



Pricelist

Heating and cooling systems – 2013

Pricelist, Listino Prezzi, Preisliste, Prislita, Lista de Precios, Liste de Prix, Hinnasto, Cennik, Prislite, Ceník, Lista de Preços



Alfa Laval pricelist for heating and cooling systems 2013

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Dear customer

This price list is valid from 01.01.2013; all previous price lists will lose their validity at this date. The prices shown in this list are our gross prices, based on Term of delivery according to Incoterm 2000, including export packing and loading at production unit (FCA Production site), excluding VAT and export/import duties. "The General Conditions of the selling Alfa Laval Group company apply to all purchases of products contained in this pricelist. These conditions apply whether or not a copy is attached to the order confirmation or whether a reference is made in the order confirmation. A copy of these General Conditions can be obtained from the selling Alfa Laval Group company". Prices are subject to change without notice. While every precaution has been taken, Alfa Laval assumes no responsibility for errors or omission, or for damage resulting from the information contained herein.

Heating systems



Micro

Micro is a range of substations for apartments or single family houses. This product can be used in primary heating networks or local heating networks for direct connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance of for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy

	Design temperature	Design pressure
District heating	100°C	6 bar
Secondary heating	100°C	6 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Micro	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Micro-CA	Alfa Laval	110 x ¾"	305	200	460	15	737238	1273
Micro-VASA-VASH	Alfa Laval	110 x ¾"	305	200	460	15	737239	1311
Micro-VASA-CA	Alfa Laval	110 x ¾"	305	200	460	15	737240	1301
Micro-VASA-VASH-CA	Alfa Laval	110 x ¾"	305	200	460	15	737241	1360



Mini City Direct HTC

Mini City Direct is a range of substations for apartments or single-family houses. This product can be used in district heating networks or local heating networks for direct connection.

- Complete installation package - Tap water and space heating
- Good performance of tap water - Reliable tap water control
- Reduces the use of energy - Insulated pipes and heat exchanger
- Best performance for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Improved indoor climate - Prepared for indoor temperature controller
- If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")

Direct connection	Design temperature	Design pressure
Primary heating	100°C	10 bar
Secondary heating	100°C	10 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini City Direct HTC	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini City-D-HTC-9-2.5-2.5-DP-130-S-C	Honeywell	130 x 1"	422	330	728	15	738643	1703
Mini City-D-HTC-9-2.5-2.5-DP-130-S	Honeywell	130 x 1"	422	330	728	15	738639	1626
Mini City-D-HTC-9-2.5-2.5-DP-130-S-C-I	Honeywell	130 x 1"	422	330	728	15	738644	1907
Mini City-D-HTC-9-2.5-2.5-DP-130-S-I	Honeywell	130 x 1"	422	330	728	15	738640	1830

Options

Mini City Direct HTC	Part number	Price
Adapter energy meter 3/4"-1"	732545	24

Mini City Direct



Mini City Direct

Mini City Direct is a range of substations for apartments or single-family houses. This product can be used in district heating networks or local heating networks for direct connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Improved indoor climate - Protects radiator valves with differential pressure controller
- If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")

Direct connection	Design temperature	Design pressure
Primary heating	100°C	10 bar
Secondary heating	100°C	10 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini City Direct	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini City-D-707-10-2.5-2.5-130-S-C-EU	Honeywell	130 x 1"	422	330	728	20	738006	2004
Mini City-D-707-10-2.5-2.5-130-S-EU	Honeywell	130 x 1"	422	330	728	20	738603	1914
Mini City-D-707-10-2.5-2.5-130-S-C-UK	Honeywell	130 x 1"	422	330	728	20	737982	2004
Mini City-D-707-FS-10-2.5-2.5-130-S-EU	Honeywell	130 x 1"	422	330	728	20	738602	2112
Mini City-D-707-FS-10-2.5-2.5-130-S-C-EU	Honeywell	130 x 1"	422	330	728	20	738005	2202
Mini City-D-707-FS-10-2.5-2.5-130-S-C-UK	Honeywell	130 x 1"	422	330	728	20	737983	2202

Options

Mini City Direct HTC	Part number	Price
Adapter energy meter 3/4"-1"	732545	24



Mini City Direct STC

Mini City Direct STC is a range of substations for apartments or single-family houses. This product can be used in district heating networks or local heating networks for direct connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Reduces the use of energy - Insulated pipes and heat exchanger
- Best performance for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Prepared for multi heat source - Lowest possible return temperature
- Improved indoor climate - Optimized indoor temperature controller
- Keeps the use of electricity to a minimum - A-class circulation pump
- If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")

Direct connection	Design temperature	Design pressure
Primary heating	100°C	10 bar
Secondary heating	100°C	10 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini City Direct STC	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini City-D-STC-GE-737-O-9-2.5-0.63-110-S-C-EU	Honeywell	130 x 1"	422	330	728	20	738541	2128
Mini City-D-STC-GE-737-O-9-2.5-0.63-110-S-EU	Honeywell	130 x 1"	422	330	728	20	738578	2038
Mini City-D-STC-GE-737-O-9-2.5-0.63-DP-110-S-C-EU	Honeywell	130 x 1"	422	330	728	20	738543	2337
Mini City-D-STC-GE-737-O-9-2.5-0.63-DP-110-S-C-I-EU	Honeywell	130 x 1"	422	330	728	20	738594	2541
Mini City-D-STC-G-737-O-9-2.5-0.63-110-S-I-EU	Honeywell	130 x 1"	422	330	728	20	738631	2054

Options

Mini City Direct HTC	Part number	Price
Adapter energy meter 3/4"-1"	732545	24

Mini City Indirect HTC



Mini City Indirect HTC

Mini City Indirect HTC is a range of substations for apartments or single-family houses. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - tap water and space heating
- Good performance of tap water - Reliable tap water control
- Reduces the use of energy - Insulated pipes and heat exchanger
- Best performance for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Improved indoor climate - Prepared for indoor temperature controller
- If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")

Indirect connection	Design temperature	Design pressure
Primary heating	100°C	10 bar
Secondary heating	100°C	10 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini City Indirect	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini City-I-HTC-9-2.5-2.5-DP-130-S	Honeywell	130 x 1"	422	330	728	15	738753	2114
Mini City-I-HTC-9-2.5-2.5-DP-130-S-I	Honeywell	130 x 1"	422	330	728	15	738754	2352
Mini City-I-HTC-9-2.5-2.5-DP-130-S-C	Honeywell	130 x 1"	422	330	728	15	738755	2204
Mini City-I-HTC-9-2.5-2.5-DP-130-S-C-I	Honeywell	130 x 1"	422	330	728	15	738756	2441

Options

Mini City Indirect	Part number	Price
Adapter energy meter 3/4"-1"	732545	24
Underfloor heating thermostat indirect	AM-1069	162
Installation kit for upward connection indirect, primary	AM-1066	58



Mini City Indirect

Mini City Indirect is a range of substations for apartments or single-family houses. This product can be used in primary heating networks or local heating networks for indirect connection.

