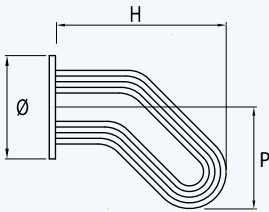




SPARE PARTS & ACCESSORIES



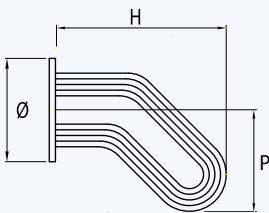
U tube bundle removable heat exchangers for primary water



Curved U tube bundle heat exchanger for water made by AISI 316L Stainless steel expanded over a stainless steel plate *

To be used in combination with ATX & ATV models

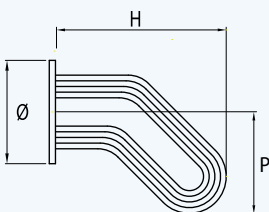
CODE	AREA (m ²)	Ø (mm)	H (mm)	P (mm)
FTII 05/C	0,50	290	460	190
FTII 07/C	0,75	290	460	190
FTII 10/C	1,00	290	500	255
FTII 15/C	1,50	380	500	355
FTII 20/C	2,00	380	500	355
FTII 30/C	3,00	380	630	355
FTII 40/C	4,00	430	625	430
FTII 50/C	5,00	430	750	445
FTII 60/C	6,00	430	830	510
FTII 80/C	8,00	430	1340	465
FTII 100/C	10,00	430	1540	550



Curved U tube bundle heat exchanger for water made by AISI 304 Stainless steel expanded over a PTFE lined plate *

To be used in combination with ATV models

CODE	AREA (m ²)	Ø (mm)	H (mm)	P (mm)
FTIT 05/C	0,50	290	460	190
FTIT 07/C	0,75	290	460	190
FTIT 10/C	1,00	290	500	255
FTIT 15/C	1,50	380	500	355
FTIT 20/C	2,00	380	500	355
FTIT 30/C	3,00	380	630	355
FTIT 40/C	4,00	430	625	430
FTIT 50/C	5,00	430	750	445
FTIT 80/C	8,00	430	1340	465
FTIT 100/C	10,00	430	1540	550



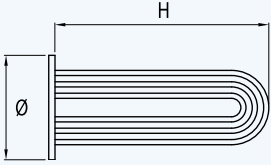
Curved U tube bundle heat exchanger for water made by AISI 304 Stainless steel expanded over a PTFE lined plate *

To be used in combination with ATK & ATKL models or with cylinders with a Ø 480 mm flange

CODE	AREA (m ²)	Ø (mm)	H (mm)	P (mm)
FTIT 4 30/C	3,00	480	595	430
FTIT 4 40/C	4,00	480	625	430
FTIT 4 50/C	5,00	480	750	445
FTIT 4 60/C	6,00	480	830	510
FTIT 4 80/C	8,00	480	1340	465
FTIT 4 100/C	10,00	480	1540	550

* Supplied with gaskets-set, insulating busings and bolts

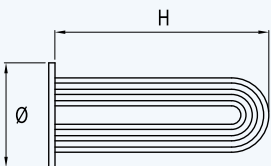
U tube bundle removable heat exchangers for primary water



Straight U tube bundle heat exchanger for water made by AISI 316L Stainless steel expanded over a stainless steel plate *

To be used in combination with ATX/ATV/ATK/ATKL models

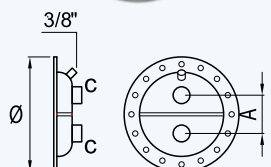
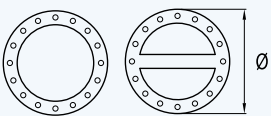
CODE	AREA (m ²)	ø (mm)	H (mm)
FTII 05	0,50	290	445
FTII 07	0,75	290	495
FTII 10	1,00	290	555
FTII 15	1,50	380	600
FTII 20	2,00	380	600
FTII 30	3,00	380	720
FTII 40	4,00	430	750
FTII 50	5,00	430	780
FTII 80	8,00	430	1250
FTII 100	10,00	430	1510



Straight U tube bundle heat exchanger for water made by AISI 304 Stainless steel expanded over a PTFE lined plate *

To be used in combination with ATV/ATK/ATKL models

CODE	AREA (m ²)	ø (mm)	H (mm)
FTIT 05	0,50	290	445
FTIT 07	0,75	290	495
FTIT 10	1,00	290	555
FTIT 15	1,50	380	600
FTIT 20	2,00	380	600
FTIT 30	3,00	380	720
FTIT 40	4,00	430	750
FTIT 50	5,00	430	780
FTIT 80	8,00	430	1250
FTIT 100	10,00	430	1510



