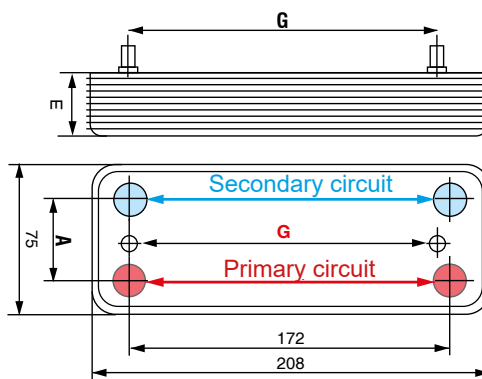
To equip boilers with production of hot sanitary water. Max pressure: 10 bar. Absorption data listed below is calculated bearing in mind the following temp: primary circuit 80°/60°C - secondary circuit: 15/50°C.

Order code	Number of plates	Compatible for boilers	Connections		Absorption KW	Charge loss	Dimensions mm E
			● C. primary	● C. secondary			
S.004.52	12	VAILLANT VCW + KIT fittings, VAILLANT VMW + KIT, CHAFFOTEAUX + 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 rapid stud connections



Art. S.005



Art. S.005 - Heat exchanger ALFAMAX type XS 208 X 75 welded brazed plates in stainless steel with rapid stud connection. For boiler spares. Compatible ALFAVAL CB14, SWEP and ZILMET.

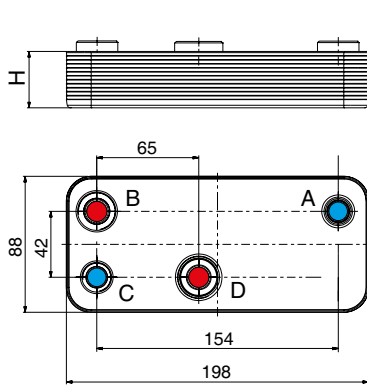
- Heating circuit
- Sanitary circuit

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), CHAFFOTEUX (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), CHAFFOTEUX (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

Dimensional drawing 198 x 88 for parallel flows

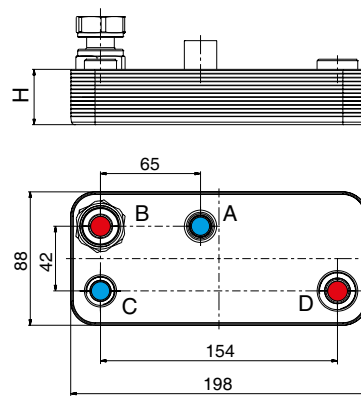
With threaded connections



Drawing n.0



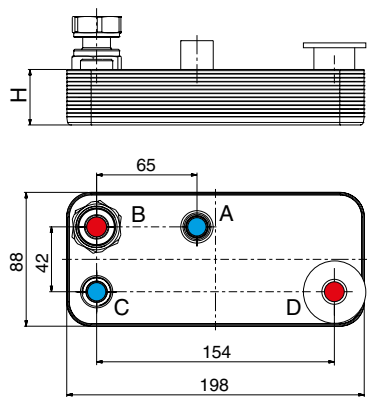
Art. S.006.0-



Drawing n.1



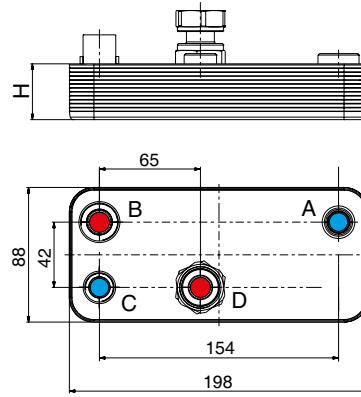
Art. S.006.1-



Drawing n.2



Art. S.006.2-



Drawing n.3



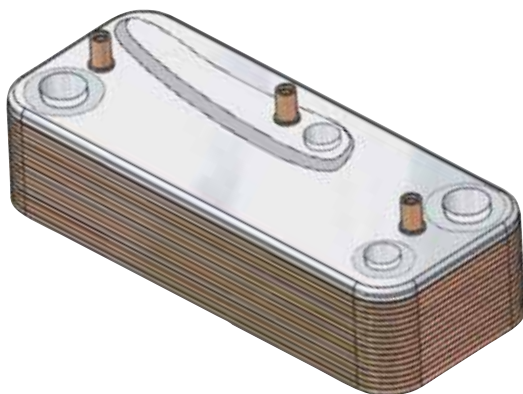
Art. S.006.3-

Art. S.006 - Heat exchanger with welded brazed stainless steel plates "ALFAMAX" for spares in boilers.

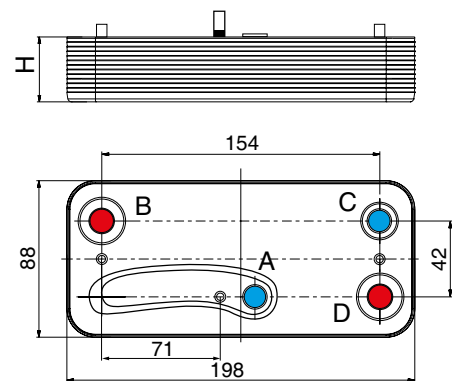
● Heating circuit ○ Sanitary circuit

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
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.006.35	15	40,6
						S.006.37	17	45,1

With rapid stud connection



Art. S.007.5-



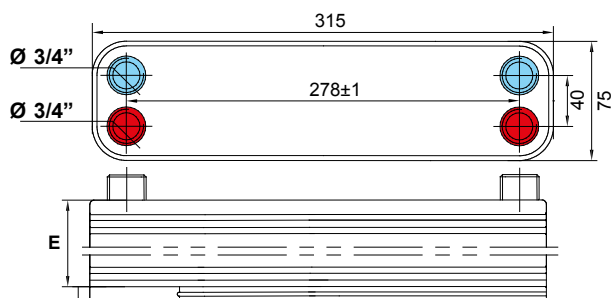
Drawing n.5

Art. S.007 - Heat exchanger with welded brazed stainless steel plates "ALFAMAX" for spares in boilers. Rapid inserts mod. 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

Dimensional drawing 315 X 75 for parallel flows

With coplanar threaded connections



Art. S.008

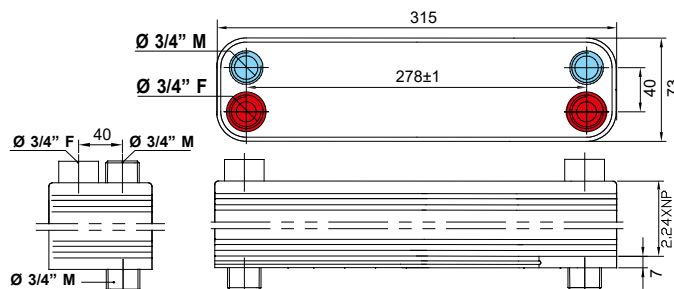
Art. S.008 - ALFAMAX instant brazed plate steel AISI 304 heat exchanger for large and parallel flows. Connections M.

- Surface exchange for every plate: 0,023 m² x number of plates - 2.
- Water capacity per channel: 0,04 lt. x number of plates - 1 - Pressure max 30 bar.

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

Order code	Number of plates	Surface thermal exchange m ²	Potential KW	"E"	Primary (Water 80/70°C)		Secondary (Water 60/70°C)	
					Flow rate m ³ /h	Charge loss H ₂ O m	Flow rate m ³ /h	Charge 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
S.008.50	40	0,87	40	89,60	3,56	2,9	3,53	2,8

With opposing threaded connections



Art. S.008

Art. S.008 - ALFAMAX instant brazed plate steel AISI 304 heat exchanger for large and parallel flows. Connections M.

- Surface exchange for every plate: 0,023 m² x number of plates - 2.
- Water capacity per channel: 0,04 lt. x number of plates - 1 - Pressure max 30 bar.

Model with counter 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	Potential KW	"E"	Primary (Water 80/70°C)		Secondary (Water 60/70°C)	
					Flow rate m ³ /h	Charge loss H ₂ O m	Flow rate m ³ /h	Charge 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 primary and secondary circuit). The value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

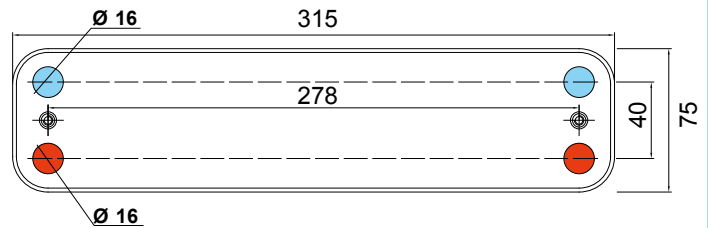
With coplanar rapid connections

Dimensional drawing 315x75



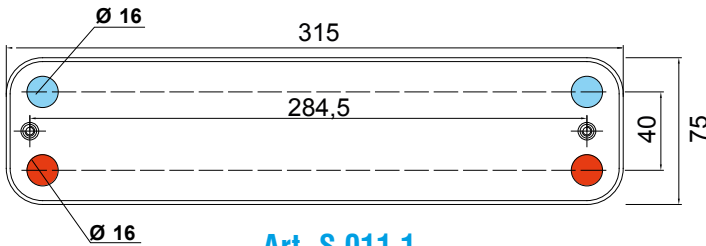
Art. S.011.--

Drawing stud "A" (SIME)



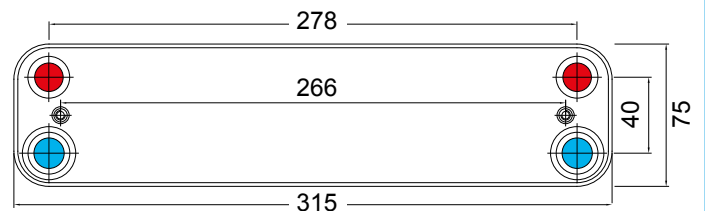
Art. S.011.0-

Drawing stud "B" (SIME - IMAR)



Art. S.011.1-

Drawing stud "C" (ATAG)

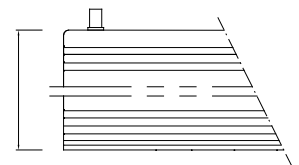


Art. S.011.3-

Art. S.011 - ALFAMAX welded brazed plate heat exchanger type XS 315 X 75 in stainless steel with rapid connection to studs. Spare for boilers. Compatible ALFALAVAL, ZILMET e 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"



+39 0583 473701

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FOR CODES OR PRODUCTS YOU CANNOT FIND, CONTACT US.

Heat exchangers for medium and large flows of parallel flows with threaded connections

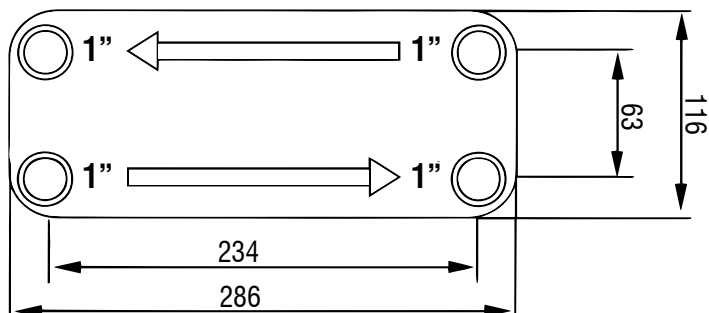
Dimensional drawing 286 x 116



Art. S.009

ESPECIALLY INDICATED FOR:

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



Art. S.009 - ALFAMAX instant brazed plate steel AISI 304 heat exchanger for large and parallel flows. Connection 1" M.

- Surface exchange for every plate: $0.027 \text{ m}^2 \times \text{number of plates} - 2$.
- Water capacity per channel; $0.05 \text{ lt.} \times \text{number of plates} - 1$ - Pressure max 30 bar.

Order code	Number of plates	Surface thermal exchange m^2	Potential KW	Primary (Water 80/70°C)		Secondary (Water 60/70°C)	
				Flow rate m^3/h	Charge loss $\text{m H}_2\text{O}$	Flow rate m^3/h	Charge loss $\text{m H}_2\text{O}$
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

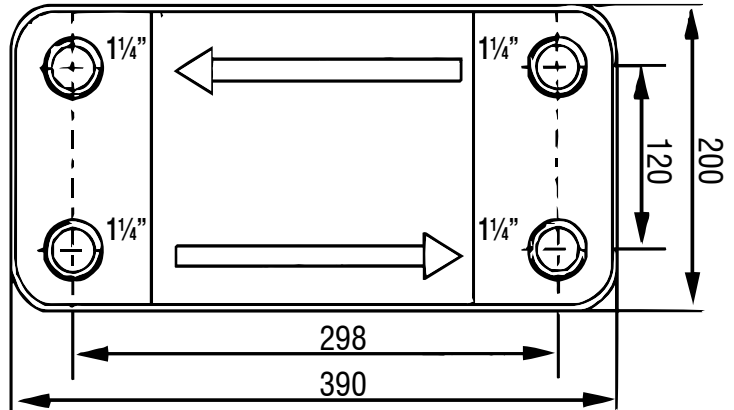
Important:

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

Dimensional drawing 390 x 200



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



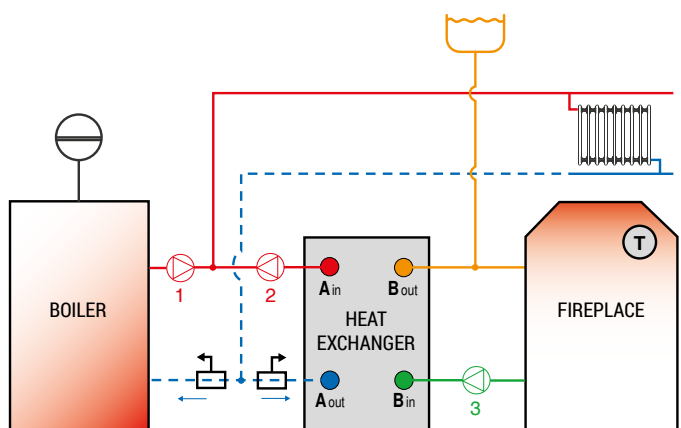
Art. S.010

S.010 - ALFAMAX instant brazed steel plate heat exchanger for large and parallel flows. Connections 1 1/4" M.

- Surface exchange for every plate: $0.063 \text{ m}^2 \times \text{number of plates} - 2$
- Amount of water contained per channel: $0.15 \text{ lt.} \times \text{number of plates} - 1$ - Max pressure 30 bar.
- Especially indicated for combining open circuits (solid fuel boilers) with closed circuits (mod. in steel AISI 304) and for heating pools (mod. in steel AISI 316).

Order code	Stainless steel type	Connection Ø	Number of plates	Surface thermal exchange m^2	Potential KW	Primary (Water 70/60°C)		Secondary (Water 55/65°C)	
						Flow rate m^3/h	Charge loss $\text{m}^3 \text{H}_2\text{O}$	Flow rate m^3/h	Charge loss $\text{m}^3 \text{H}_2\text{O}$
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 **T** can switch on pump 2 and 3 and exclude the boiler and pump 1.