- Complete installation package - tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Prepared for multi heat source - Lowest return temperature possible
- Improved indoor climate - Optimized indoor temperature controller
- Keeps the use of electricity to a minimum - A-class circulation pump
- If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")

Indirect connection	Design temperature	Design pressure
District heating	120°C	16 bar
Secondary heating	100°C	10 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini City Indirect	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini City-I-G-737-O-9-MIX-2,5-0,4-130-S-C	Honeywell	130 x 1"	422	330	700	26	738011	2681
Mini City-I-G-737-O-9-2,5-0,4-130-S-C	Honeywell	130 x 1"	422	330	700	26	738012	2551
Mini City-I-G-737-10-2,5-1,0-130-S-C-UK	Honeywell	130 x 1"	422	330	700	26	738013	2592
Mini City-I-G-737-FS-10-2,5-1,0-130-S-C-UK	Honeywell	130 x 1"	422	330	700	26	738014	2802
Mini City-I-GE-737-O-9-MIX-2,5-0,4-130-S-C	Honeywell	130 x 1"	422	330	700	26	738292	2826
Mini City-I-GE-737-O-9-2,5-0,4-130-S-C	Honeywell	130 x 1"	422	330	700	26	738293	2696
Mini City-I-GE-737-10-2,5-1,0-130-S-C-UK	Honeywell	130 x 1"	422	330	700	26	738294	2737
Mini City-I-GE-737-FS-10-2,5-1,0-130-S-C-UK	Honeywell	130 x 1"	422	330	700	26	738295	2948
Mini City-I-G-737-10-2,5-1,0-130-S-UK	Honeywell	130 x 1"	422	330	700	26	738573	2504
Mini City-I-G-737-FS-10-2,5-1,0-130-S-UK	Honeywell	130 x 1"	422	330	700	26	738574	2714

Options

Mini City Indirect	Part number	Price
Adapter energy meter 3/4"-1"	732545	24
Underfloor heating thermostat indirect	AM-1069	162
Installation kit for upward connection indirect, primary	AM-1066	58
Installation kit for upward connection indirect, tap water	AM-1067	84
Installation kit for upward connection indirect, heating	AM-1068	76



Mini/Mini ECO

Mini/Mini ECO is a range of substations for apartments or single-family houses. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance of for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Prepared for multi heat source - Lowest possible return temperature
- Improved indoor climate - Optimized indoor temperature controller
- Keeps the use of electricity to a minimum - A-class circulation pump
- Short installation time - Easy to install with up/down connections

Direct connection	Design temperature	Design pressure
Primary heating	120°C	16 bar
Secondary heating	100°C	6 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini/Mini ECO	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini-3-G1-H737IS-O-9-STL-2,5-0,63-C	Honeywell	130 x 1"	577	458	770	31	738346	3068
Mini ECO-3-GE1-H737IS-O-9-STL-2,5-0,63-C	Honeywell	130 x 1"	577	458	770	31	738347	3213
Mini ECO-3-GE1-H737IS-O-9-2,5-0,63-C	Honeywell	130 x 1"	577	458	770	31	738349	3175
Mini ECO-4-FI-GE1-H737IS-O-10-4,0-0,4-C	Honeywell	130 x 1"	577	458	770	31	738353	4054
Mini ECO-5-GE2-H737IS-O-TH-9-STL-2,5-0,4-C	Honeywell	130 x 1"	577	458	770	33	738355	3724
Mini ECO-5-GE2-H737IS-O-TH-9-2,5-0,4-C	Honeywell	130 x 1"	577	458	770	31	738357	3686
Mini ECO-6-FI-GE2-H737IS-O-TH-10-4,0-0,25-C	Honeywell	130 x 1"	577	458	770	31	738361	4565
Mini ECO-3-GE1-H737IS-FS-9-2,5-0,63-C	Honeywell	130 x 1"	577	458	770	31	738363	3385

Options

Mini/Mini ECO	Part number	Price
Adapter energy meter 3/4"-1"	732545	24
Underfloor heating thermostat	AM-1069	162
Bypass primary side	734133	216



Mini XL

Mini XL is a range of substations for single-family houses and multi-family buildings. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance of for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Prepared for multi heat source - Lowest possible return temperature
- Improved indoor climate - Optimized indoor temperature controller
- Keeps the use of electricity to a minimum - A-class circulation pump
- Short installation time - Easy to install with up/down connections

	Design temperature	Design pressure
District heating	120°C	16 bar
Secondary heating	100°C	6 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini XL	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini XL-6-GE2-H737IS-O-9-4,0-1,6-C	Honeywell	130 x 1"	577	458	770	33	738390	4018
Mini XL-6-GE2-RVS46IS-O-9-4,0-1,6-C	Siemens	130 x 1"	577	458	770	33	738400	4237

Options

Mini XL	Part number	Price
Adapter energy meter 3/4"-1"	732545	24
Under floor heating thermostat	AM-1069	162
Bypass primary side	734133	216

Mini Plus



Mini Plus

Mini Plus is a range of substations for single-family houses and multi-family buildings. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - Tap water and space heating
- Best performance of tap water - Unique tap water control
- Best performance of for long term use - Stainless steel piping
- Space saving design - Small size and low weight
- Reduces the use of energy - Connection for individual measuring of use of energy
- Prepared for multi heat source - Lowest possible return temperature
- Improved indoor climate - Optimized indoor temperature controller
- Keeps the use of electricity to a minimum - A-class circulation pump
- Short installation time - Easy to install with up/down connections