Gaskets set for removable heat exchangers

WS3815 Asbestos free, supplied with insulating bushings and bolts

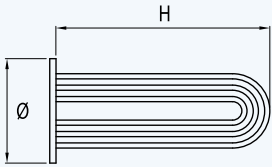
FOR WATER CODE	FOR STEAM CODE	ø (mm)	NUMBER OF HOLES
CGNA 29	CGNV 29	290	12
CGNA 38	CGNV 38	380	19
CGNA 43	CGNV 43	430	22
CGNA48	CGNV 48	480	26

Header for U tube removable heat exchangers (water only)

STAINLESS STEEL CODE	GALVANIZED CODE	ø (mm)	A (mm)	C	NUMBER OF HOLES
TRI 29	TRZ 29	290	115	1"	12
TRI 38	TRZ 38	380	145	2"	19
TRI 43	TRZ 43	430	195	2"	22
TRI 48	TRZ 48	480	195	2"	26

* Supplied with gaskets-set, insulating busings and bolts

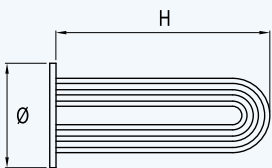
U tube bundle removable heat exchangers for steam



6 & 12 bar PED certified U tube bundle heat exchangers for steam made of AISI 316L stainless steel expanded over an AISI 316L stainless steel plate *

To be used in combination with ATX & ATV models

WORKING PRESSURE 6 bar CODE	WORKING PRESSURE 12 bar CODE	AREA (m ²)	ø (mm)	H (mm)
6 FTII 05	12 FTII 05	0,50	290	445
6 FTII 07	12 FTII 07	0,75	290	495
6 FTII 10	12 FTII 10	1,00	290	555
6 FTII 15	12 FTII 15	1,50	380	600
6 FTII 20	12 FTII 20	2,00	380	600
6 FTII 33	12 FTII 33	3,00	380	720
6 FTII 34	12 FTII 34	3,00	430	720
6 FTII 40	12 FTII 40	4,00	430	750
6 FTII 50	12 FTII 50	5,00	430	780



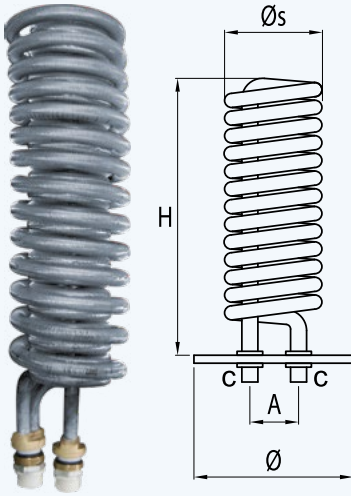
6 & 12 bar PED certified U tube bundle heat exchanger for steam made of AISI 316L stainless steel expanded over an AISI 316L stainless steel plate *

To be used in combination with ATK & ATKL models or with cylinders with a ø 480 mm flange

WORKING PRESSURE 6 bar CODE	WORKING PRESSURE 12 bar CODE	AREA (m ²)	ø (mm)	H (mm)
6 FTII 38	12 FTII 38	3,00	480	720
6 FTII 48	12 FTII 48	4,00	480	750
6 FTII 58	12 FTII 58	5,00	480	780