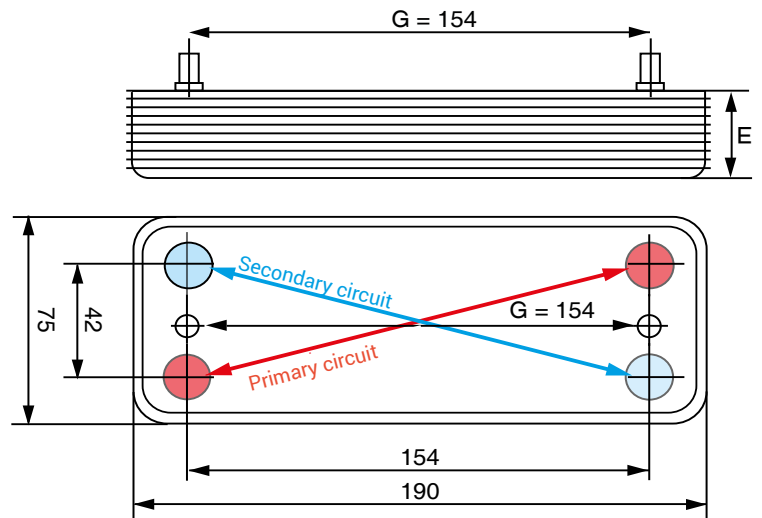
Heat exchangers with specific features for various boiler brands

ARCA - ROCA

Cross-flow



Art. S.015.--

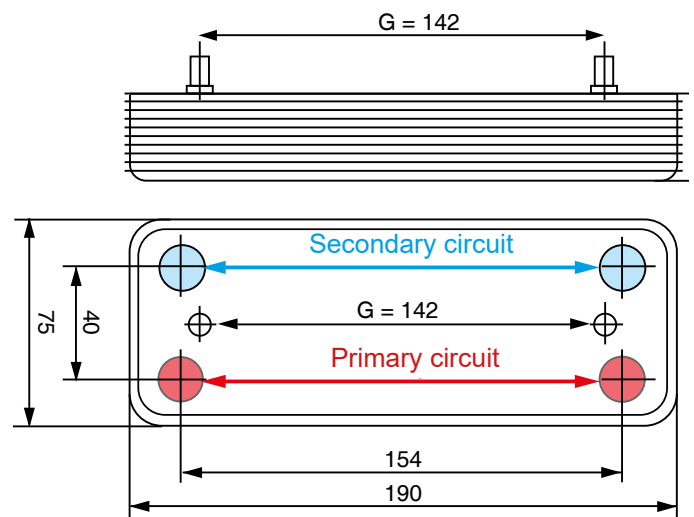


Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	12	S.015.12	42 - 154	16 - 14	154
190 x 75	Rapid connection	14	S.015.14	42 - 154	16 - 14	154
190 x 75	Rapid connection	22	S.015.22	42 - 154	16 - 14	154

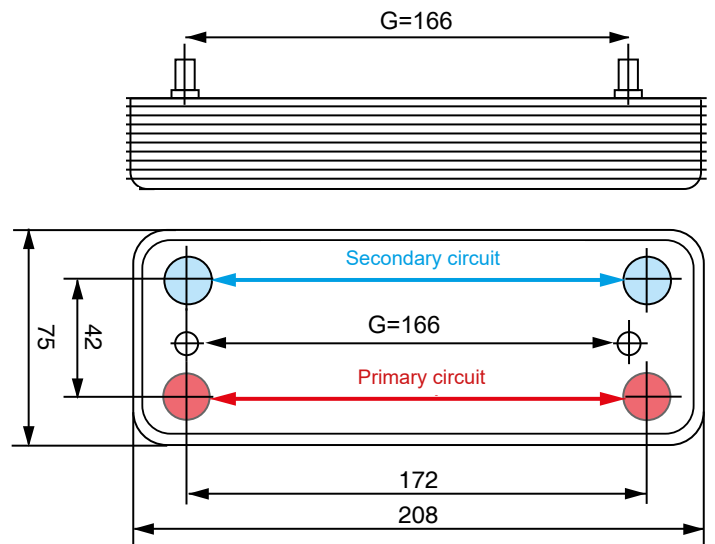
ARISTON/MTS



Art. S.003.9-



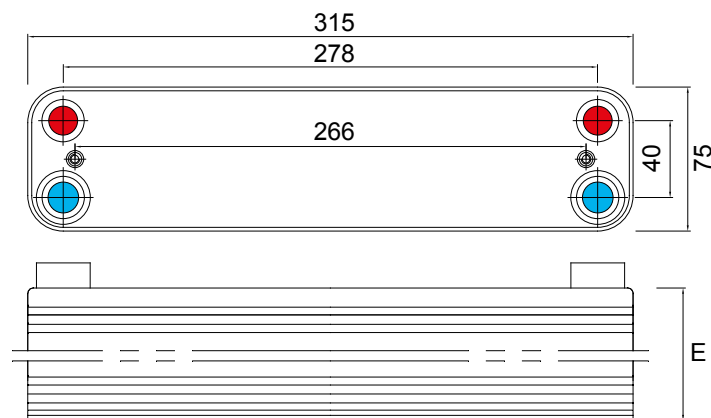
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	12	S.003.92	40 - 154	16 - 16	142
190 x 75	Rapid connection	14	S.003.94	40 - 154	16 - 16	142
190 x 75	Rapid connection	16	S.003.96	40 - 154	16 - 16	142



Art. S.005.6-

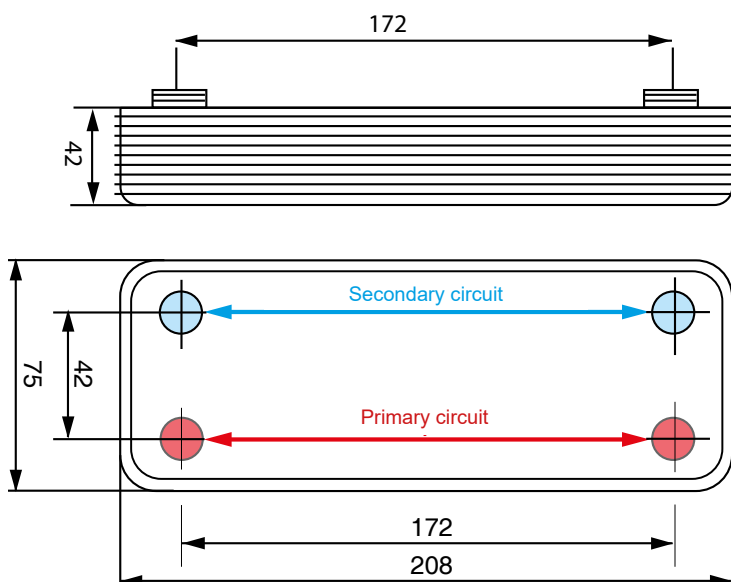
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Rapid connection	12	S.005.62	42 - 172	18 - 16	166
208 x 75	Rapid connection	14	S.005.64	42 - 172	18 - 16	166
208 x 75	Rapid connection	16	S.005.66	42 - 172	18 - 16	166

ATAG



Art. S.011.3

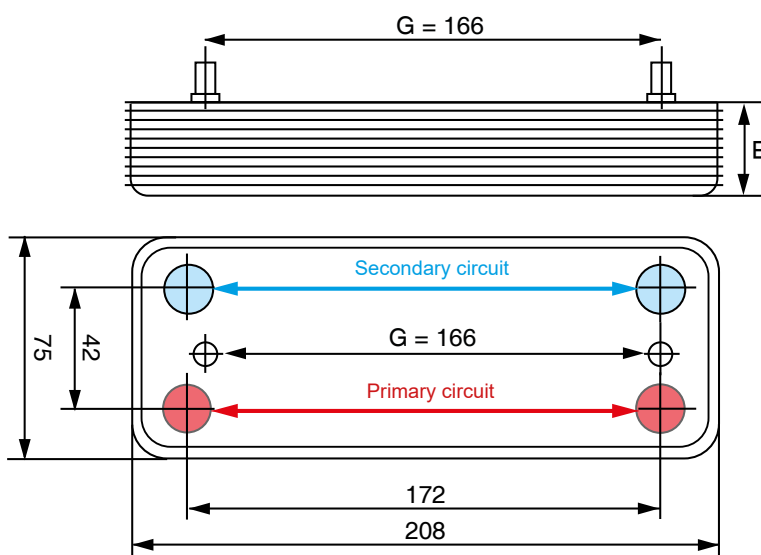
Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
315 x 75	Rapid connection	12	S.011.32	S4462400	40 - 278	15 - 22	266
315 x 75	Rapid connection	18	S.011.38		40 - 278	15 - 22	266



Art. S.004.76

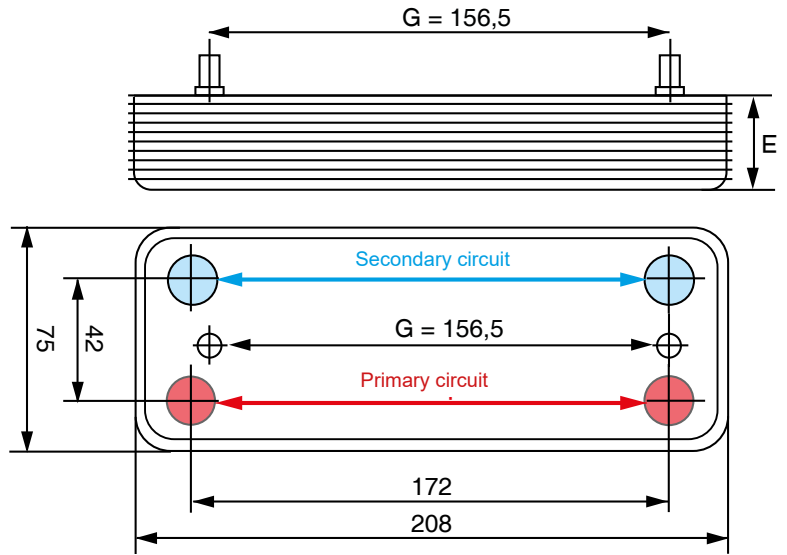
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Threaded	16	S.004.76	42 - 172	3/4" - 1/2"	-

BAXI



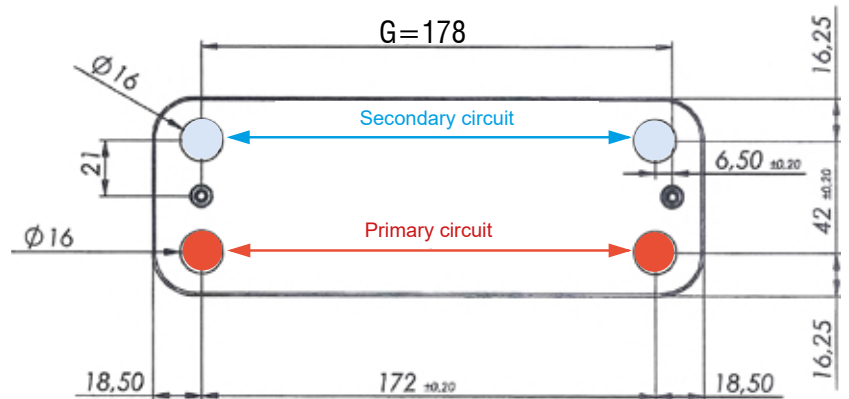
Art. S.005.4-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



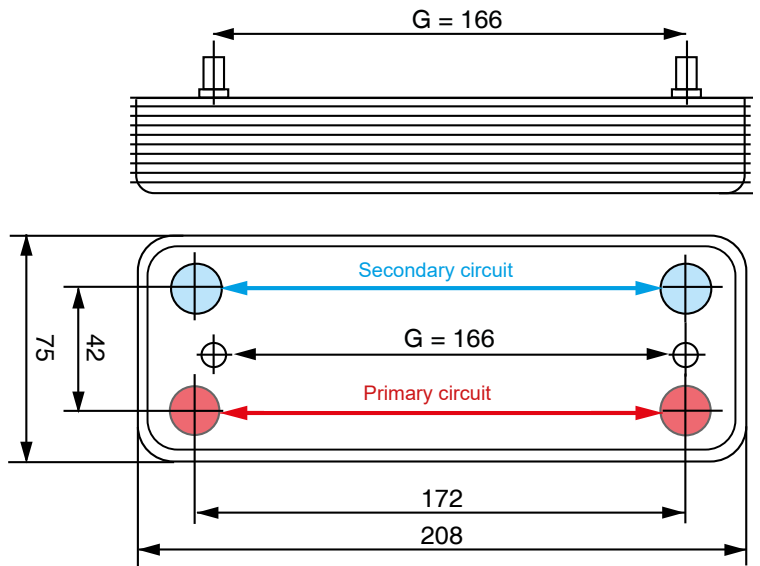
Art. S.005.8-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



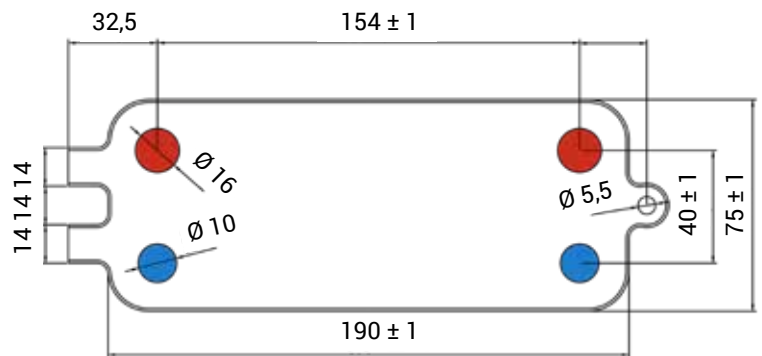
Art. S.005.7-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



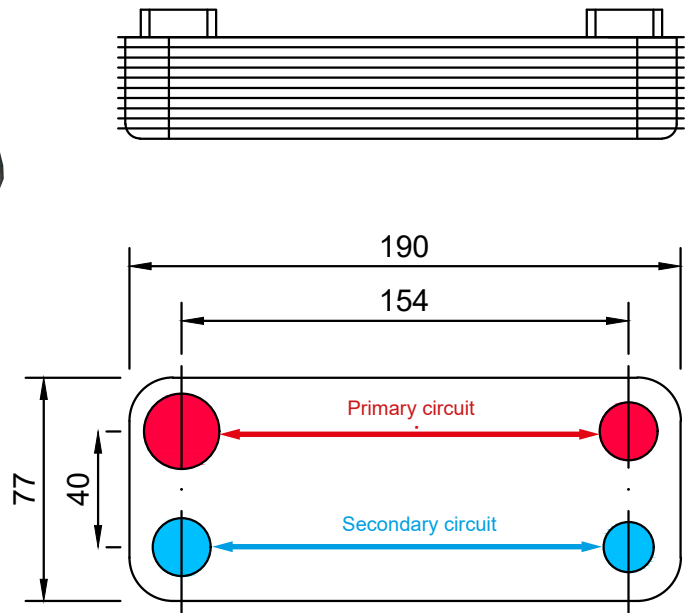
Art. S.005.7-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



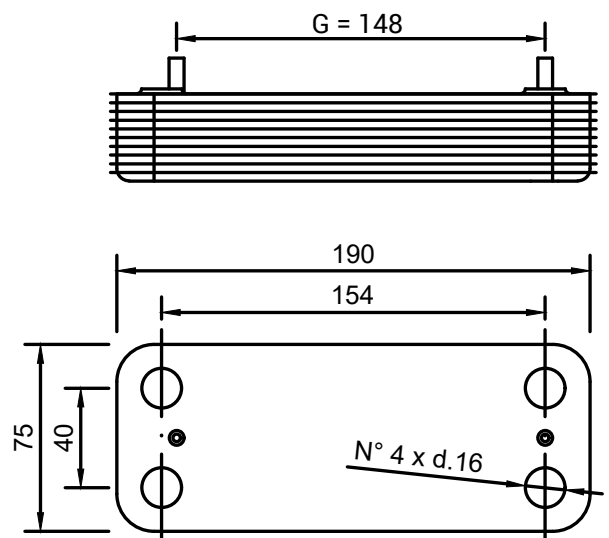
Art. S.095.--

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Fixing wings	16	S.095.16	40 - 154	16 - 10	-
190 x 75	Fixing wings	18	S.095.18	40 - 154	16 - 10	-
190 x 75	Fixing wings	20	S.095.20	40 - 154	16 - 10	-
190 x 75	Fixing wings	24	S.095.24	40 - 154	16 - 10	-