	Design temperature	Design pressure
District heating	120°C	16 bar
Secondary heating	100°C	6 bar
Domestic hot water (DHW)	100°C	10 bar

Description

Mini Plus	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Mini Plus-GE2-SR144-FS-1,6-1,6-DHWC-T-C	Siemens	130 x 1"	600	470	1000	41	738548	4882
Mini Plus-GE3-SR144-FS-1,6-1,6-DHWC-T-C	Siemens	130 x 1"	600	470	1000	41	738549	5383
Mini Plus-GE2-H737-2,5-1,6-DHWC-T-C	Honeywell	130 x 1"	600	470	1000	41	738560	4020
Mini Plus-GE3-H737-2,5-1,6-DHWC-T-C	Honeywell	130 x 1"	600	470	1000	41	738561	4521



Midi Basic

Midi Basic is a range of substations for multi-family buildings up to 30 apartments. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - Tap water and space heating
- Space saving design - Small size and low weight
- Available in three sizes - 70,100 and 135 kW heating
- Short installation time - Easy to install, plug and play
- Keeps the use of electricity to a minimum - A class pumps
- Best performance for long term use - Stainless steel piping
- Best €/kW
- Reduces the use of energy - Individual measuring of energy

	Design temperature	Design pressure
District heating	120°C	16 bar
Secondary heating	90°C	6 bar
Domestic hot water (DHW)	90°C	10 bar

Description

Midi Basic	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
Midi Basic-70-H-GM1-TA-1.6-1.6	Schneider valves	190 x 1"	800	570	1100	64	738663	4410
Midi Basic-100-H-GM1-TA-1.6-1.6	Schneider valves	190 x 1"	800	570	1100	68	738664	4793
Midi Basic-135-H-GM1-TA-2.5-2.5	Schneider valves	190 x 1"	800	570	1100	72	738665	5560
Midi Basic-70-H-GM1-SR-1.6-1.6	Siemens valves	190 x 1"	800	570	1100	63	738666	4122
Midi Basic-100-H-GM1-SR-1.6-1.6	Siemens valves	190 x 1"	800	570	1100	67	738667	4506
Midi Basic-135-H-GM1-SR-2.5-2.5	Siemens valves	190 x 1"	800	570	1100	71	738668	5273
Midi Basic-70-H-GM1-TA2222-1.6-1.6	Schneider TA2222	190 x 1"	800	570	1100	72	738669	6327
Midi Basic-100-H-GM1-TA2222-1.6-1.6	Schneider TA2222	190 x 1"	800	570	1100	76	738670	6711
Midi Basic-135-H-GM1-TA2222-2.5-2.5	Schneider TA2222	190 x 1"	800	570	1100	80	738671	7477
Midi Basic-70-H-GM1-SR144-1.6-1.6	Siemens SR144	190 x 1"	800	570	1100	67	738672	5465
Midi Basic-100-H-GM1-SR144-1.6-1.6	Siemens SR144	190 x 1"	800	570	1100	71	738673	5848
Midi Basic-135-H-GM1-SR144-2.5-2.5	Siemens SR144	190 x 1"	800	570	1100	75	738674	6327

Options Midi Basic	Description	Connections (energy meter)	Weight (kg)	Part number	Price
3-point f angled HB measurement	Meter section	260 x F25	10	738662	1122
GENI Module Magna 25-100				SP-1104	204
Floor support				FR-1183	192
Adjustment valve DHWC				VAB-1013	128
Floor heating thermostat				AM-1069	162



Midi Compact

Midi Compact is a range of substations for multi-family buildings up to 50 apartments. This product can be used in district heating networks or local heating networks for indirect connection.

- Complete installation package - Tap water and space heating available in 4 sizes 80, 100, 160 and 200 kW
- Optimized price/performance, Alfa Laval world class technology heat exchangers, optimized parameters settings on the control loops and 2-step for lowest return temperature and best control performance.
- Keeps the use of electricity to a minimum - A class pumps
- Short delivery time, shipment from warehouse - Easy to install just plug and play
- Extremely small footprint, optimized compact design and low weight with good accessibility for service and maintenance
- Best performance for long term use - Stainless steel piping
- Reduces the use of energy - Individual measuring of energy available
- Available with IQ Heat - one of our most energy efficient solutions

Midi Compact PN16

District heating
Secondary heating
Domestic hot water (DHW)

Design temperature

120°C
100°C
100°C

Design pressure

16 bar
6 bar
10 bar

Description

Midi Compact	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
80-GM1-SR144-1.6-1.6	Siemens SR144	-	679	581	1299	112	738683	5946
100-GM1-SR144-1.6-1.6	Siemens SR144	-	697	581	1299	117	738684	6276
160-GM1-SR144-2.5-2.5	Siemens SR144	-	697	581	1299	122	738685	6806
200-WS3-SR144-2.5-4.0	Siemens SR144	-	726	581	1299	127	738686	7546
80-V-GM1-SR144-1.6-1.6	Siemens SR144	190 x 1"	764	581	1299	115	738687	6296
100-V-GM1-SR144-1.6-1.6	Siemens SR144	190 x 1"	783	581	1299	120	738688	6626
160-V-GM1-SR144-2.5-2.5	Siemens SR144	190 x 1"	783	581	1299	125	738689	7156
200-V-WS3-SR144-2.5-4.0	Siemens SR144	190 x 1"	811	581	1299	130	738690	7896
80-HB-GM1-SR144-1.6-1.6	Siemens SR144	260 x F25	1092	708	1299	120	738691	7796
100-HB-GM1-SR144-1.6-1.6	Siemens SR144	260 x F25	1092	708	1299	125	738692	8126
160-HB-GM1-SR144-2.5-2.5	Siemens SR144	260 x F25	1092	708	1299	130	738693	8656
200-HB-WS3-SR144-2.5-4.0	Siemens SR144	260 x F25	1092	708	1299	135	738694	9396
80-HBM-GM1-SR144-1.6-1.6	Siemens SR144	260 x F25	1120	708	1299	120	738743	8146
100-HBM-GM1-SR144-1.6-1.6	Siemens SR144	260 x F25	1120	708	1299	125	738744	8476
160-HBM-GM1-SR144-2.5-2.5	Siemens SR144	260 x F25	1120	708	1299	130	738745	9006
200-HBM-WS3-SR144-2.5-4.0	Siemens SR144	260 x F25	1120	708	1299	135	738746	9746
80-GM1-SR-1.6-1.6	Siemens valves	-	679	581	1299	106	738695	4546
100-GM1-SR-1.6-1.6	Siemens valves	-	697	581	1299	111	738696	4876
160-GM1-SR-2.5-2.5	Siemens valves	-	697	581	1299	116	738697	5406
200-WS2-SR-2.5-4.0	Siemens valves	-	726	581	1299	121	738698	6146
80-V-GM1-SR-1.6-1.6	Siemens valves	190 x 1"	764	581	1299	109	738699	4896
100-V-GM1-SR-1.6-1.6	Siemens valves	190 x 1"	783	581	1299	114	738700	5226
160-V-GM1-SR-2.5-2.5	Siemens valves	190 x 1"	783	581	1299	119	738701	5756
200-V-WS2-SR-2.5-4.0	Siemens valves	190 x 1"	811	581	1299	124	738702	6496