* Supplied with header, gaskets-set, insulating busings and bolts

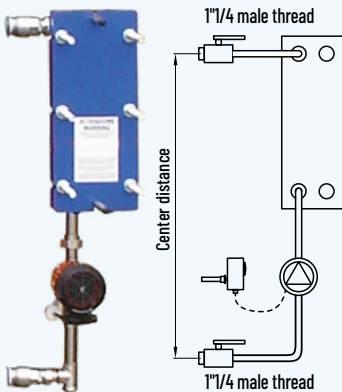


Tinned finned copper heat exchangers Expanded over a glass lined plate

CODE	AREA (m ²)	SIZES (mm)				CONNECTIONS C
		Ø	H	Ø S	A	
SRA 07	0,76	290	400	145	70	¾" male thread
SRA 09/2	0,94	290	400	145	70	¾" male thread
SRA 09/3	0,94	380	400	145	70	¾" male thread
SRA 15/2	1,58	290	460	170	70	¾" male thread
SRA 15/3	1,58	380	460	170	70	¾" male thread
SRA 26	2,63	380	610	190	70	¾" male thread
SRA 31/3	3,17	380	680	190	70	¾" male thread
SRA 31/4	3,17	430	680	190	70	¾" male thread
SRA 45/3	4,54	380	800	190	90	1" male thread
SRA 45/4	4,54	430	800	190	90	1" male thread
SRA 52/4	5,26	430	910	190	90	1" male thread
SRA 52/5	5,26	480*	910	190	90	1" male thread
SRA 63/4	6,34	480*	1070	190	90	1" male thread
SRA 63/5	6,34	480*	1070	190	90	1" male thread

* Expanded over a Keramtech lined plate

Warning: pay attention to check that the diameter of the heat exchanger plate matches the diameter of the flange on the cylinder



Fresh water station kits for DHW with plate heat exchanger

Comes with AISI 316 stainless steel plate heat exchanger (gasketed or brazed), circulation pump, thermostat and connection fittings.

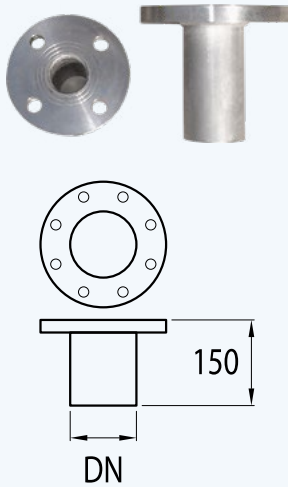
To be used in combination with ATX (up to 2000 litres) and ATV models

GASKETED PLATE HEAT EXCHANGER SET CODE		BRAZED PLATE HEAT EXCHANGER SET CODE		POWER (kW) *	CONTINUOUS DHW PRODUCTION (L/h)
PHE MODEL		PHE MODEL			
K 35	T4B-6N0/8	K35 S	SB 40-20	35	860
K 70	T4B-6N0/12	K70 S	SB 40-40	70	1720
K 116	T4B-6N0/20	K116 S	SB 50-40	116	2850
K 151	T4B-6N0/26	K 151 S	SB 50-50	151	3710
K 200	T4B-6N0/36	K 200 S	SB 50-60	200	4914

* Values calculated at the following temperatures: Boiler 80-60 °C - DHW 10-45 °C

Further performances of these kits are available on the Freshwater station section at page 228

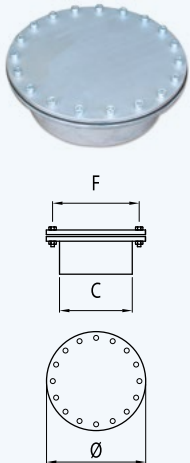
Warning: when ordering a kit, it is important to specify the code of the buffer store where the kit must be installed/replaced.



Flanged connections UNI EN 1092-1

For bespoke manufacturing or retrofitting operations

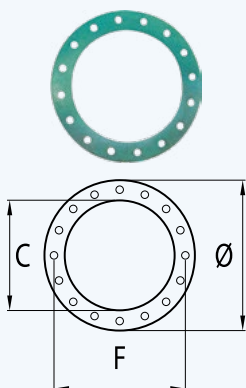
STAINLESS STEEL CODE	GALVANIZED STEEL CODE	PAINTED CARBON STEEL CODE	Ø
DN15 X	DN15 Z	DN15 V	DN 15
DN20 X	DN20 Z	DN20 V	DN 20
DN25 X	DN25 Z	DN25 V	DN 25
DN32 X	DN32 Z	DN32 V	DN 32
DN40 X	DN40 Z	DN40 V	DN 40
DN50 X	DN50 Z	DN50 V	DN 50
DN65 X	DN65 Z	DN65 V	DN 65
DN80 X	DN80 Z	DN80 V	DN 80
DN100 X	DN100 Z	DN100 V	DN 100
DN125 X	DN125 Z	DN125 V	DN 125
DN150 X	DN150 Z	DN150 V	DN 150
DN175 X	DN175 Z	DN175 V	DN 175
DN200 X	DN200 Z	DN200 V	DN 200
DN250 X	DN250 Z	DN250 V	DN 250
DN300 X	DN300 Z	DN300 V	DN 300
DN350 X	DN350 Z	DN350 V	DN 350
DN400 X	DN400 Z	DN400 V	DN 400
DN450 X	DN450 Z	DN450 V	DN 450
DN500 X	DN500 Z	DN500 V	DN 500