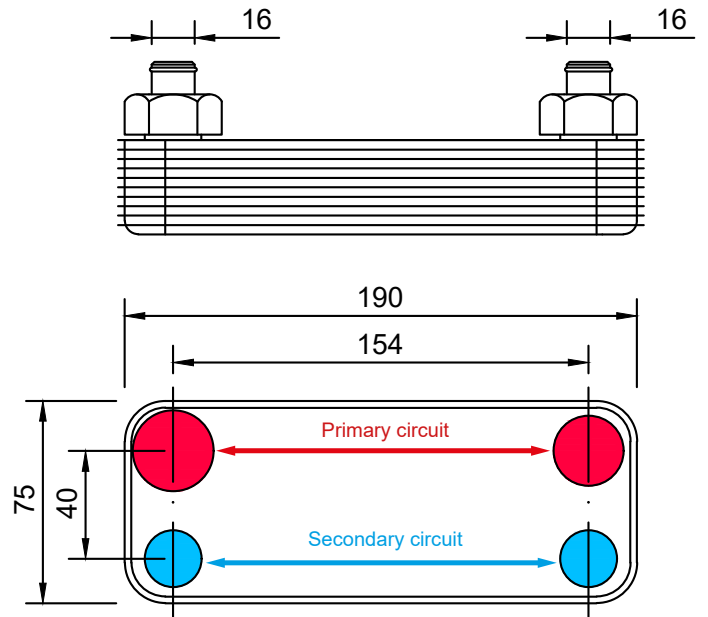
Art. S.012.5-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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.--

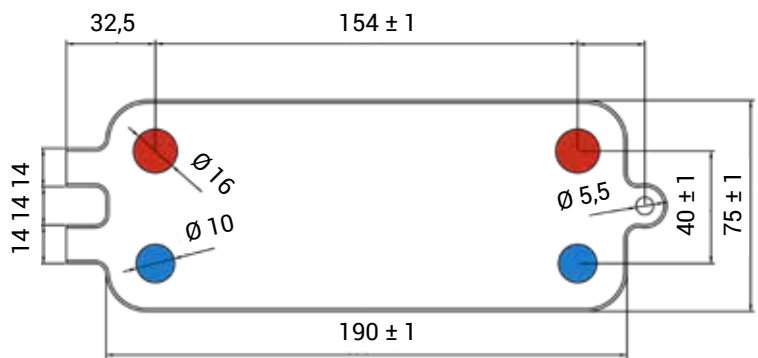
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	O-Ring	12	S.013.50	40 - 154	15,5 x 15,5	148
190 x 75	O-Ring	16	S.013.51	40 - 154	15,5 x 15,5	148
190 x 75	O-Ring	20	S.013.20	40 - 154	15,5 x 15,5	148



Art. S.014.15

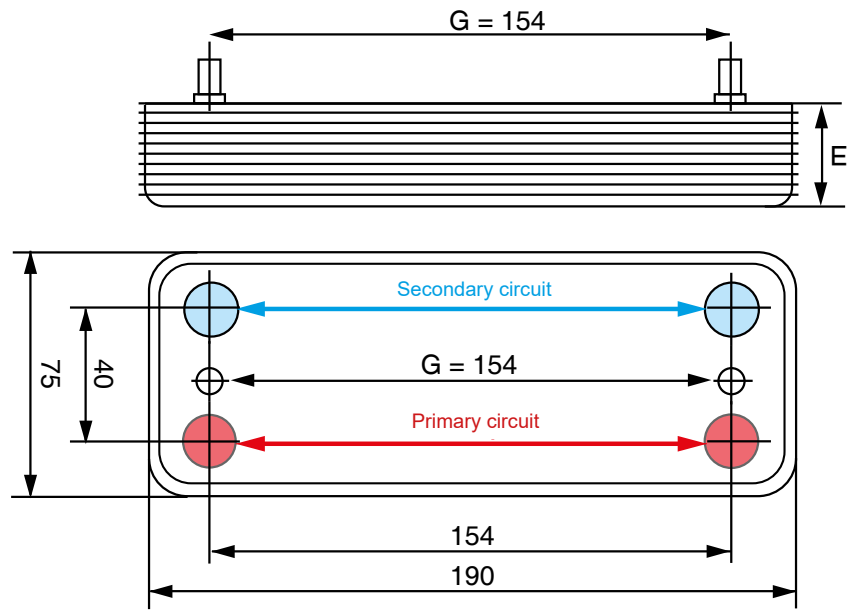
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	16	S.014.15	40 - 154	M 30 x 3/4" M Rapid connection Ø 16 with O-ring	-

BOSCH - JUNKERS - ELM LEBLANC



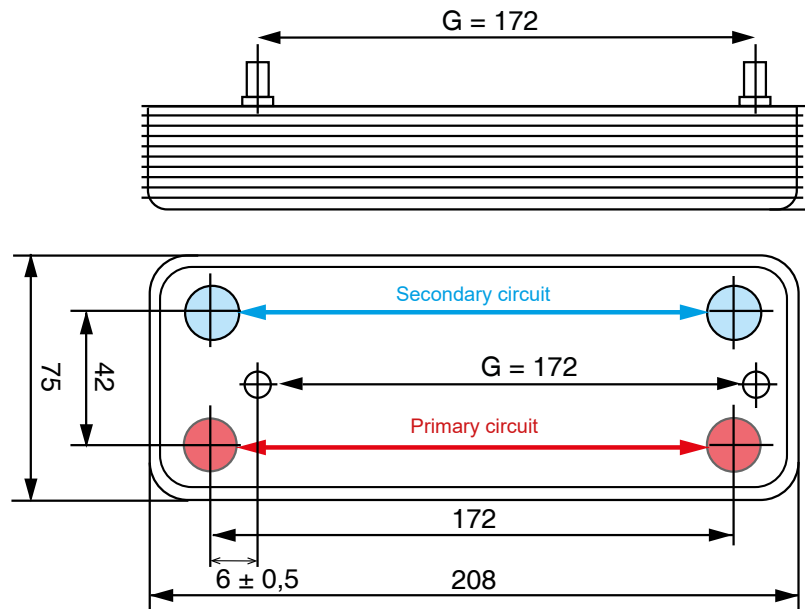
Art. S.095.--

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Threaded	16	S.095.16	40 - 154	16 - 10	-
190 x 75	Threaded	18	S.095.18	40 - 154	16 - 10	-
190 x 75	Threaded	20	S.095.20	40 - 154	16 - 10	-
190 x 75	Threaded	24	S.095.24	40 - 154	16 - 10	-



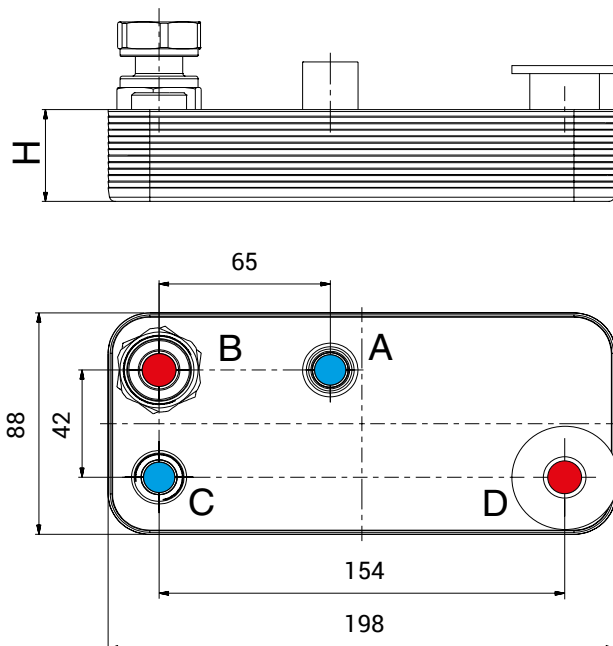
Art. S.003.42

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



Art. S.070

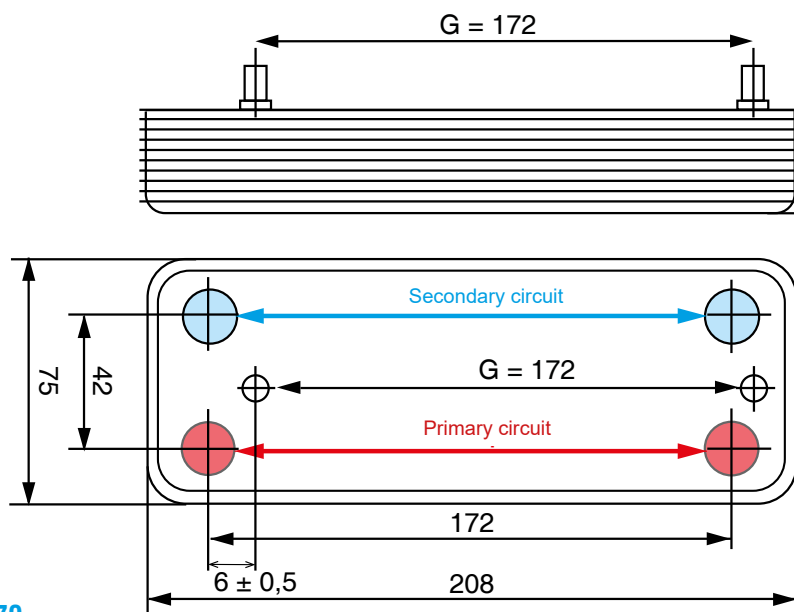
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Rapid connection	12	S.070.12	42 - 172	16 - 16	172
208 x 75	Rapid connection	14	S.070.14	42 - 172	16 - 16	172
208 x 75	Rapid connection	16	S.070.16	42 - 172	16 - 16	172
208 x 75	Rapid connection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



Art. S.006.2-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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	-

BULEX



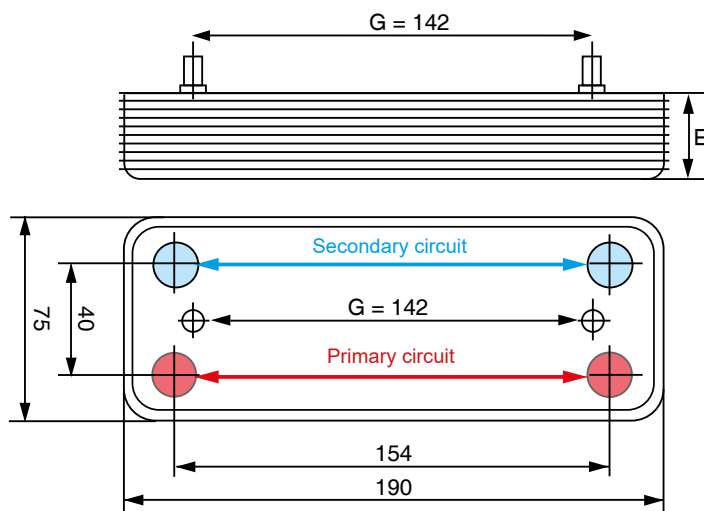
Art. S.070

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



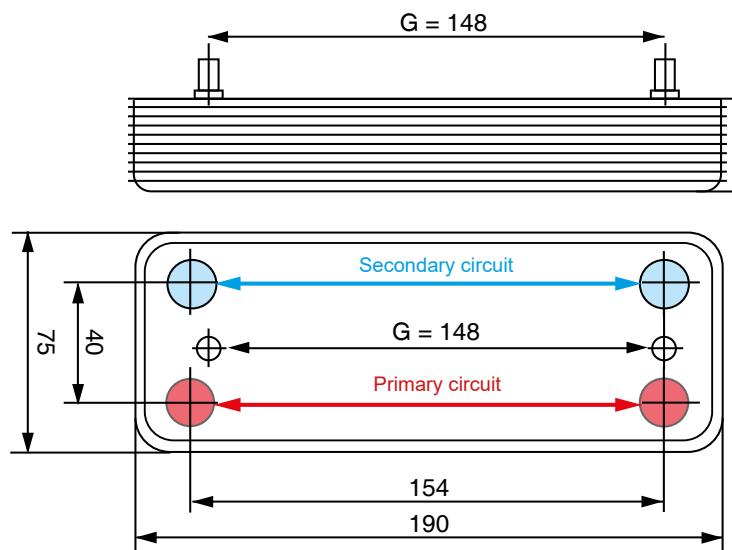
Art. S.003.9-



Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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.003.8-



Calydra

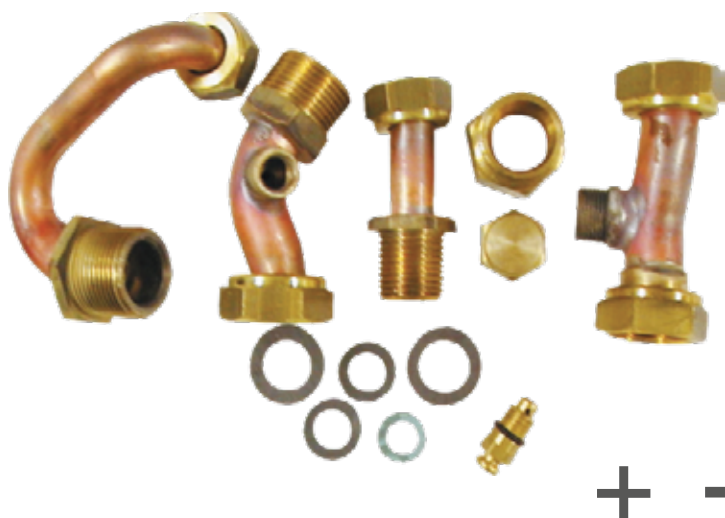
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	10	S.003.80	40 - 154	16 - 16	148
190 x 75	Rapid connection	12	S.003.81	40 - 154	16 - 16	148
190 x 75	Rapid connection	14	S.003.84	40 - 154	16 - 16	148
190 x 75	Rapid connection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

CHAFFOTEAUX ADAPTERS

FOR CODES OR PRODUCTS YOU CANNOT FIND, CONTACT US.



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Art. S.055.00

Kit with fittings and shaped tubes to match heat exchangers S.004.52 and S.004.74 for the substitution on old CHAFFOTEAUX boiler models.