Midi Compact	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
80-GM1-TA2222-1.6-1.6	Schneider TA2222	-	679	581	1299	112	738707	6700
100-GM1-TA2222-1.6-1.6	Schneider TA2222	-	697	581	1299	117	738708	7030
160-GM1-TA2222-2.5-2.5	Schneider TA2222	-	697	581	1299	122	738709	7560
200-WS3-TA2222-2.5-4.0	Schneider TA2222	-	726	581	1299	127	738710	8300
80-V-GM1-TA2222-1.6-1.6	Schneider TA2222	190 x 1"	764	581	1299	115	738711	7050
100-V-GM1-TA2222-1.6-1.6	Schneider TA2222	190 x 1"	783	581	1299	120	738712	7380
160-V-GM1-TA2222-2.5-2.5	Schneider TA2222	190 x 1"	783	581	1299	125	738713	7910
200-V-WS3-TA2222-2.5-4.0	Schneider TA2222	190 x 1"	811	581	1299	130	738714	8650
80-HB-GM1-TA2222-1.6-1.6	Schneider TA2222	260 x F25	1092	708	1299	120	738715	8550
100-HB-GM1-TA2222-1.6-1.6	Schneider TA2222	260 x F25	1092	708	1299	125	738716	8880
160-HB-GM1-TA2222-2.5-2.5	Schneider TA2222	260 x F25	1092	708	1299	130	738717	9410
200-HB-WS3-TA2222-2.5-4.0	Schneider TA2222	260 x F25	1092	708	1299	135	738718	10150
80-GM1-TA-1.6-1.6	Schneider valves	-	679	581	1299	106	738719	4600
100-GM1-TA-1.6-1.6	Schneider valves	-	697	581	1299	111	738720	4930
160-GM1-TA-2.5-2.5	Schneider valves	-	697	581	1299	116	738721	5460
200-WS2-TA-2.5-4.0	Schneider valves	-	726	581	1299	121	738722	6200
80-V-GM1-TA-1.6-1.6	Schneider valves	190 x 1"	764	581	1299	109	738723	4950
100-V-GM1-TA-1.6-1.6	Schneider valves	190 x 1"	783	581	1299	114	738724	5280
160-V-GM1-TA-2.5-2.5	Schneider valves	190 x 1"	783	581	1299	119	738725	5810
200-V-WS2-TA-2.5-4.0	Schneider valves	190 x 1"	811	581	1299	124	738726	6550
80-GM1-H737S-4.0-1.6	Honeywell/Samson	-	679	581	1299	112	738731	5516
100-GM1-H737S-6.3-1.6	Honeywell/Samson	-	697	581	1299	117	738732	5846
160-GM1-H737S-6.3-2.5	Honeywell/Samson	-	697	581	1299	122	738733	6376
200-WS3-H737S-6.3-4.0	Honeywell/Samson	-	726	581	1299	127	738734	7116

Midi Compact PN25
Design temperature
Design pressure

District heating
Secondary heating
Domestic hot water (DHW)

120°C
100°C
100°C

25 bar
6 bar
10 bar

Description

Midi Compact	Control equipment	Connections (energy meter)	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
80-HB-SR144.2-2.5-1.6-PN25	Siemens SR144	260 x F25	935	650	1178	120	738735	8826
100-HB-SR144.2-3.2-2.5-PN25	Siemens SR144	260 x F25	964	650	1178	125	738736	9156
160-HB-SR144.2-3.2-3.2-PN25	Siemens SR144	260 x F25	964	650	1178	130	738737	9686
200-HB-SR144.2-4.0-4.0-PN25	Siemens SR144	260 x F25	993	650	1178	135	738738	10426
80-HB-GM1-TA2222-1.6-1.6-PN25	Schneider TA2222	260 x F25	1092	708	1299	123	738739	9947
100-HB-GM1-TA2222-1.6-2.5-PN25	Schneider TA2222	260 x F25	1092	708	1299	128	738740	10277
160-HB-GM1-TA2222-2.5-4.0-PN25	Schneider TA2222	260 x F25	1092	708	1299	133	738741	10807
200-HB-WS3-TA2222-2.5-4.0-PN25	Schneider TA2222	260 x F25	1092	708	1299	138	738742	11547

Tap water systems



AquaEff ciency AlfaNova® Direct

Fusion bonded heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a conventional tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling
- + Direct version: no storage tank needed, low total cost of ownership, space saving, no risk of legionella

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10 / 60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flowrate m³ / h	Pressure drop DHW Kpa	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
					Part number	Price	Part number	Price
200	100	1,7	13	860 x 600 x 1535	EFF25230IS	5196	EFF25230ID	6265
	150	2,6	12		EFF25240IS	5351	EFF25240ID	6419
	190	3,3	16		EFF25250IS	5502	EFF25250ID	6571
400	240	4,1	6	860 x 600 x 1535	EFF47640IS	7496	EFF47640ID	8569
	340	5,8	8		EFF47650IS	7975	EFF47650ID	9048
	390	6,7	8		EFF47660IS	8373	EFF47660ID	9446
600	500	8,6	9	860 x 600 x 1535	EFF67670IS	9192	EFF67670ID	11419
800	600	10,3	10	860 x 600 x 1535	EFF87680IS	9291	EFF87680ID	11293
900	650	11,2	10	880 x 600 x 1535	EFF97690IS	9793	EFF97690ID	11795
	690	11,9	9		EFF976100IS	9682	EFF976100ID	11684