Inspection hatch with gasket and bolts

For bespoke manufacturing or retrofitting operations

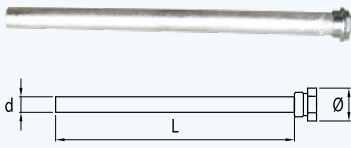
STAINLESS STEEL CODE	PAINTED CARBON STEEL CODE	Ø (mm)	C	F	BOLTS
BCP 18 X	BCP 18 VN	180	120	150	8 M10/12
BCP 24 X	BCP 24 VN	240	170	210	12 M12
BCP 29 X	BCP 29 VN	290	220	260	12 M12
BCP 38 X	BCP 38 VN	380	300	344	19 Ø 14
BCP 43 X	BCP 43 VN	430	350	396	22 Ø 14
BCP 48 X	BCP 48 VN	480	400	444	26 Ø 14
BCP 62 X	BCP 62 VN	620	520	568	24 Ø 18



Gaskets for inspection hatches

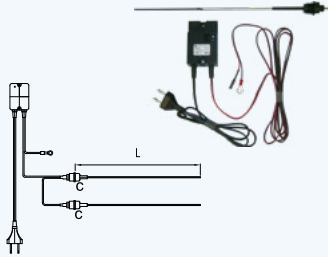
Made of rubber or asbestos free organic fiber

EPDM CODE	FIBER CODE	SIZES (mm) Ø	C	F
GG 18	GNA 18	180	120	150
-	GNA 24	240	170	210
GG 29	GNA 29	290	220	260
-	GNA 38	380	300	345
-	GNA 43	430	350	396
-	GNA 48	480	400	444
-	GNA 62	620	520	568



Sacrificial magnesium anode

CODE	∅	L (mm)	D (mm)	CYLINDER CAPACITY (L)
AM 22	1 1/4"	400	22	100-800
AM 32	1 1/4"	500	32	1000-5000



Impressed current cathodic protection

CODE	NUMBER OF ELECTRODES	C	L (mm)	CYLINDER CAPACITY (L)
EPS 375/125/1	1	1/2"	375	150-1000
EPS 375/125/2	2	1/2"	375	1500-2000
EPS 700/200/2	2	1/2"	700	2500-5000



DHW Recirculation kit for combined buffer store

CODE	COMBINED BUFFER STORE MODEL
RCR	Maxiwarm - Solarmax



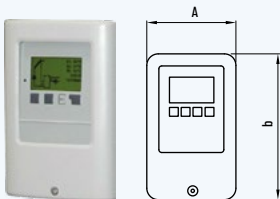
Thermostat for hot water with probe

CODE	PROBE ∅	L (mm)
TSC	1/2"	100



Thermostat for hot water with probe

CODE	PROBE ∅	L (mm)
TMC	1/2"	100

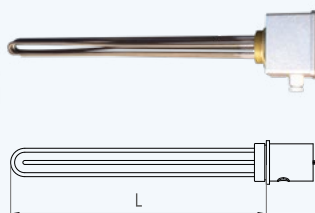


Electronic control unit for calorifier with 3 temperature sensors

CODE	SIZES A (mm)	B (mm)
CGB	110	165

- Interactive configuration menu available in 4 languages
- 8 hydraulic systems configurations available
- Solar system differential control
- Solar circulation pump control: PWM, 0-10V Asynchronous
- Temperature control of calorifier (2 sensors) & solar collector (1 sensor)

- Electric NO contact (230V - max 13A - max 2,5 kW) to activate an auxiliary boiler or immersion heater
- Anti legionella cycle management through solar system or immersion heater
- Optional management of DHW recirculation with the option to read a further temperature sensor



Stainless steel electric immersion heater for water

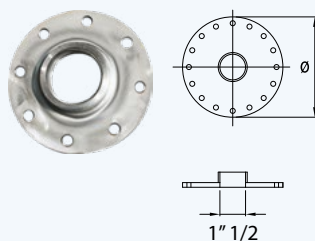
1"½ screwed connection - IP 65 protection rate - Thermostat range 30-70 °C
With safety thermostat

CODE	POWER (W)	L (mm)	SOURCE
REX 15 M	1500	320	1 ~ 230 V
REX 20 M	2000	320	1 ~ 230 V
REX 30 M	3000	320	1 ~ 230 V
REX 30 T	3000	300	3 ~ 400 V
REX 40 T	4000	400	3 ~ 400 V
REX 50 T	5000	500	3 ~ 400 V
REX 60 T	6000	600	3 ~ 400 V
REX 75 T	7500	700	3 ~ 400 V
REX 90 T	9000	700	3 ~ 400 V
REX 120 T	12000	850	3 ~ 400 V