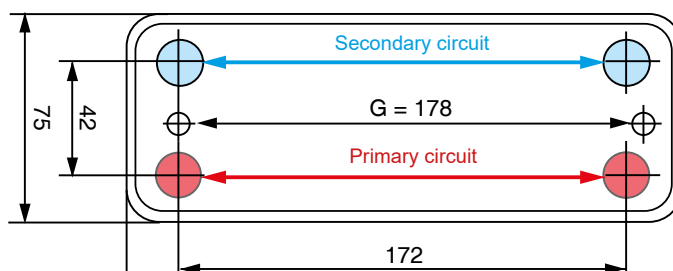
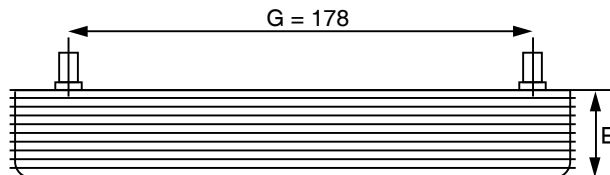
Art. S.004.52

Art. S.004.74

see page 5



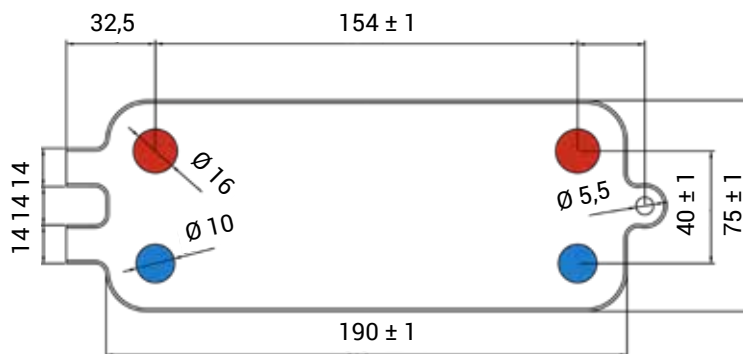
Ocean-Nectra
Deville



Art. S.005.7-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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

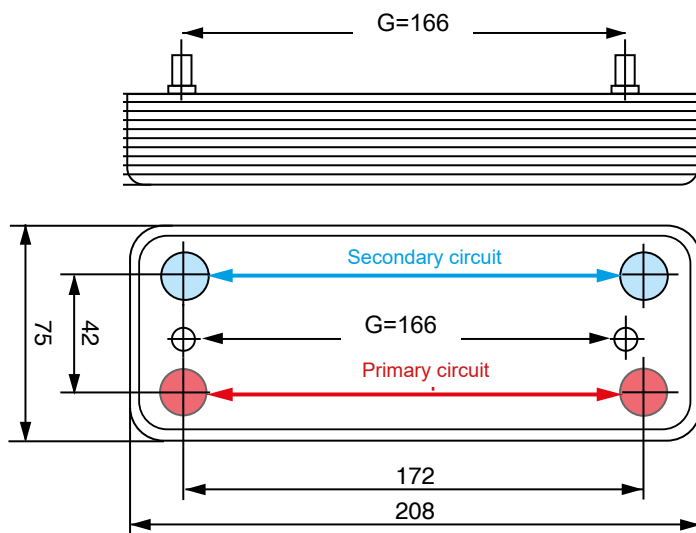
DE DIETRICH - REMEHA



Art. S.095.--

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Threaded	16	S.095.16	40 - 154	16 - 10	-
190 x 75	Threaded	18	S.095.18	40 - 154	16 - 10	-
190 x 75	Threaded	20	S.095.20	40 - 154	16 - 10	-
190 x 75	Threaded	24	S.095.24	40 - 154	16 - 10	-

ELCO



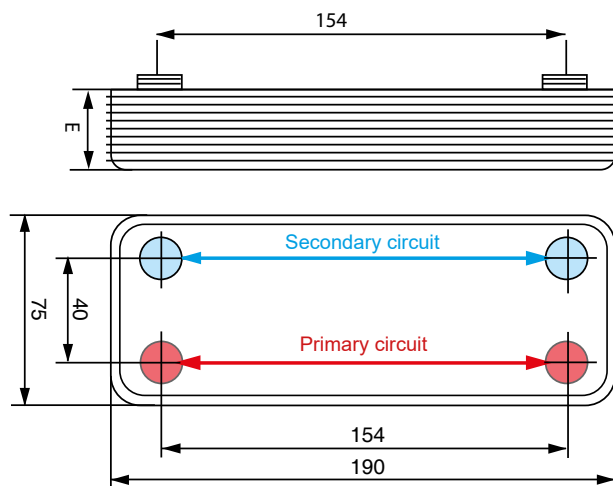
Art. S.005.6-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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



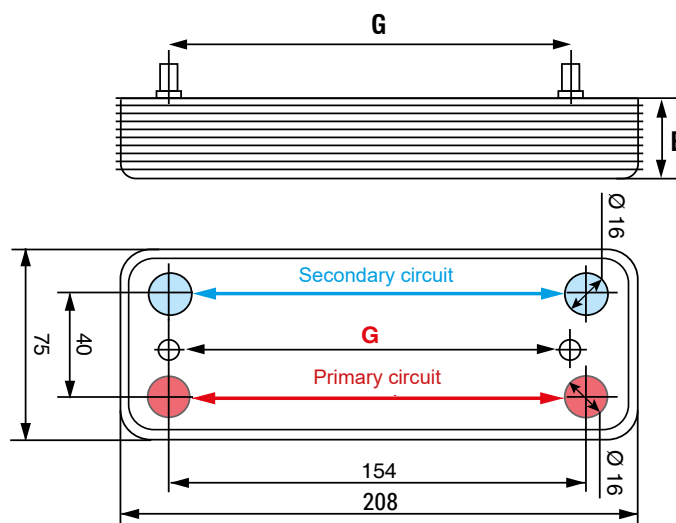
Art. S.002.--



Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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	-

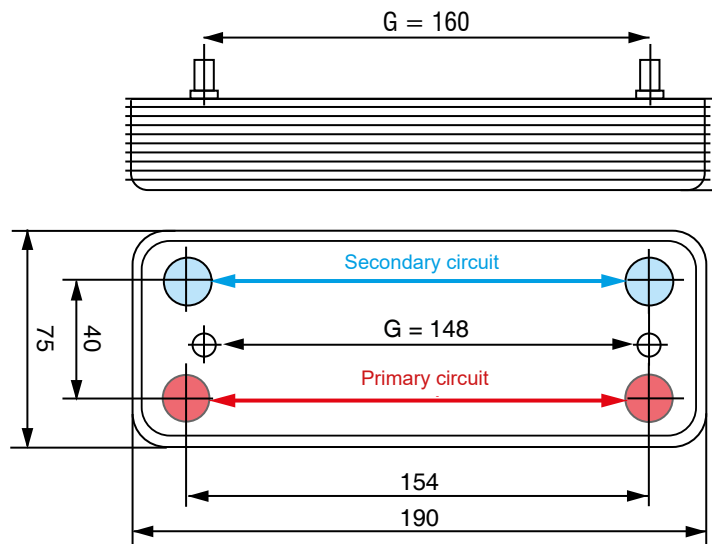


Art. S.003.--



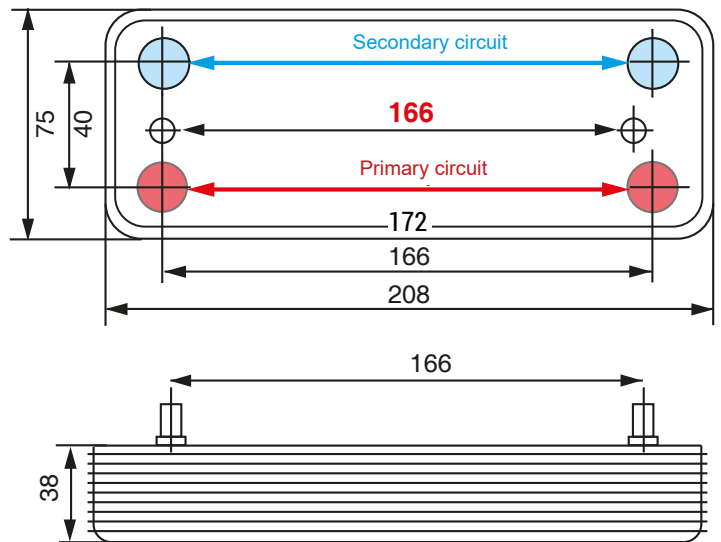
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Quota E	Studs Quota G
				Wheelbase	Hole Ø		
208 x 75	Threaded	10	S.003.80	40 - 154	3/4" M - 1/2" M	29,4	148
208 x 75	Threaded	12	S.003.81	40 - 154	3/4" M - 1/2" M	33,9	148
208 x 75	Threaded	14	S.003.84	40 - 154	3/4" M - 1/2" M	38,4	148
208 x 75	Threaded	16	S.003.86	40 - 154	3/4" M - 1/2" M	42,9	148
208 x 75	Threaded	20	S.003.82	40 - 154	3/4" M - 3/4" M	51,8	148
208 x 75	Threaded	26	S.003.76	40 - 154	3/4" M - 3/4" M	65,2	148
208 x 75	Threaded	30	S.002.83	40 - 154	3/4" M - 3/4" M	74,2	148

FONDITAL



Art. S.003.7-

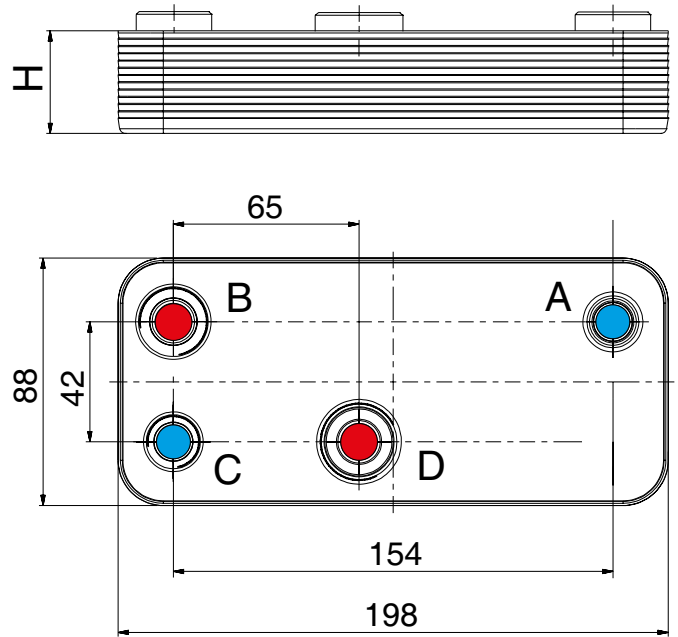
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	10	S.003.71	40 - 154	16 - 16	160
190 x 75	Rapid connection	14	S.003.74	40 - 154	16 - 16	160
190 x 75	Rapid connection	16	S.003.75	40 - 154	16 - 16	166



Art. S.005.34

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

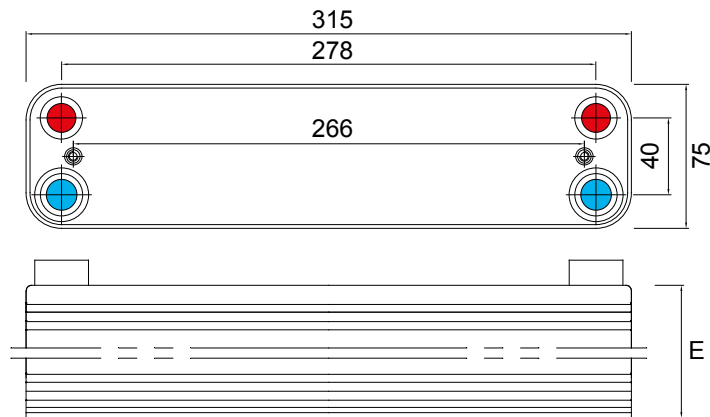
GRANT



Art. S.006.09

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

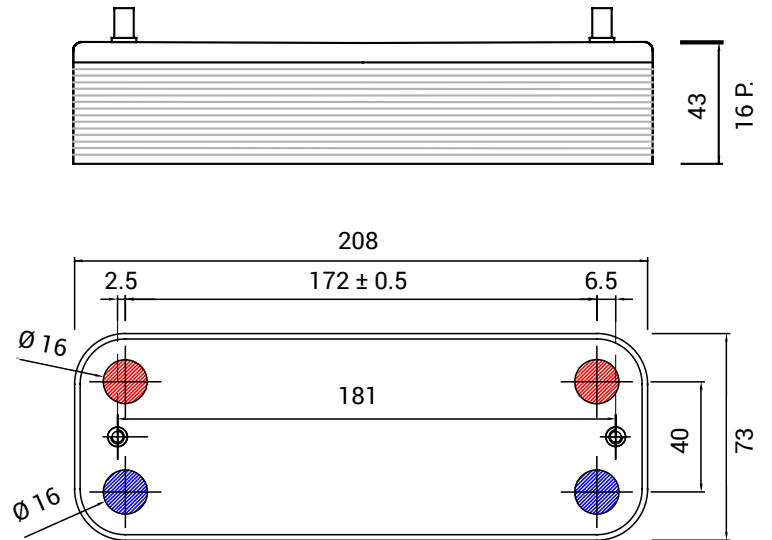
GRUPPO IMAR



Art. S.011.1

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Quota E	Studs Quota G
				Wheelbase	Hole Ø		
315 x 75	Rapid connection	12	S.011.12	40 - 278	15 - 22	33,9	266
315 x 75	Rapid connection	16	S.011.16	40 - 278	15 - 22	42,9	266

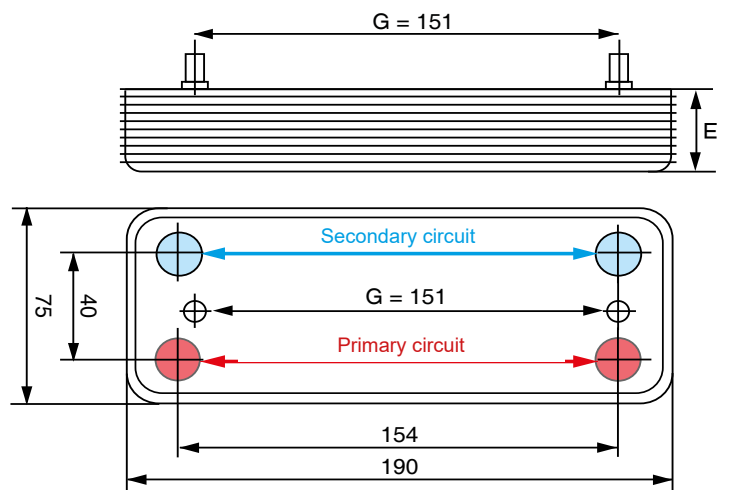
HANSA



Art. S.005.18

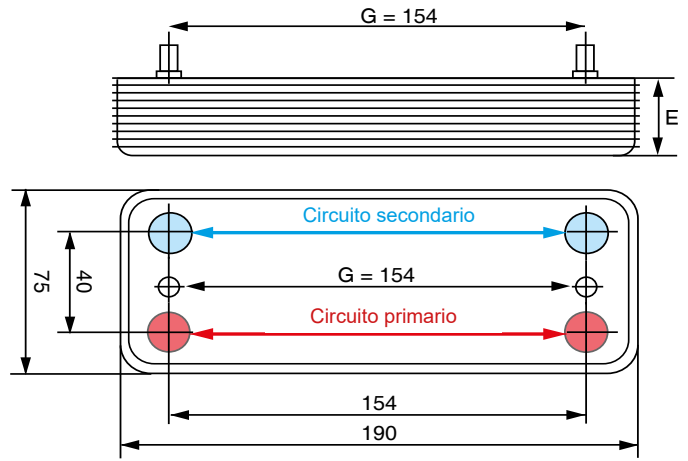
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Rapid connection	16	S.005.18	40 - 172	16 - 16	181

IMMERGAS



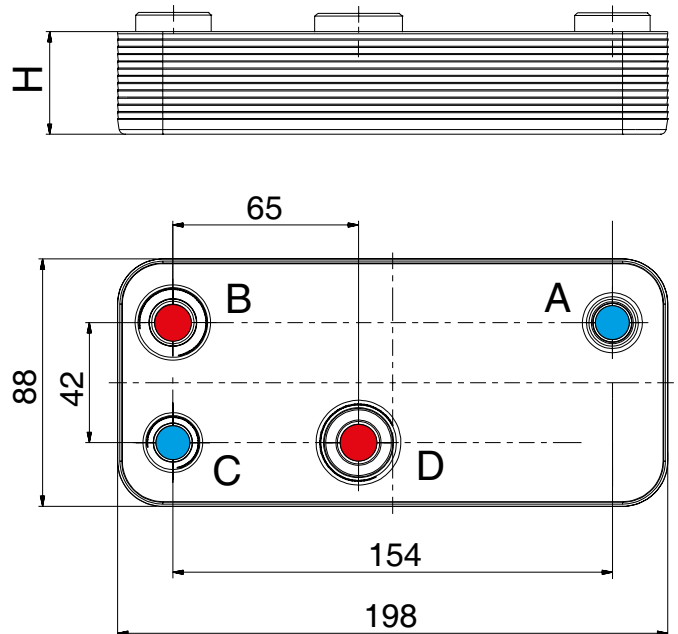
Art. S.003.3-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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