*In accordance with each country's legislation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaEff ciency Copper Brazed Direct

Copper Brazed heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a conventional tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + Copper Brazed version: value for money, thermal efficiency, limited lime scaling
- + Direct version: no storage tank needed, low total cost of ownership, space saving, no risk of legionella

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10 /60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rate m³ / h	Pressure drop DHW Kpa	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
					Part number	Price	Part number	Price
200	100	1,7	13	860 x 600 x 1535	EFB26030IS	4933	EFB26030ID	5993
	150	2,6	12		EFB26040IS	4953	EFB26040ID	6014
	190	3,3	16		EFB26050IS	5042	EFB26050ID	6103
400	240	4,1	6	860 x 600 x 1535	EFB47640IS	6471	EFB47640ID	7783
	340	5,8	8		EFB47650IS	6666	EFB47650ID	7977
	390	6,7	8		EFB47660IS	6885	EFB47660ID	8197
600	500	8,6	9	860 x 600 x 1535	EFB67670IS	7622	EFB67670ID	10088
800	600	10,3	10	860 x 600 x 1535	EFB87680IS	7871	EFB87680ID	10337
900	650	11,2	10	880 x 600 x 1535	EFB97690IS	8045	EFB97690ID	10510
	690	11,9	9		EFB976100IS	8278	EFB976100ID	10744

* In accordance with each country's legislation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- Copper Brazed insulated heat exchanger
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23/EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaEff ciency Gasketed Direct

Gasketed heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a conventional tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses
- + Direct version: no storage tank needed, low total cost of ownership, space saving, no risk of legionella

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10 / 60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flowrate m³ / h	Pressure drop DHW Kpa	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
					Part number	Price	Part number	Price
200	100	1,7	11	860 x 600 x 1535	EFP213IS	6540	EFP213ID	7648
	150	2,6	9		EFP217IS	6713	EFP217ID	7820
	200	3,4	9		EFP223IS	703	EFP223ID	8031
400	250	4,3	9	860 x 600 x 1535	EFP425IS	7264	EFP425ID	8376
	300	5,2	13		EFP429IS	7386	EFP429ID	8498
	350	6	12		EFP435IS	7608	EFP435ID	8719
	400	6,9	8		EFP449IS	8072	EFP449ID	9421
600	450	7,7	15	860 x 600 x 1535	EFP637IS	8181	EFP637ID	10221
	510	8,8	15		EFP645IS	8700	EFP645ID	10741
800	550	9,5	15	860 x 600 x 1535	EFP849IS	8821	EFP849ID	10862
	600	10,3	14		EFP855IS	9033	FP855ID	11073
900	640	11	14	880 x 600 x 1535	EFP961IS	9215	EFP961ID	11256
	700	12	11		EFP977IS	9700	EFP977ID	11741
	750	12,9	11		EFP997IS	10788	EFP997ID	12829

* In accordance with each country's legislation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- M6 AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial


AquaEff ciency AlfaNova® Indirect

Fusion bonded heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benef ts

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a convential tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling
- + Indirect version: can cope with lower boiler and heat exchanger capacity as storage tank as back-up

Nominal capacities and f ow rates are given for: primary inlet 70°C and DHW 10 /60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nomi- nal ca- pacity kW	DHW f owrate m ³ / h	Available pressure DHW Kpa	L x W x H mm	SS*		DS*		DD*	
					Part number	Price	Part number	Price	Part number	Price
200	100	1,7	32	860 x 600 x 1535	EFF25230SS	6764	EFF25230DS	7833	EFF25230DD	9430
	150	2,6	30		EFF25240SS	6919	EFF25240DS	7988	EFF25240DD	9585
	190	3,3	26		EFF25250SS	7070	EFF25250DS	8139	EFF25250DD	9736
400	240	4,1	32	860 x 600 x 1535	EFF47640SS	9064	EFF47640DS	10137	EFF47640DD	11734
	340	5,8	17		EFF47650SS	9543	EFF47650DS	10616	EFF47650DD	12213
	390	6,7	12		EFF47660SS	9941	EFF47660DS	11014	EFF47660DD	12611
600	500	8,6	16	860 x 600 x 1535	EFF67670SS	10894	EFF67670DS	12896	EFF67670DD	14627
800	600	10,3	10	860 x 600 x 1535	EFF87680SS	11196	EFF87680DS	13198	EFF87680DD	15313
900	650	11,2	64	880 x 600 x 1535	EFF97690SS	12582	EFF97690DS	14584	EFF97690DD	17585
	690	11,9	59		EFF976100SS	12472	EFF976100DS	14474	EFF976100DD	17475

* In accordance with each country's legislation

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- Variable charging speed pump(s): single or double, stainless steel
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial

AquaEff ciency Copper Brazed Indirect



AquaEff ciency Copper Brazed Indirect

Copper Brazed heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a conventional tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + Copper Brazed version: value for money, thermal efficiency, limited lime scaling
- + Indirect version: can cope with lower boiler and heat exchanger capacity as storage tank as back-up

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10 / 60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rate m ³ / h	Available pressure DHW Kpa	L x W x H mm	SS*		DS*		DD*	
					Part number	Price	Part number	Price	Part number	Price
200	100	1,7	32	860 x 600 x 1535	EFB26030SS	6468	EFB26030DS	7497	EFB26030DD	9007
	150	2,6	30		EFB26040SS	6489	EFB26040DS	7517	EFB26040DD	9028
	190	3,3	26		EFB26050SS	6578	EFB26050DS	7606	EFB26050DD	9117
400	240	4,1	32	860 x 600 x 1535	EFB47640SS	8159	EFB47640DS	9439	EFB47640DD	11220
	340	5,8	17		EFB47650SS	8354	EFB47650DS	9634	EFB47650DD	11415
	390	6,7	12		EFB47660SS	8573	EFB47660DS	9853	EFB47660DD	11634
600	500	8,6	16	860 x 600 x 1535	EFB67670SS	9296	EFB67670DS	11762	EFB67670DD	13560
800	600	10,3	10	860 x 600 x 1535	EFB87680SS	9566	EFB87680DS	12031	EFB87680DD	13850
900	650	11,2	64	880 x 600 x 1535	EFB97690SS	10650	EFB97690DS	13115	EFB97690DD	15846
	690	11,9	59		EFB976100SS	10878	EFB976100DS	13349	EFB976100DD	16079