Screwed immersion heaters/cylinders compatibility chart

POWER (W)	CAPACITY 150	200	300	400	500	600	800-5000
1500	✓	✓	✓	✓	✓	✓	✓
2000	✓	✓	✓	✓	✓	✓	✓
3000	✓	✓	✓	✓	✓	✓	✓
4000	✓	✓	✓	✓	✓	✓	✓
5000			✓*	✓	✓	✓	✓
6000				✓	✓	✓	✓
7500							✓
9000							✓
12000							✓

* only for models ELX/ELV/ATX/ATV/BV1X/BV1V1/BV2X/BV2V/PF

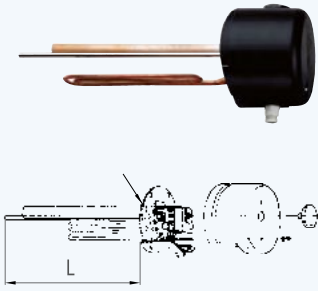


Flange with adaptor for screwed immersion heaters

**It allows to install the REX series immersion heaters over the inspection hatch.
The type of flange to be used must match the diameter of the inspection hatch of the cylinder and must be of the same material**

STAINLESS STEEL FLANGE CODE	GLASS LINED FLANGE CODE	KERAMTECH LINED FLANGE CODE	FLANGE Ø (mm)	NUMBER OF HOLES
CRI 180	CRV 180	-	180	8
CRI 290	CRV 290	-	290	12
CRI 380	CRV 380	CRK 380	380	19
CRI 430	CRV 430	CRK 430	430	22
-	-	CRK 480	480	26

On demand it is possible to supply flanges with more adaptors. Contact us for more information

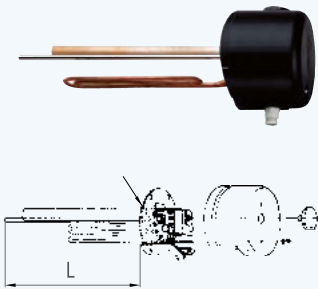


120/180 mm flanged incoloy electric immersion heater

Equipped with gasket and magnesium anode - IP 44 protection rate - Thermostat range 15-85 °C and safety thermostat.

To be used with all types of cylinders with inspection hatch

CODE	POWER (W)	L (mm)	SOURCE
R18-25MIN	2500	450	1 ~ 230 V
R18-25TIN	2500	450	3 ~ 400 V
R18-30TIN	3000	450	3 ~ 400 V
R18-33MIN	3300	450	1 ~ 230 V
R18-38TIN	3800	450	3 ~ 400 V
R18-50TIN	5000	450	3 ~ 400 V
R18-60TIN	6000	450	3 ~ 400 V
R18-75TIN	7500	450	3 ~ 400 V
R18-99TIN	9900	450	3 ~ 400 V

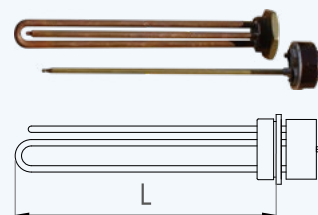


120/180 mm flanged copper electric immersion heater

Equipped with gasket and magnesium anode- IP 44 protection rate - Thermostat range 15-85 °C and safety thermostat.

To be used only with glass lined cylinders with inspection hatch

CODE	POWER (W)	L (mm)	SOURCE
R18-20M	2000	450	1 ~ 230 V
R18-25M	2500	450	1 ~ 230 V
R18-25T	2500	450	3 ~ 400 V
R18-30T	3000	450	3 ~ 400 V
R18-33M	3300	450	1 ~ 230 V
R18-38T	3800	450	3 ~ 400 V
R18-50T	5000	450	3 ~ 400 V
R18-60T	6000	450	3 ~ 400 V
R18-75T	7500	450	3 ~ 400 V
R18-99T	9900	450	3 ~ 400 V



Copper electric immersion heater

1 1/4" screwed connection - IP 20 protection rate
 Thermostat range 20-70 °C.

For BMX-BMV-SCN models

CODE	POWER (W)	L (mm)	SOURCE
RER 15	1500	300	1 ~ 230 V
RER 20	2000	300	1 ~ 230 V
RER 30	3000	400	1 ~ 230 V