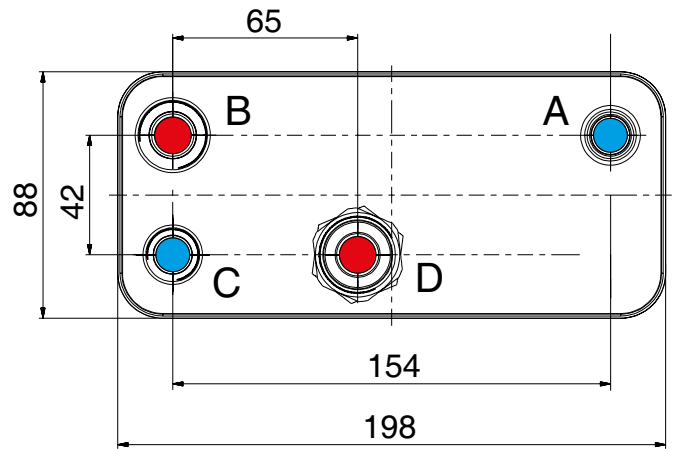
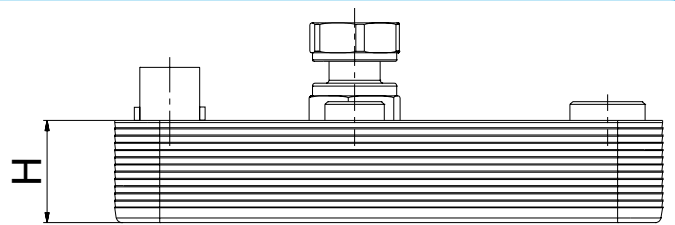
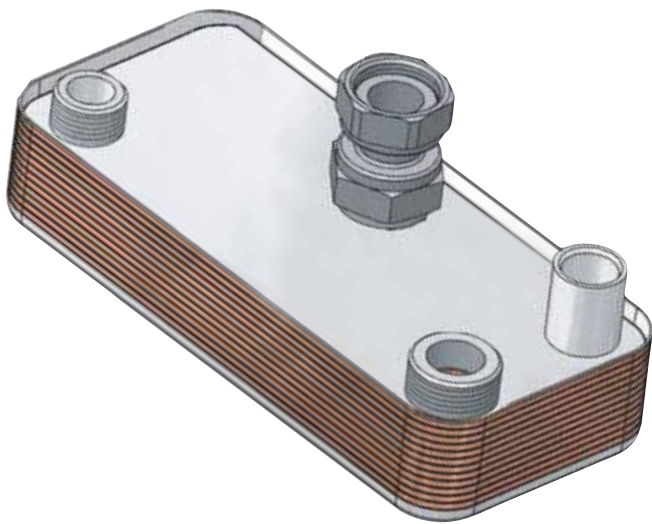
Art. S.003.4-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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



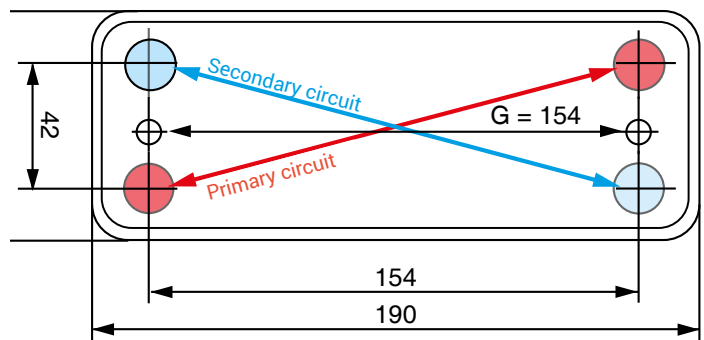
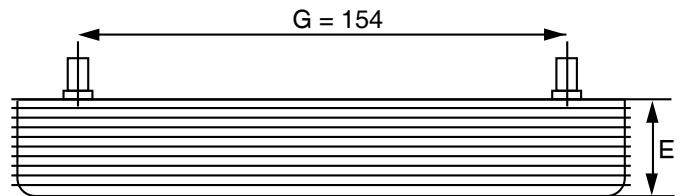
Art. S.006.0-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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	-



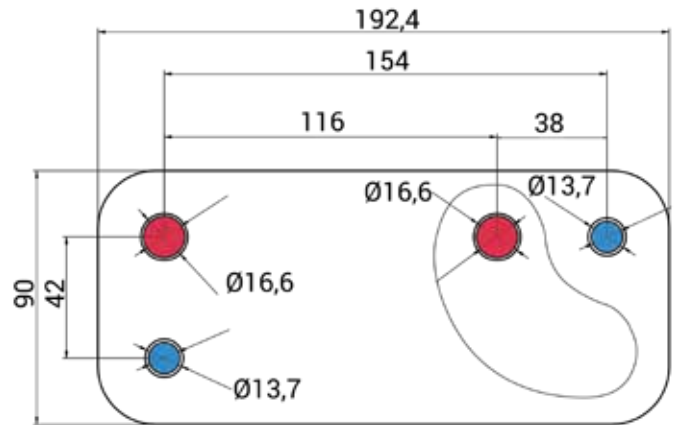
Art. S.006.3

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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

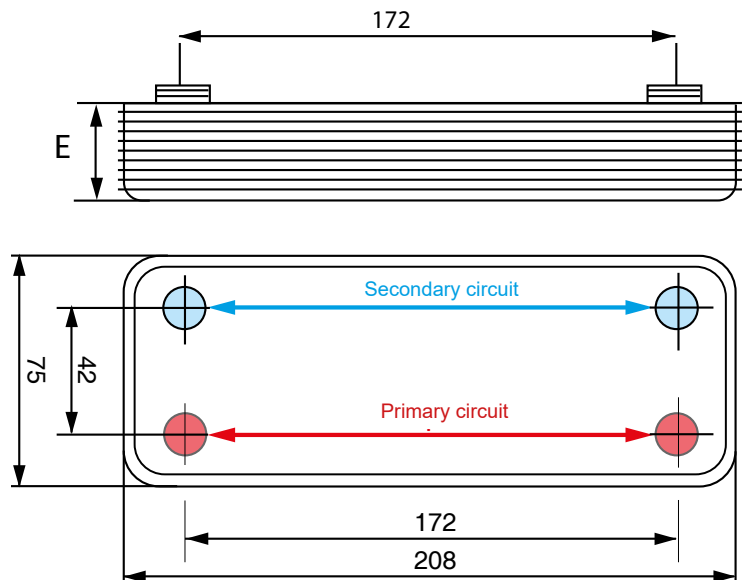
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Rapid connection	22	S.080.22	42 - 154	14 x 11	154



Art. S.081.7-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
192,4 x 90	Rapid connection	15	S.081.75	3.011261	42 - 154	16,6 - 13,7	151
192,4 x 90	Rapid connection	19	S.081.79	3.012737	42 - 154	16,6 - 13,7	151

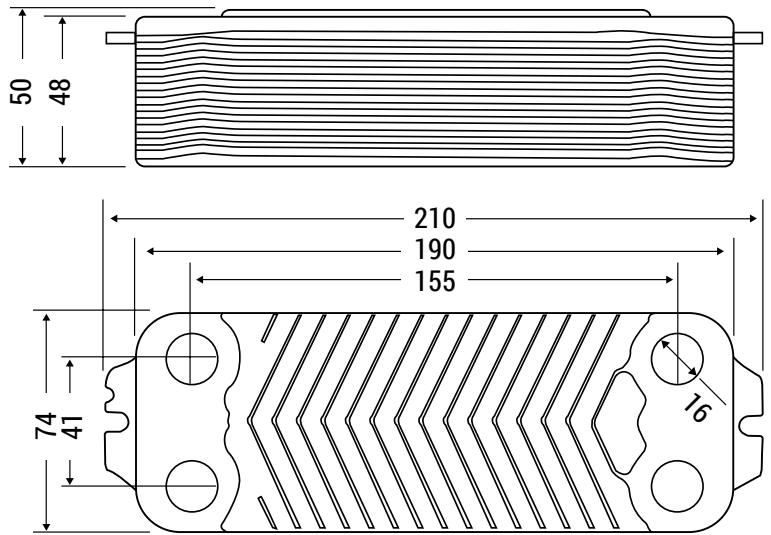
LAMINOX



Art. S.004.--

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Quota E	Studs Quota G
				Wheelbase	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	-

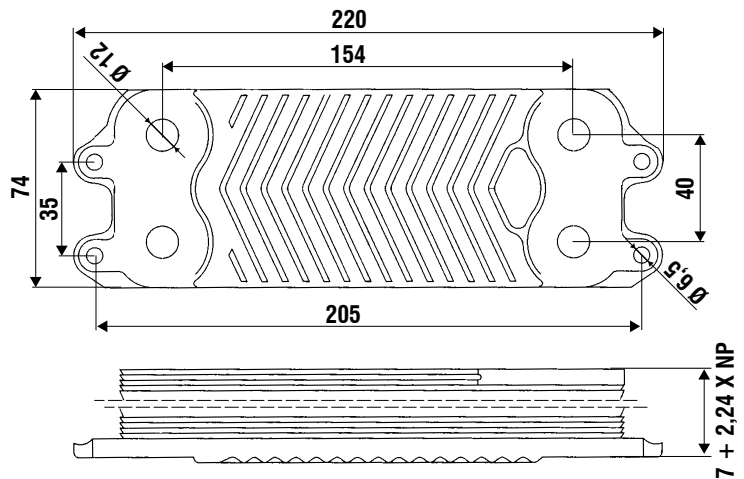
ROCA - BAXI



Art. S.096.00

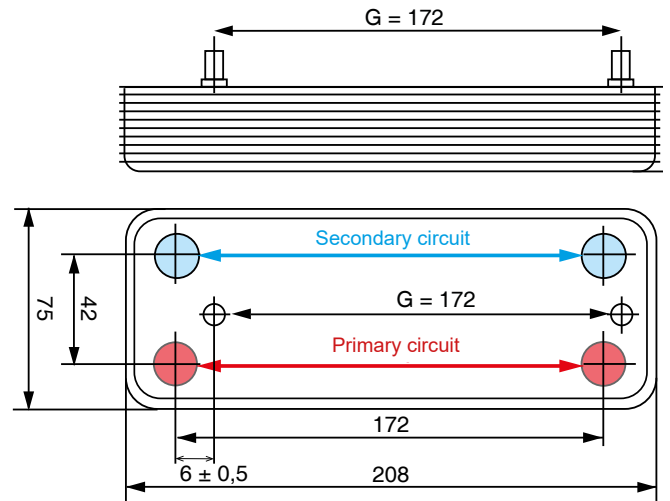
Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
190 x 74	Fixing wings	20	S.096.00	129.400.011	41 - 155	16 - 16	-

SAUNIER DUVAL - HERMANN - BULEX



Art. S.060

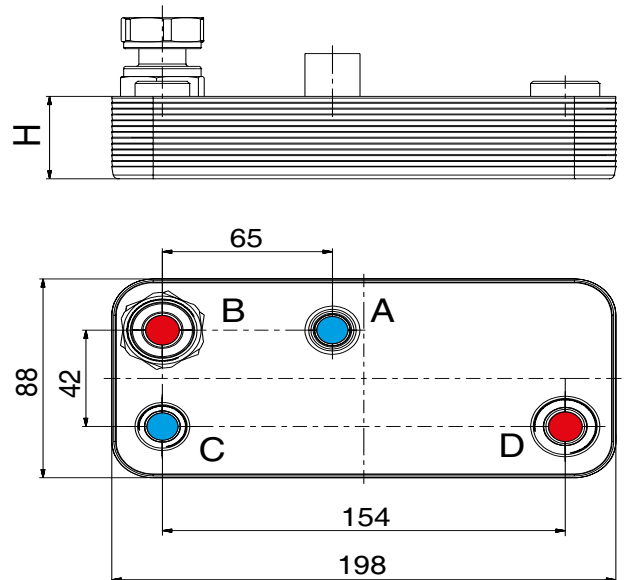
Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
220 x 74	Fixing wings	12	S.060.12	-	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	14	S.060.14	0020020018 0020097179	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	20	S.060.20	0020038572 0020186154 0020097181	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	28	S.060.28	0020046957	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	40	S.060.40	-	40 - 154	12,2 - 12,2	-



Art. S.070.--

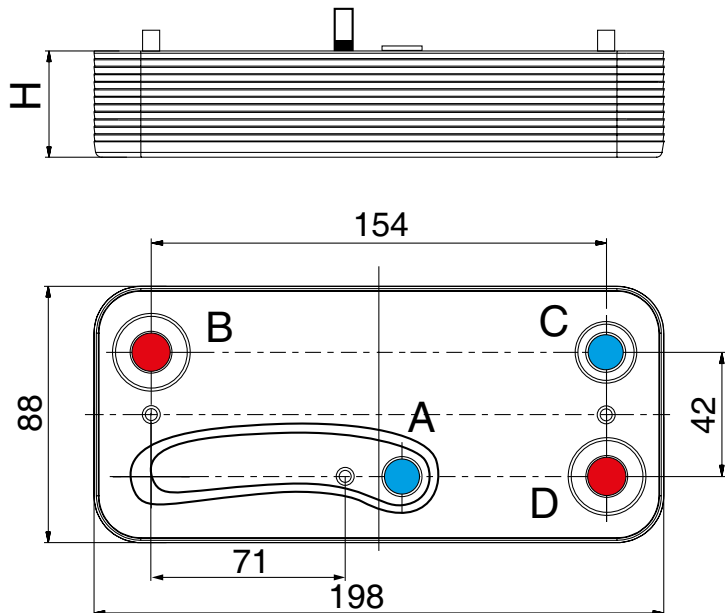
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Rapid connection	12	S.070.12	42 - 172	16 x 16	172
208 x 75	Rapid connection	14	S.070.14	42 - 172	16 x 16	172
208 x 75	Rapid connection	16	S.070.16	42 - 172	16 x 16	172
208 x 75	Rapid connection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

SIME



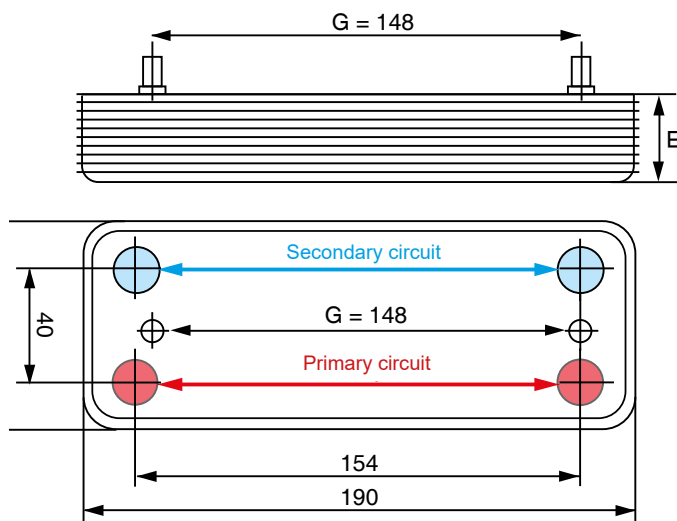
Art. S.006.1-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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-

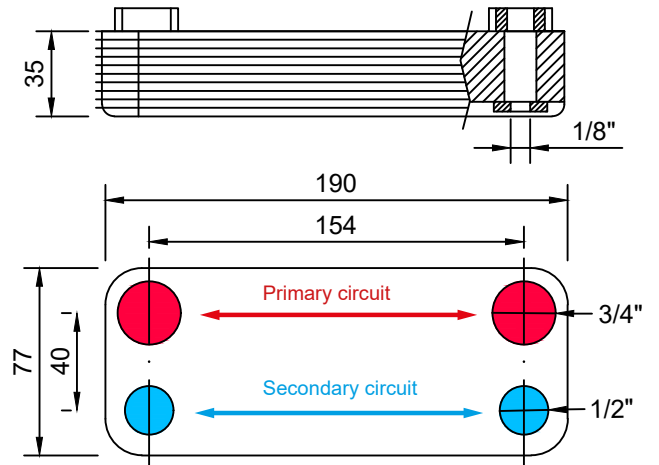
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
198 x 88	Rapid connection	12	S.007.52	42 - 154	15 x 12	154
198 x 88	Rapid connection	14	S.007.54	42 - 154	15 x 12	154
198 x 88	Rapid connection	16	S.007.56	42 - 154	15 x 12	154



Art. S.003.8-

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	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