* In accordance with each country's legislation

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- Variable charging speed pump(s): single or double, stainless steel
- Copper Brazed insulated heat exchanger
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaEff ciency Gasketed Indirect

Gasketed heat exchanger unit complete with 3-port control valve, **variable speed pump(s)** and **MODBUS** controller used in conjunction with central boiler plant (best combination with a condensing boiler), designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Annual energy savings of 2200 euros
- + Pay-back period of the extra cost less than 1 year (compared to a conventional tap water system)
- + Ensures the lowest return temperature on primary side
- + Optimum condensation if combined with condensing boiler
- + Unique dual-sensor approach
- + Communication on distance
- + If combined with renewables, optimised energy solution with Alfa Laval's Multi Energy Pilot (see chapter "AlfaPilot")
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses
- + Indirect version: can cope with lower boiler and heat exchanger capacity as storage tank as back-up

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10 / 60 °C

Available pressure on primary side: ≥ 5 Kpa

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rate m ³ / h	Available pressure DHW Kpa	L x W x H mm	SS*		DS*		DD*	
					Part number	Price	Part number	Price	Part number	Price
200	100	1,7	52	860 x 600 x 1535	EFP213SS	8109	EFP213DS	9216	EFP213DD	10813
	150	2,6	36		EFP217SS	8280	EFP217DS	9388	EFP217DD	10985
	200	3,4	36		EFP223SS	8493	EFP223DS	9599	EFP223DD	11197
400	250	4,3	29	860 x 600 x 1535	EFP425SS	8832	EFP425DS	9944	EFP425DD	11541
	300	5,2	17		EFP429SS	8954	EFP429DS	10065	EFP429DD	11663
	350	6	13		EFP435SS	9176	EFP435DS	10287	EFP435DD	11884
	400	6,9	10		EFP449SS	9640	EFP449DS	10988	EFP449DD	12586
600	450	7,7	18	860 x 600 x 1535	EFP637SS	9883	EFP637DS	11923	EFP637DD	13655
	510	8,8	10		EFP645SS	10401	EFP645DS	12442	EFP645DD	14173
800	550	9,5	11	860 x 600 x 1535	EFP849SS	10725	EFP849DS	12766	EFP849DD	14882
	600	10,3	6		EFP855SS	10936	EFP855DS	12977	EFP855DD	15093
900	640	11	60	880 x 600 x 1535	EFP961SS	12004	EFP961DS	14044	EFP961DD	17045
	700	12	58		EFP977SS	12490	EFP977DS	14530	EFP977DD	17531
	750	12,9	58		EFP997SS	13576	EFP997DS	15617	EFP997DD	18618

* In accordance with each country's legislation

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Variable primary speed pump(s): single or double
- Variable charging speed pump(s): single or double, stainless steel
- M6 AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side
- Three temperature sensors NTC20K
- IP54 electrical panel incorporating control (micro 3000) and MODBUS management system
- Scaling and thermal efficiency functions
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AlfaPilot

Multi-Energy Pilot dedicated to renewable energy installations, to be installed on the primary return in parallel of a Primary storage tank. AlfaPilot is programmed to be combined with:

- The Alfa Laval tap water system "AquaEfficiency"
- The Alfa Laval comfort heating system "Mini City"

Key Benefits

- + Priorities always the renewable energy source
- + Completely self-governing, always giving the optimum energy solution at any time
- + Pre-heats even on low return temperatures
- + Ideal for retrofitting on any "AquaEfficiency" & "Mini City" system
- + Autopilot with long distance communication
- + Avoids overheating on solar systems

Necessary data to design an AlfaPilot: Primary flow rate

Operating Limits	Primary
Max. operating pressure bar	10
Max./ Min. operating temperature °C *	110 / 1

Model	Control valve		Primary Flow rate m³/h	Primary Pressure loss Kpa	L x W x H mm	Part number	Price
	Diameter	Kvs					
25	25	10	2	4	680 x 260 x 315	ASTB25	11282
			2.5	6			
			3.6	13			
32	32	16	3	4	720 x 260 x 315	ASTB32	11996
			4	6			
			7.2	20			
40	40	25	5	4	730 x 260 x 315	ASTB40	12055
			6	6			
			15	36			
50	50	40	8	4	800 x 260 x 315	ASTB50	12406
			13	11			
			22	30			

Options	Part number	Price
External sensor NTC20K for Micro3000 controller	OPTSON3000	46

* In accordance with each country's legislation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- One primary NTC20K sensor
- One PT1000 sensor for primary storage tank, including groove of 300 mm, and 10 m long wirings
- One contact PT 1000 sensor with 10 m long wirings
- IP54 electrical panel incorporating control (Micro 3000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23/EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial


SolarFlow AlfaNova®

Fusion bonded heat exchanger designed to **pre-heat domestic hot water** with the use of renewable energies as heating source. SolarFlow has to be connected to a primary storage vessel (see chapter "Primary Tank") on site, that will be connected to solar panels, heat pumps or any other green energy source.

Key Benefits

- + Energy saving up to 50%
- + Priorities always the renewable energy source
- + Avoids any risk of legionella as combined with a Primary tank
- + Retrofitting possible
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10-55°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	Part numbers	Price
25	39	13	535 x 485 x 965	AQFF2510IS + SOLARKITFB	3657
	90	29		AQFF2524IS + SOLARKITFB	3758
	155	50		AQFF2550IS + SOLARKITFB	3943
50	215	68	500 x 500 x 1230	AQFF5040IS + SOLARKITFB	4224
	275	88		AQFF5060IS + SOLARKITFB	4427

- *In accordance with each country's legislation
- For SolarFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- Please consider SolarFlow secondary side pressure drops when calculating total pressure drops of the installation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single headed cast iron primary pump factory fitted and electrically wired
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- PT100, PT1000 and differential temperature controller sensors
- 10 bar pressure relief valve into the sanitary side
- Two dedicated CIP (Cleaning In Place) connections
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



SolarFlow Copper Brazed

Copper Brazed heat exchanger designed to **pre-heat domestic hot water** with the use of renewable energies as heating source. SolarFlow has to be connected to a primary storage vessel (see chapter "Primary Tank") on site, that will be connected to solar panels, heat pumps or any other green energy source.

Key Benefits

- + Energy saving up to 50%
- + Priorities always the renewable energy source
- + Avoids any risk of legionella as combined with a Primary tank
- + Retrofitting possible
- + Copper Brazed version: value for money, thermal efficiency, limited lime scaling

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10-55°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	Part numbers	Price
25	39	13	535 x 485 x 965	AQFB2510IS + SOLARKITFB	3373
	90	29		AQFB2524IS + SOLARKITFB	3417
	155	50		AQFB2550IS + SOLARKITFB	3499
50	215	68	500 x 500 x 1230	AQFB5040IS + SOLARKITFB	3795
	275	88		AQFB5060IS + SOLARKITFB	3902

- * In accordance with each country's legislation
- For SolarFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- Please consider SolarFlow secondary side pressure drops when calculating total pressure drops of the installation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single headed cast iron primary pump factory fitted and electrically wired
- Copper Brazed insulated heat exchanger
- PT100, PT1000 and differential temperature controller sensors
- 10 bar pressure relief valve into the sanitary side
- Two dedicated CIP (Cleaning In Place) connections
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



SolarFlow Gasketed

Gasketed heat exchanger designed to **pre-heat domestic hot water** with the use of renewable energies as heating source. SolarFlow has to be connected to a primary storage vessel (see chapter "Primary Tank") on site, that will be connected to solar panels, heat pumps or any other green energy source.

Key Benefits

- + Energy saving up to 50%
- + Priorities always the renewable energy source
- + Avoids any risk of legionella as combined with a Primary tank
- + Retrofitting possible
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses

Nominal capacities and flow rates are given for: primary inlet 70°C and DHW 10-55°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	Part numbers	Price
100	27	9	600 / 400 / 995	AQF107IS + SOLARKITM3 + OPTJAQ3	4016
	38	12		AQF109IS + SOLARKITM3 + OPTJAQ3	4158
	58	19		AQF113IS + SOLARKITM3 + OPTJAQ3	4373
	84	27		AQF119IS + SOLARKITM3 + OPTJAQ3	4507
	107	34		AQF125IS + SOLARKITM3 + OPTJAQ3	4538
	123	39		AQF129IS + SOLARKITM3 + OPTJAQ3	4558
	150	48		AQF137IS + SOLARKITM3 + OPTJAQ3	4767
	175	56		AQF147IS + SOLARKITM3 + OPTJAQ3	4910
	197	63		AQF155IS + SOLARKITM3 + OPTJAQ3	5130
300	225	72	815 / 465 / 995	AQF347IS + SOLARKITM3 + OPTJAQ3	5477
	255	82		AQF355IS + SOLARKITM3 + OPTJAQ3	5589
200	250	80	1000 / 500 / 1400	AQF213IS + SOLARKITM6 + OPTJAQ6	5753
	282	90		AQF215IS + SOLARKITM6 + OPTJAQ6	5895
	365	116		AQF221IS + SOLARKITM6 + OPTJAQ6	6321
	421	134		AQF227IS + SOLARKITM6 + OPTJAQ6	6747
	489	156		AQF237IS + SOLARKITM6 + OPTJAQ6	7168
	532	170		AQF247IS + SOLARKITM6 + OPTJAQ6	7511
	570	182		AQF257IS + SOLARKITM6 + OPTJAQ6	7589
600	500	159	1150 x 500 x 1400	AQF631IS + SOLARKITM6 + OPTJAQ6	7452
	550	175		AQF637IS + SOLARKITM6 + OPTJAQ6	7880
	618	197		AQF647IS + SOLARKITM6 + OPTJAQ6	8590
	655	209		AQF657IS + SOLARKITM6 + OPTJAQ6	9300

- * In accordance with each country's legislation
- For SolarFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- Please consider SolarFlow secondary side pressure drops when calculating total pressure drops of the installation

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single headed cast iron primary pump factory fitted and electrically wired
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- PT100, PT1000 and differential temperature controller sensors
- 10 bar pressure relief valve into the sanitary side
- Two dedicated CIP (Cleaning In Place) connections
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaProtect

Anti-legionella tap water system used in conjunction with central boiler plant, designed to deliver **legionella-free Domestic Hot Water (DHW)** supply in the complete network of any collective building. Available in **direct** version (no storage vessel required) as **indirect** (to be combined with a DHW storage vessel).

Key Benefits

- + Ensures TOTAL eradication of legionella in ENTIRE hot water system (incoming & circulating water)
- + Heat recovery concept to avoid extra energy for thermal disinfection
- + Can be connected to any renewable energy source
- + For any water hardnesses
- + Low maintenance

Nominal capacities and flow rates are given for: primary inlet 80°C and DHW 10 / 60°C with disinfection at 70°C

Performance figures	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	90

DIRECT anti-legionella systems**					
Model	Heat supply (kW)	L x W x H mm	Weight (kg)	Part number	Price
T1 - I 3P	174	1500 x 770 x 1460	300	AQPRT1I03P	13478
T1 - I 5P	291		320	AQPRT1I05P	14345
T1 - I 7P	407		350	AQPRT1I07P	17869
T1 - I 9P	523		370	AQPRT1I09P	18367
T1 - I 11P	640	1690 x 980 x 1660	530	AQPRT1I11P	18981
T1 - I 13P	756	1780 x 980 x 1660	540	AQPRT1I13P	19769

INDIRECT anti-legionella systems***					
Model	Heat supply (kW)	L x W x H mm	Weight (kg)	Part number	Price
T1 - SI 3P	174	1500 x 770 x 1460	320	AQPRT1SI03P	16940
T1 - SI 5P	291		350	AQPRT1SI05P	19328
T1 - SI 7P	407		370	AQPRT1SI07P	25384
T1 - SI 9P	523		390	AQPRT1SI09P	26729
T1 - SI 11P	640	1690 x 980 x 1660	550	AQPRT1SI11P	27443
T1 - SI 13P	756	1780 x 980 x 1660	560	AQPRT1SI13P	28356