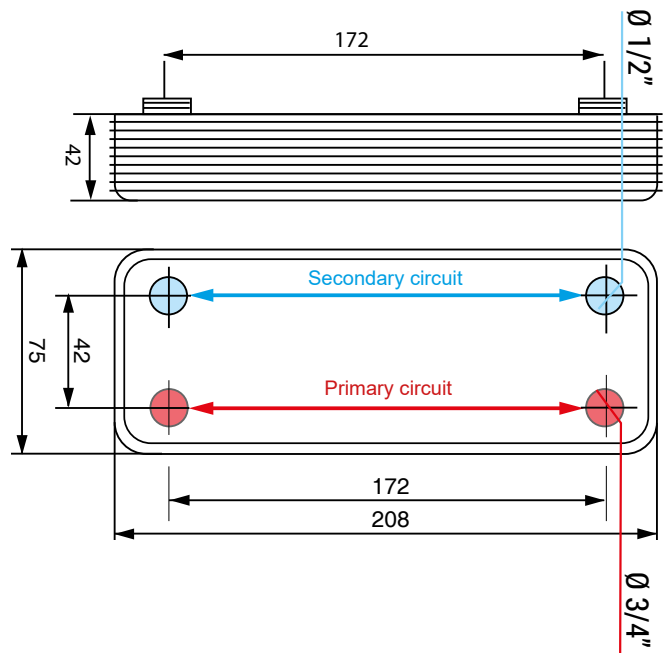
TIFELL



Art. S.083.14

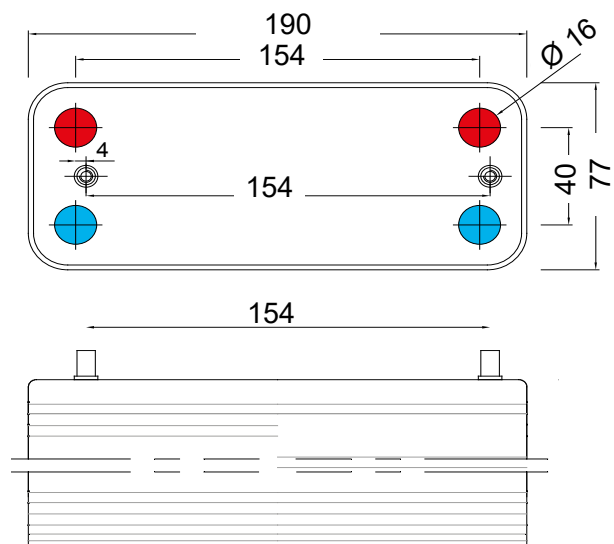
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 77	Threaded	14	S.083.14	40 - 154	3/4" - 1/2" - 1/8" for probe	-

UNICAL



Art. S.004.74

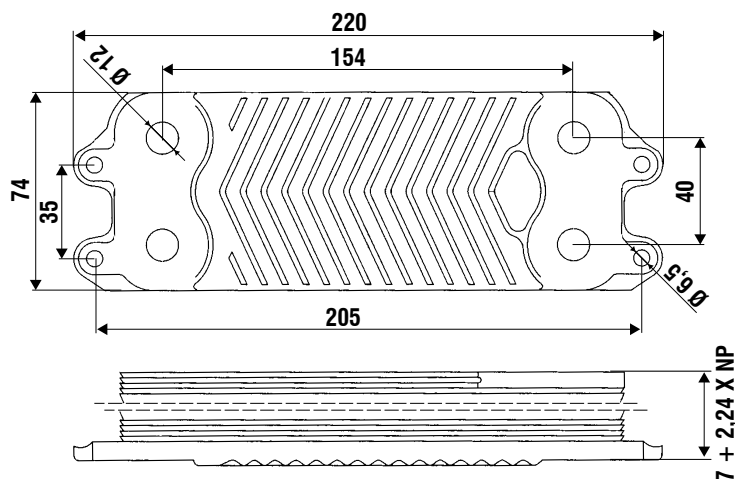
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
208 x 75	Threaded	14	S.004.74	42 - 172	2 X 3/4" - 2 X 1/2"	-



Art. S.110

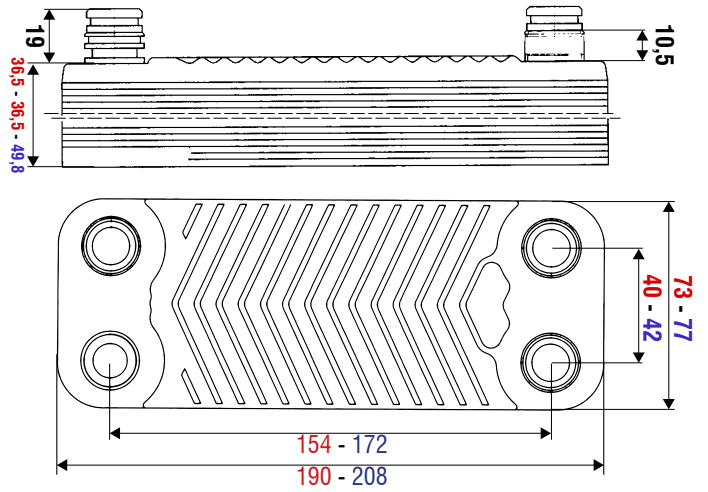
Model Dimensions	Connection Type	Number of plates	Order code	Zilmet ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
190 x 75	Rapid connection	16	S.110.16	17B1901621	40 - 154	16 - 16	154
190 x 75	Rapid connection	20	S.110.20	17B1902021	40 - 154	16 - 16	154
190 x 75	Rapid connection	24	S.110.24	17B1902421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

VAILLANT



Art. S.060

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
220 x 74	Fixing wings	12	S.060.12	-	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	14	S.060.14	0020020018 0020097179	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	20	S.060.20	0020038572 0020186154 0020097181	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	28	S.060.28	0020046957	40 - 154	12,2 - 12,2	-
220 x 74	Fixing wings	40	S.060.40	-	40 - 154	12,2 - 12,2	-

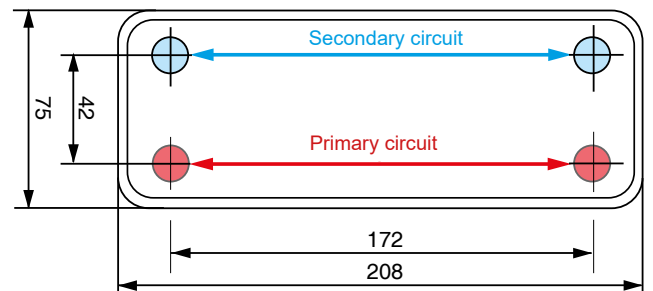
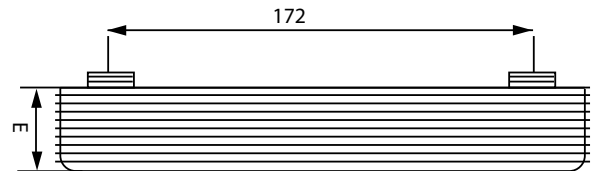


Art. S.061

● 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		Studs Quota G
				Wheelbase	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	Studs Quota G
				Wheelbase	Hole Ø		
208 x 75	Threaded	12	S.062.12	42 - 172	3/4" M - 3/4" F 3/4" M - Ø 28 rapid	33,9	-

VAILLANT ADAPTERS



Art. R.650.15

Kit with fittings and tubes (short type) to match with heat exchangers S.004.52 and S.004.74 for the substitution of the old type in plastic in VAILLANT boilers THERMOBLOC or TECHNOBLOCK.



Art. R.650.16

Kit with fittings and tubes (long type) to match with heat exchangers S.004.52 and S.004.74 for the substitution of the old type in plastic in VAILLANT boilers THERMOBLOC or TECHNOBLOCK (reference 06-5034) complete with washers and a new deviating disc.



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



Art. R.650.17

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

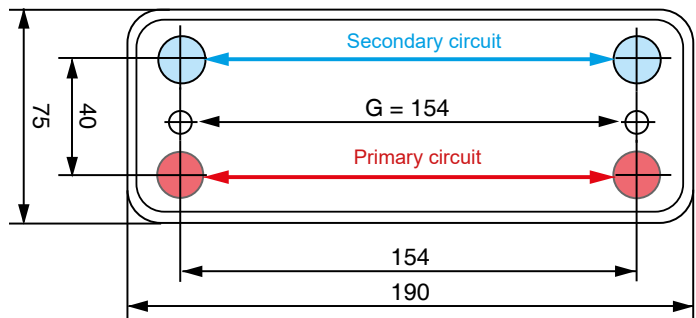
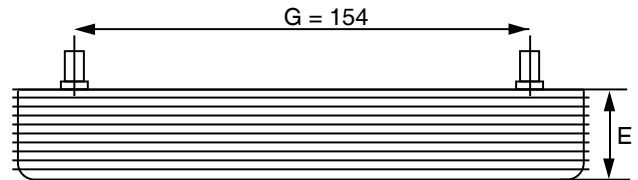


FOR CODES OR PRODUCTS YOU CANNOT FIND, CONTACT US.



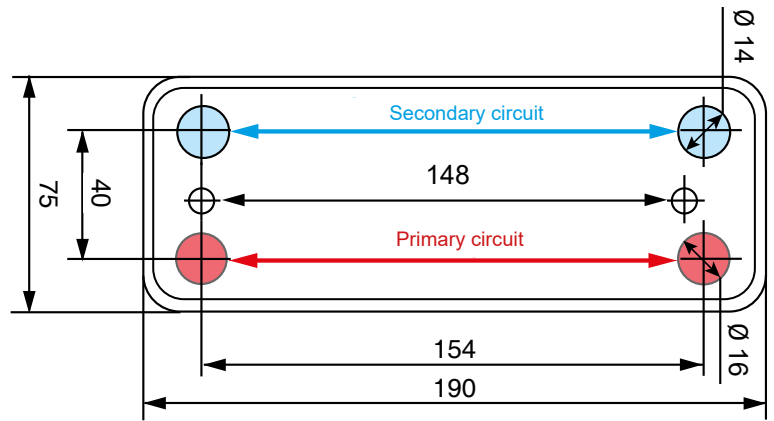
ant3@antaresint.com

VIESSMANN



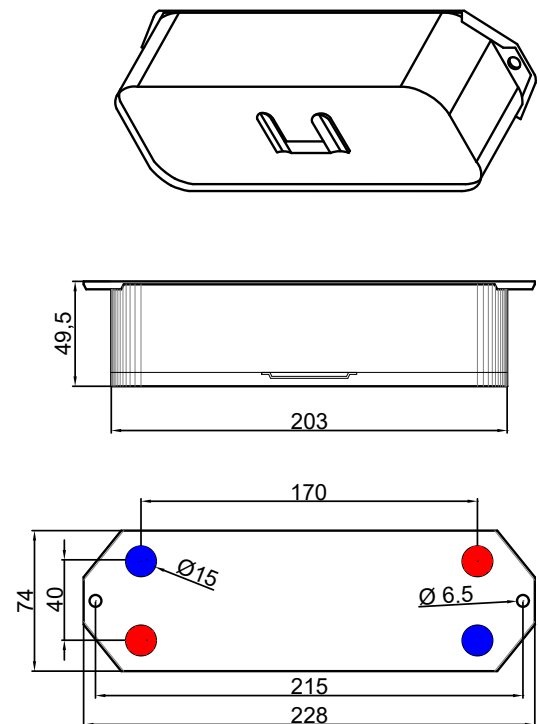
Art. S.003.4-

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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



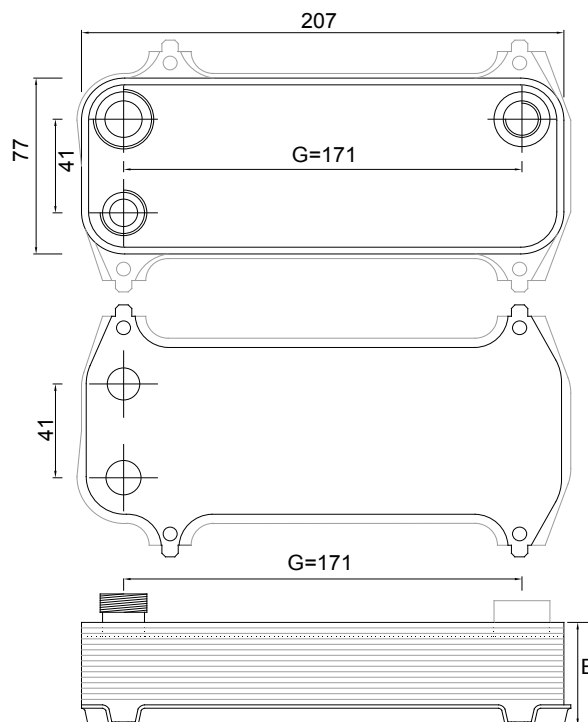
Art. S.003.76

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



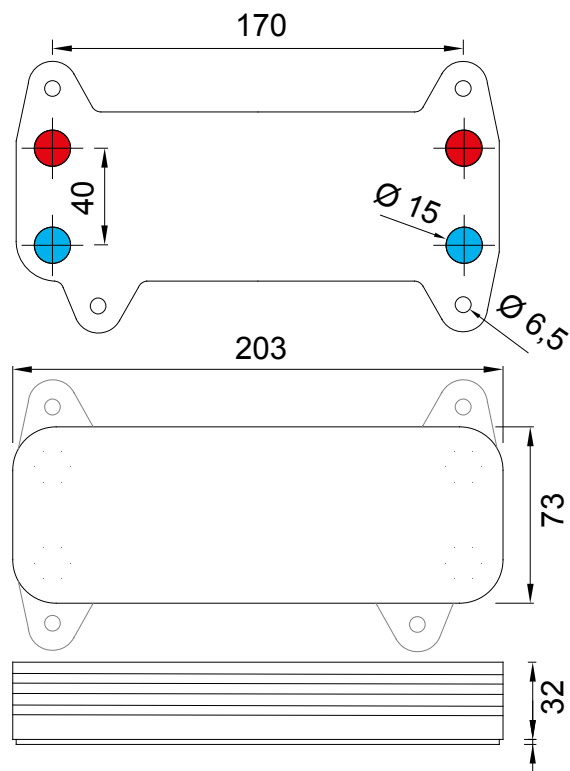
Art. S.090.20

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
228 x 74	Rapid connection	20	S.090.20	7827950	40 - 170	15 - 15	-



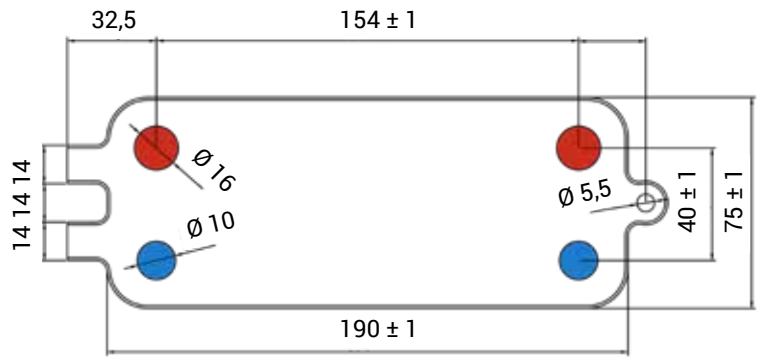
Art. S.091.16

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	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

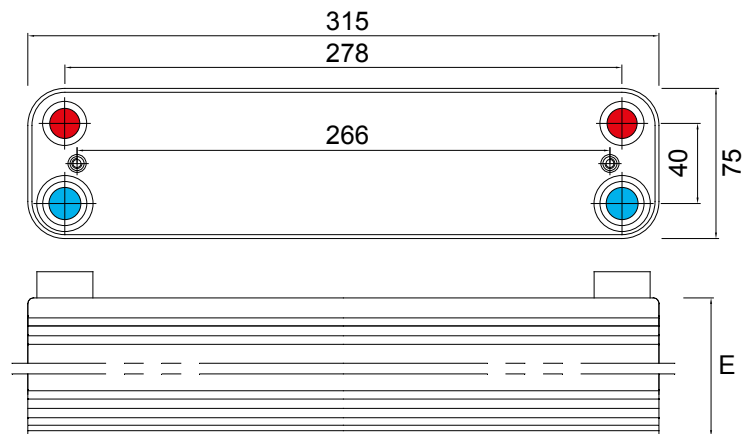
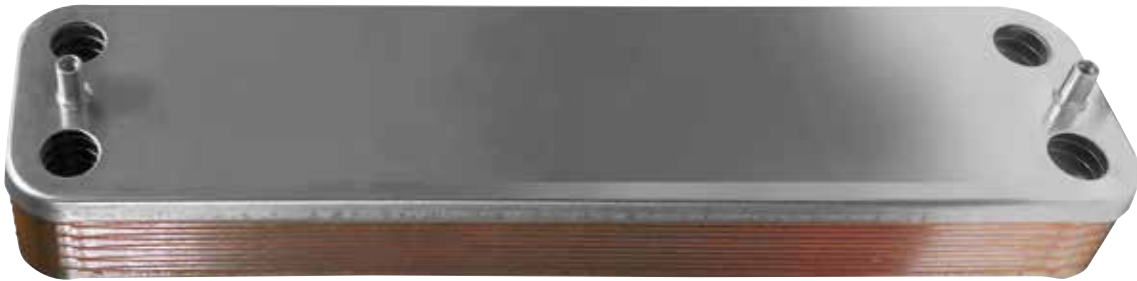
Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Studs Quota G
					Wheelbase	Hole Ø	
203 x 73	Rapid connection	12	S.092.00	7817471	40 - 170	15 - 15	-



Art. S.095.--

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G
				Wheelbase	Hole Ø	
190 x 75	Threaded	16	S.095.16	40 - 154	16 - 10	-
190 x 75	Threaded	18	S.095.18	40 - 154	16 - 10	-
190 x 75	Threaded	20	S.095.20	40 - 154	16 - 10	-
190 x 75	Threaded	24	S.095.24	40 - 154	16 - 10	-

WORCHESTER - BOSCH



Art. S.011.04

Model Dimensions	Connection Type	Number of plates	Order code	Ref.	Outlets		Quota E	Studs Quota G
					Wheelbase	Hole Ø		
315 x 75	Rapid connection	14	S.011.04	87161066850	40 - 278	15 - 22	40	266

Reference table with boiler makes for common models

ARCA / ROCA

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G	Page
				Wheelbase	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	Threaded	16	S.003.86	40 - 154	16 - 16	148	4
190 x 75	Threaded	16	S.003.42	40 - 154	16 - 16	154	4
190 x 75	Threaded	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
				Wheelbase	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
				Wheelbase	Hole Ø		
208 x 75	Rapid connection	12	S.005.82	42 - 172	14 - 14	156,5	6
208 x 75	Rapid connection	12	S.005.84	42 - 172	14 - 14	156,5	6
208 x 75	Rapid connection	12	S.005.88	42 - 172	14 - 14	156,5	6
208 x 75	Rapid connection	14	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
				Wheelbase	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	266	9
315 x 75	Rapid connection	18	S.011.38	40 - 278	14 - 14	266	9

BALTUR

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G	Page
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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	Fixing wings	16	S.095.16	40 - 154	16 - 10	-	15
190 x 75	Fixing wings	18	S.095.18	40 - 154	16 - 10	-	15
190 x 75	Fixing wings	20	S.095.20	40 - 154	16 - 10	-	15
190 x 75	Fixing wings	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
				Wheelbase	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	O-Ring	12	S.013.50	40 - 154	15,5 - 15,5	-	16
190 x 75	O-Ring	16	S.013.51	40 - 154	15,5 - 15,5	-	16
190 x 75	O-Ring	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
				Wheelbase	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
				Wheelbase	Hole Ø		
190 x 75	Threaded	16	S.095.16	40 - 154	16 - 10	-	15
190 x 75	Threaded	18	S.095.18	40 - 154	16 - 10	-	15
190 x 75	Threaded	20	S.095.20	40 - 154	16 - 10	-	15
190 x 75	Threaded	24	S.095.24	40 - 154	16 - 10	-	15
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 1/2" M - 3/4" M	-	7
198 x 88	Threaded	14	S.006.24	42 - 154	3/4" F Swivel - Ø Int. 16 1/2" M - 3/4" M	-	7

BROTJE

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G	Page
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	Hole Ø		
190 x 75	Threaded	16	S.095.16	40 -154	16 - 10	-	15
190 x 75	Threaded	18	S.095.18	40 -154	16 - 10	-	15
190 x 75	Threaded	20	S.095.20	40 -154	16 - 10	-	15
190 x 75	Threaded	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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	10	S.003.80	40 - 154	3/4" M - 1/2" M	-	4
208 x 75	Threaded	12	S.003.81	40 - 154	3/4" M - 1/2" M	-	4
208 x 75	Threaded	14	S.003.84	40 - 154	3/4" M - 1/2" M	-	4
208 x 75	Threaded	16	S.003.86	40 - 154	3/4" M - 1/2" M	-	4
208 x 75	Threaded	20	S.003.82	40 - 154	3/4" M - 3/4" M	-	4
208 x 75	Threaded	26	S.003.76	40 - 154	3/4" M - 3/4" M	-	4
208 x 75	Threaded	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
				Wheelbase	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
				Wheelbase	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
				Wheelbase	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 - Ext. flange 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
				Wheelbase	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
				Wheelbase	Hole Ø		
198 x 88	Threaded	35	S.006.09	42 - 154	2 x 3/4" M 2 x 1/2" M	-	7

GRUPPO IMAR

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

VISSMAN

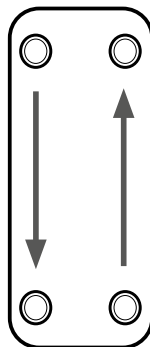
Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G	Page
				Wheelbase	Hole Ø		
190 x 75	Rapid connection	10	S.003.40	40 - 154	16 - 16	154	4
190 x 75	Rapid connection	10	S.003.80	40 - 154	16 - 16	154	4
190 x 75	Rapid connection	12	S.003.42	40 - 154	16 - 16	154	4
190 x 75	Rapid connection	20	S.003.41	40 - 154	16 - 16	154	4
190 x 75	Rapid connection	20	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	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
				Wheelbase	Hole Ø		
315 x 75	Rapid connection	14	S.011.04	40 - 278	15 - 22	266	9

ZILMET

Model Dimensions	Connection Type	Number of plates	Order code	Outlets		Studs Quota G	Page
				Wheelbase	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



For a minimum amount of 500 units, it is possible to produce heat exchangers with specific characteristics

HOW TO PLACE AN ORDER



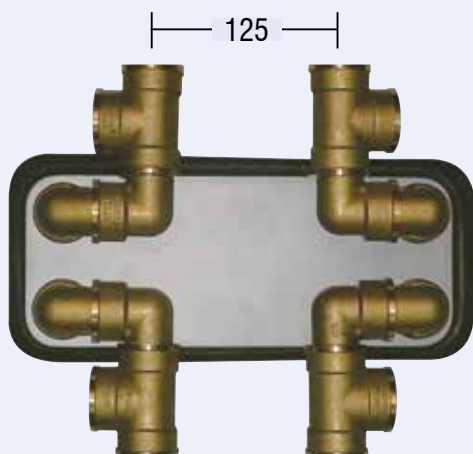
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Direct and immediate orders

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:

- **Thermal exchange between boiler and system:** when you don't want to unite directly the circuit of old systems directly with the boiler to avoid soiling and clogging passage of the same. Most boiler manufacturers enforce installation.

- **Pairing open circuits with closed circuits:** for pairing of boilers or biomass fire-places with boilers on a closed circuit

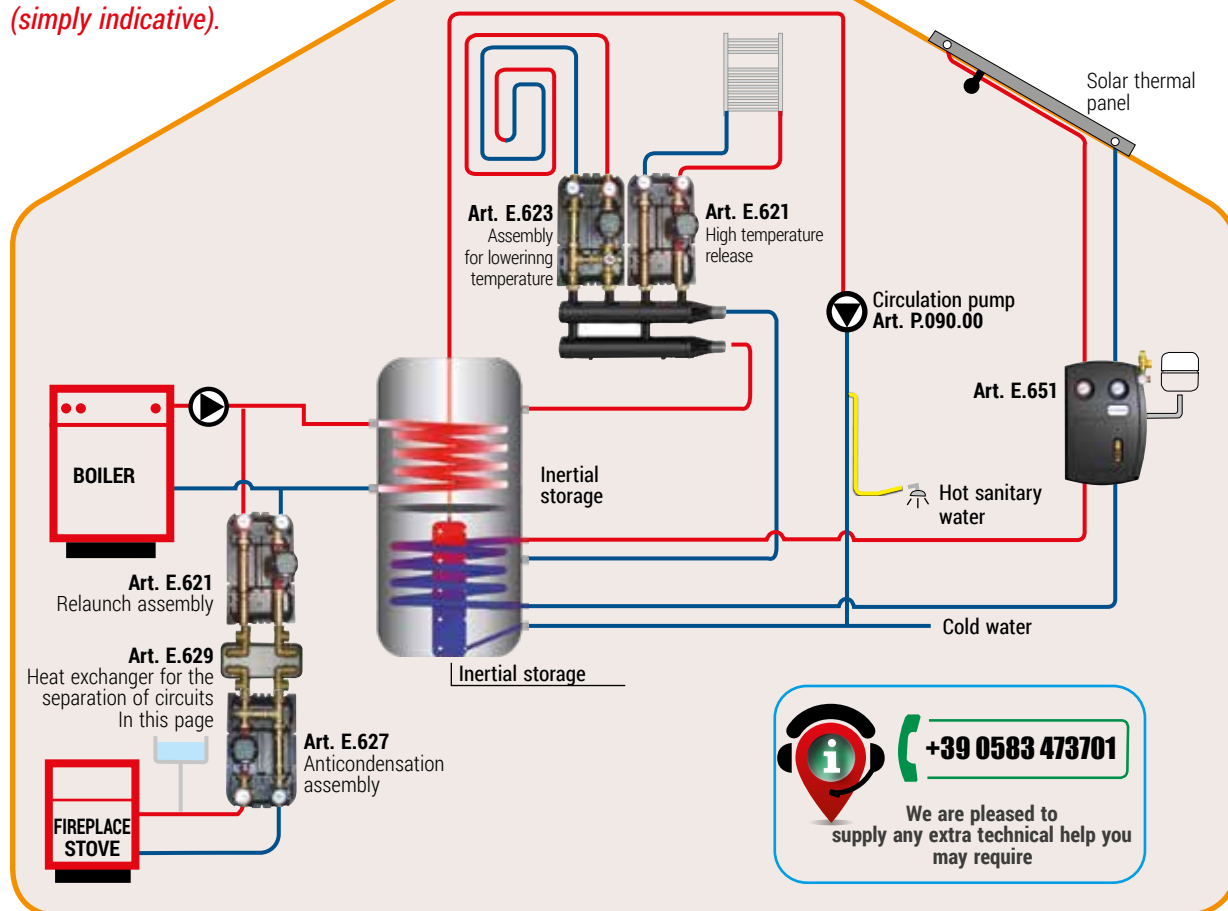
Art. E.629 - Thermal exchange module also suitable for hydraulic circuit separation.

Prepared for direct connection with anticondensation biomass heat generators - Art. E.627 - and also for the control units for the lowering or mixing of temperature for radiant systems - Art. E.623 - It is composed of steel plate heat exchanger in the power listed, necessary pre-assembled connection fittings and isolating shell. Prepared for the connection of various accessories in correspondence with the four "T" 1" F fittings - Distance between holes: 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.

Pre-assembled module application scheme (simply indicative).



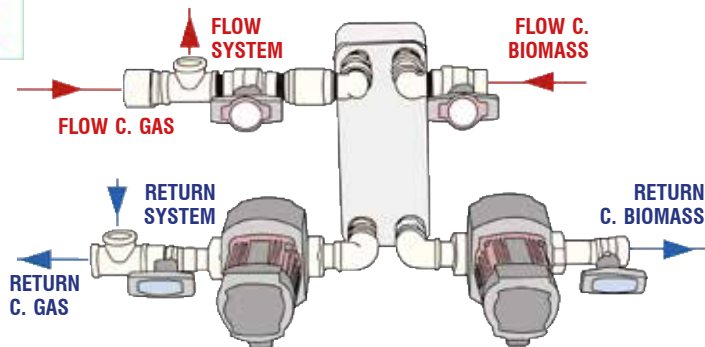
 **+39 0583 473701**

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

Circuit Separator



For matching fireplaces or boiler to biomass



Art. S.047

Art. S.047 - Heat exchange unit preassembled for the separation of the open circuit from the closed, for heating systems using closed fireplace, wood boiler, biomass, pellet, etc.

Composed of AISI 304 stainless steel exchanger (Art. S.009), No. 2 pumps in energy class "A" (Art. P.064.6-), No. 2 ball valves (Art. E.465), No. 2 ball valves with thermometer and check valve (Art. E.478). - Operating temperature max: 99 ° C. - Pressure: Operating Max: 15 bar.

Order code	S.047.25	S.047.35	S.047.45
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

Module for producing hot sanitary water



Art. E.640.1-



Art. E.640.1-

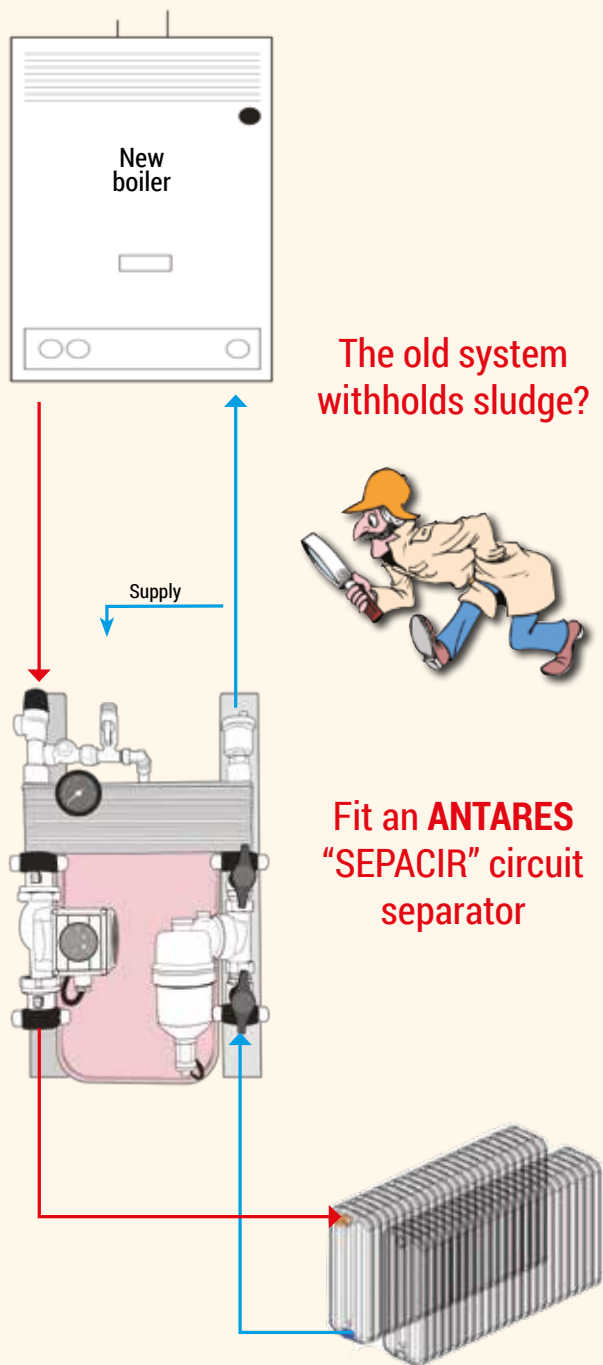
Art. E.640 - Pre-assembled module for the supply of instant hot sanitary water complete of: flow sensor for automatic start-up of pump, brazed plate heat exchanger indicated in table, circulating pump highly efficient auto adjustable (P.064.6), n. 2 ball valves with thermometer and check valve (E.478), n. 2 thermometers on secondary circuit and isolating shell.

Available with or without a 3 way thermostatic mixing valve. Conn.: heating system 1" M.- distance 125 - max pressure 10 bar.

Detail supplied with: **Primary Circuit: 80/60°C - Secondary Circuit: 15/50°C**

Without thermostatic valve						With three way thermostatic valve for the control of hot sanitary water					
Model	Flow rate lt/min	Absorption of boiler Kw	Type of heat exchanger	N. of plates	Connection for sanitary circulator	Model	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.

DECOUPLED SEPARATOR FOR OLD HEATING SYSTEM WITH NEW BOILER



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 - Decoupled system separator "SEPACIR" with covering sheath. Connections 3/4" for heating and 1/2" for circuit feed.

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"

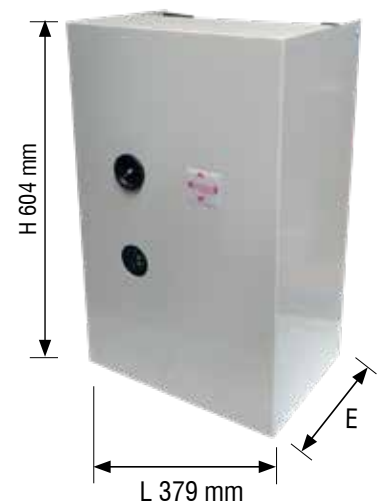
Model with fitted expansion vessel

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

Reduced 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, relevant and complementary articles

Thermal isolating shell

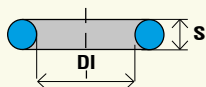


Art. S.017

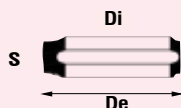
Art. S.017 - Thermal isolating shell in polystyrene for welded brased heat exchangers.

Order code	Suitable for exchangers type (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

O-rings for heat exchangers - rapid connection



Art. F.497



Art. F.499

Art. F.497 - Pack of 10 rubber o-rings in NBR rubber for heat exchanger joints with rapid connections.

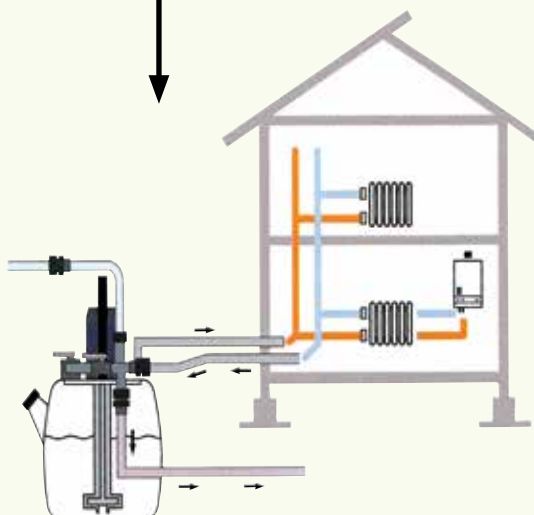
Sizes Ø DI - S	7,65 x 1,78	9,19 x 2,62	11,91 x 2,62	13,6 x 2,7	15,54 x 2,62
Order code	F.497.08	F.497.70	F.497.71	F.497.65	F.497.75
Compatible	Ariston - Baxi Chaffoteaux - Sime	Ariston - Baxi Chaffoteaux - Sime	Baxi	--	Ariston - Baxi Chaffoteaux - BSG - Sime
Sizes Ø DI - S	16 x 2,0	17,86 x 2,62	18,3 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 NBR rubber washers with internal grooved borders for connection of rapid insertion heat exchangers.

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

Liquids and descaling pumps

Example of performance



Art. F.440.30

Descaling pump "MAXCLEAN" completely in plastic, fitted in a stable way on a high performance 36 lt tank and suitable for descaling and cleaning of the whole heating system including boiler coils and heat exchangers. Eliminates the problems of water circulation caused by an accumulation of sediments, deposits, corrosion and scale. It is fitted with a flow inverter in order to attack scaling in both directions.

Motor 230 Vac - Kw 0,29 - Protection IP55. Flow lt./h 2.880. Head max 1,5 bar. Weight Kg. 11. Dimension: h 63 x L 35 x P 35. Complete with connecting flexible hoses and fittings.



Art. F.446.00

Kit for the descaling of plate heat-exchangers with connection enabled by o-ring.

Enables the descaling of primary and secondary circuits. Built with antiacid material and complete with o-ring.

← **Example of performance**



Art. F.450

Tank of inhibited acid-based scale remover "Disinex" for the removal of limestone or siliceous scale of pipes and closed circulation systems in boiler and heat exchangers. For aluminium or galvanized surfaces use 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 powdered scale remover "Zinconex" suitable for heating and cooling systems with galvanized or aluminium surfaces.

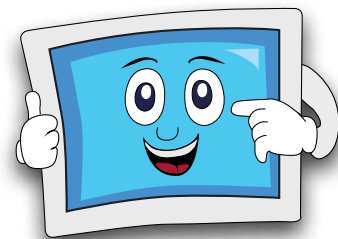
Drum of Kg.	1 Kg.	5 Kg.
Order code	F.453.10	F.453.50

Art. F.455.05

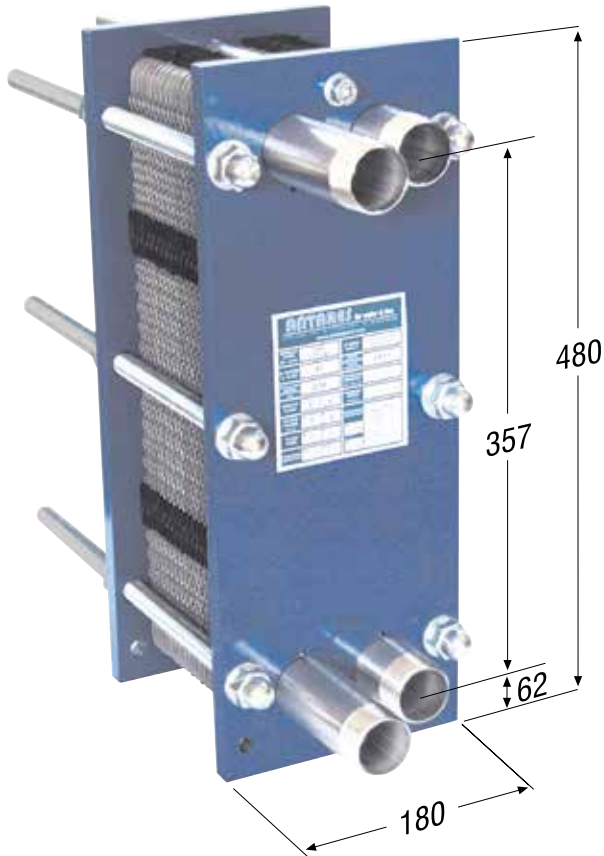


Tank of lt. 5 of liquid neutralizing residual acidity present after the descaling processes in the treated plants.

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Art. S.030



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

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

Heat exchanger with removable plates in stainless steel ALFAMAX type AM3.

Made with stainless steel plates AISI 316 and gaskets in NBR. Connections with barrels nipples in stainless steel 1 1/4" M. Also suitable for swimming pools (chlorinated water) and for the passage of water with glycol antifreeze. Allows the production of hot water in the measures specified below based on the following temperatures: Primary circuit 70°C min. Secondary circuit with inlets of 15°C and outlets of 50°C (Δt 35°C). Technical sheet may be downloaded from our website in pdf file - In order to have a greater potential it is possible to combine them with parallel connections.

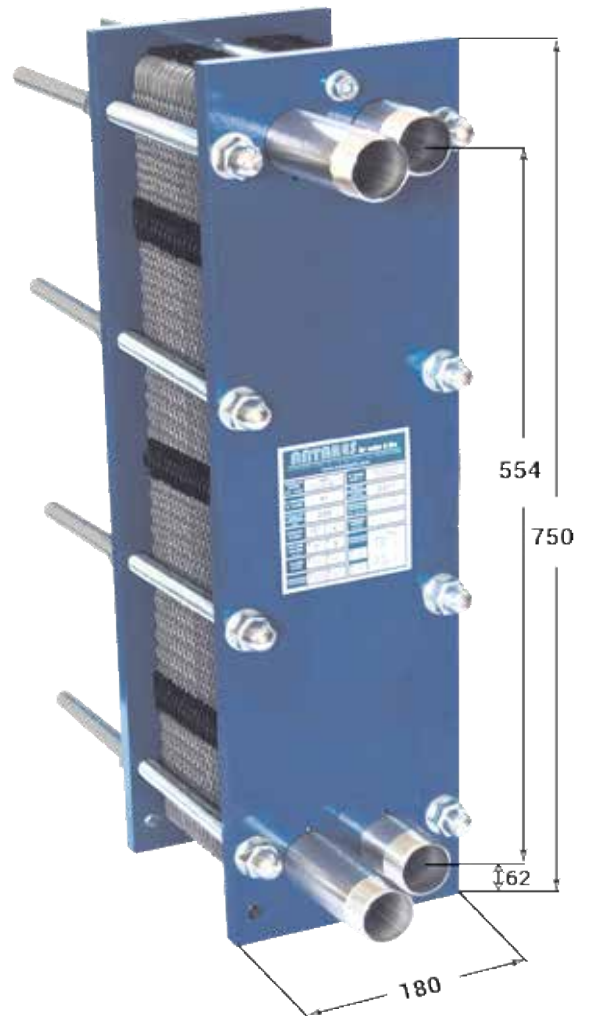
Surface thermal exchange for every plate $m^2 = 0.034$ (per plate) max working pressure 10 bar - volume contained for every channel 0.19 (per plate).

Art. code	Number of plates	Surface thermal exchange m^2	Secondary Circuit lt/h	Primary Circuit		
				Potential KW	Flow rate lt/h	Charge loss $m^3 H_2O$
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 primary and secondary circuit) the value characterising the heat exchanger of choice is the entity of surface thermal heat exchange.

Heat exchanger with removable plates in stainless steel ALFAMAX type AM5.

Made with stainless steel plates AISI 316 and gaskets in NBR. Connections with barrels nipples in stainless steel 2" M. Also suitable for swimming pools (chlorinated water) and for the passage of water with glycol antifreeze. Allows the production of hot water in the measures specified below based on the following temperatures: Primary circuit 70°C min. Secondary circuit with inlets of 15°C and outlets of 50°C (Δt 35°C). Technical sheet may be downloaded from our website in pdf file - In order to have a greater potential it is possible to combine them with parallel connections.

Surface thermal exchange for every plate $m^2 = 0.063$ (per plate) max working pressure 10 bar - volume contained for every channel 0.24 (per plate).

Art. code	Number of plates	Surface thermal exchange m^2	Secondary Circuit lt/h	Primary Circuit		
				Potential KW	Flow rate lt/h	Charge loss m H ₂ O
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

ant3@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

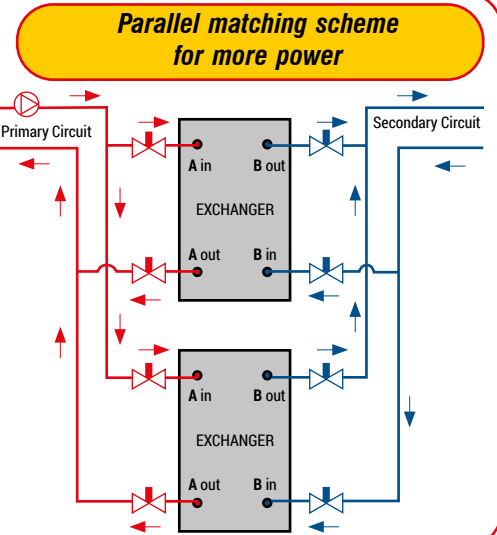
threaded steel bars

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 potential covers the needs.

For selecting AM3 -S.030

See below

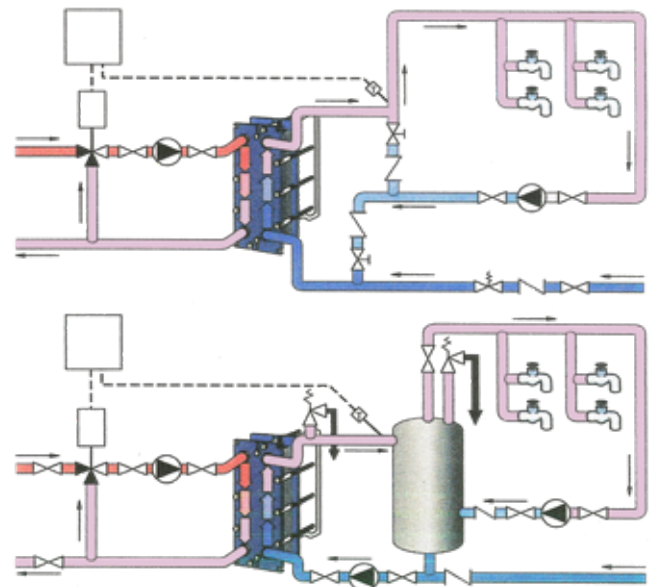
Semi-instant system

Installation that foresees an accumulation tank to reduce the potential 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.

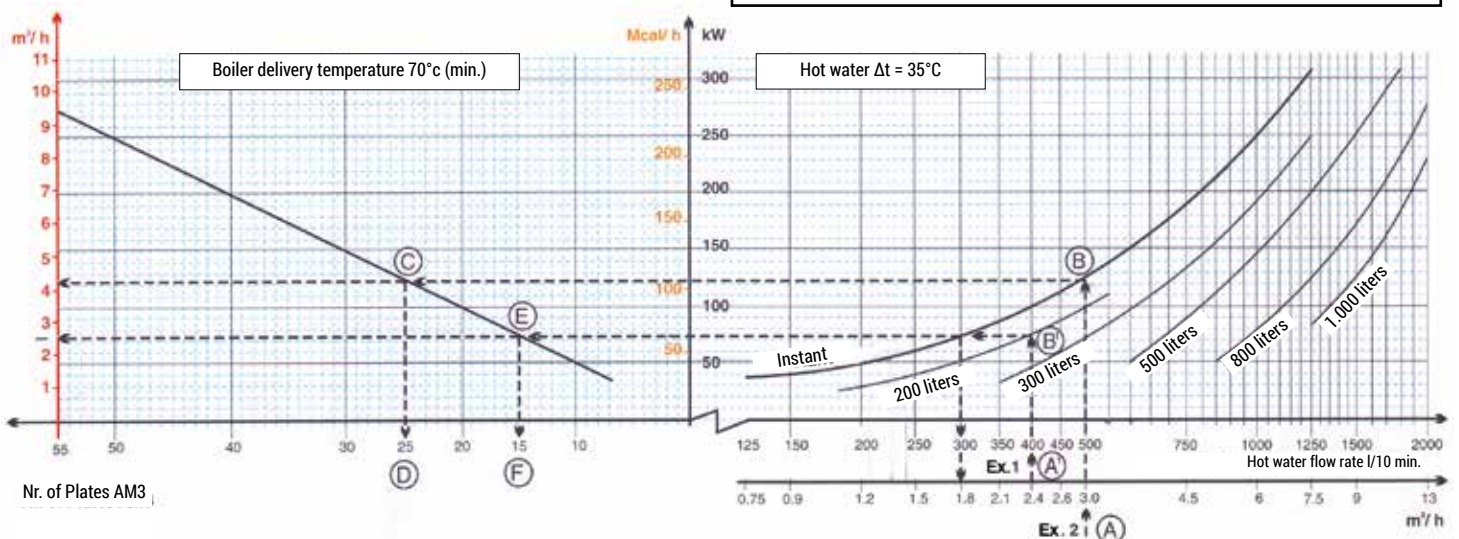
EXAMPLE

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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