Control box			
Type	Description	Part number	Price
Aquabox Protect	Plastic box, including control and management system, IP 43 rated, net disinfection	OPTARMAQPROT	2330
Aquabox Protect + 8 Relay	Plastic box, including control and management system, IP 43 rated, net disinfection with 8 relay card	OPTARMAQPROT8R	2303

Model	Insulation options	Part number	Price
T1 3P & 5P	Metallic/rockwool insulation for AquaProtect	OPTJAQAQPR51	1208
T1 7P		OPTJAQAQPR52	1208
T1 9P		OPTJAQAQPR53	1208
T1 11P & 13P		OPTJAQAQPR61	1474

* In accordance with each country's legislation

** DIRECT anti-legionella systems: To guarantee 1 minute minimum holding time, use a 300L storage vessel.

*** INDIRECT anti-legionella systems: The size of the storage vessel will define the holding time

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Double headed cast iron primary pump factory fitted and electrically wired
- Two heat exchangers with T5 H 316 stainless steel plates with clip-on EPDM gaskets
- 10 bar pressure relief valve on DHW side
- Two immersion sensors
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23/EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaMicro

AquaMicro is a domestic hot water unit for apartments or single family houses. This product can be used in district heating networks, secondary networks or local heating networks. AquaMicro can also be used as a domestic hot water pre-heater for individual applications when connected to a Primary Tank. The Primary Tank will be connected to solar panels, heat pumps, ...

Benefits

- + Complete installation package — Tap water
- + Best performance of tap water — Unique tap water control
- + Best performance for long term use — Stainless steel piping
- + Space saving design — Small size and low weight
- + Prepared for multi heat source — Lowest possible return temperature

	Design temp.	Design pressure
Sec. Heating	120°C	16 bar
DHW *	100°C	10 bar

Description	Heat Exchanger	Control equipment	W (mm)	D (mm)	H (mm)	Weight (kg)	Part number	Price
AQUA MICRO	CB20 – 35H	Alfa Laval	305	200	460	15	737227	709
AQUA MICRO VASA							737228	733
AQUA MICRO VASH							737229	738
AQUA MICRO CA							737230	735
AQUA MICRO VASA VASH							737231	782
AQUA MICRO VASA CA							737232	754
AQUA MICRO VASA VASH CA							737233	794
AQUA MICRO VASH CA							737234	762
AQUA MICRO L	CB20 – 27H	Alfa Laval	305	200	460	15	738334	665
AQUA MICRO L VASA							738335	689
AQUA MICRO L VASH							738336	696
AQUA MICRO L CA							738337	694
AQUA MICRO L VASA VASH							738338	741
AQUA MICRO L VASA CA							738339	715
AQUA MICRO L VASA VASH CA							738340	753
AQUA MICRO L VASH CA							738341	721

* In accordance with each country's legislation

CA = metal cover
 VASA = pressure relief valve
 VASH = shut-off valve



AquaFlow AlfaNova®

Fusion bonded heat exchanger unit complete with 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling

Nominal capacities and flow rates are given for: Primary inlet 90°C and DHW 10-60°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
25	63	18	535 x 485 x 965	AQFF2510IS	2902	AQFF2510ID	3365
	150	43		AQFF2524IS	3003	AQFF2524ID	3463
	250	72		AQFF2550IS	3189	AQFF2550ID	3649
50	300	86	500 x 500 x 1230	AQFF5040IS	3470	AQFF5040ID	3944
	440	126		AQFF5060IS	3672	AQFF5060ID	4145

Options for single Circulation pump (wired and assembled)	Part number	Price
stainless steel body	PR45AQFB	442

- * In accordance with each country's legislation
- For AquaFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaFlow Copper Brazed

Copper Brazed heat exchanger unit complete with 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + Copper Brazed version: value for money, thermal efficiency, limited lime scaling

Nominal capacities and flow rates are given for: Primary inlet 90°C and DHW 10-60°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
25	63	18	535 x 485 x 965	AQFB2510IS	2619	AQFB2510ID	3067
	150	43		AQFB2524IS	2662	AQFB2524ID	3111
	250	72		AQFB2550IS	2744	AQFB2550ID	3191
50	300	86	500 x 500 x 1230	AQFB5040IS	3042	AQFB5040ID	3504
	440	126		AQFB5060IS	3148	AQFB5060ID	3607

Options for single Circulation pump (wired and assembled)	Part number	Price
stainless steel body	PR45AQFB	442

- *In accordance with each country's legislation
- For AquaFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- Copper Brazed insulated heat exchanger
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaFlow Gasketed

Plate heat exchanger unit complete with 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
100	50	16	600 x 400 x 995	AQF107IS	2946	AQF107ID	3468
	71	23		AQF109IS	3088	AQF109ID	3609
	108	35		AQF113IS	3303	AQF113ID	3823
	153	49		AQF119IS	3437	AQF119ID	4036
	195	62		AQF125IS	3468	AQF125ID	4080
	220	70		AQF129IS	3488	AQF129ID	4125
	264	84		AQF137IS	3698	AQF137ID	4339
	308	99		AQF147IS	3840	AQF147ID	4480
	350	112		AQF155IS	4060	AQF155ID	4693
300	405	129	815 x 465 x 995	AQF347IS	4407	AQF347ID	5049
	450	143		AQF355IS	4519	AQF355ID	5298
200	468	149	1000 x 500 x 1400	AQF213IS	4587	AQF213ID	5298
	525	167		AQF215IS	4729	AQF215ID	5440
	654	208		AQF221IS	5155	AQF221ID	5866
	747	238		AQF227IS	5581	AQF227ID	6292
	849	270		AQF237IS	6002	AQF237ID	6784
	910	290		AQF247IS	6345	AQF247ID	7064
	958	305		AQF257IS	6423	AQF257ID	7119
600	910	290	1150 x 500 x 1400	AQF631IS	6286	AQF631ID	7069
	980	312		AQF637IS	6714	AQF637ID	7496
	1080	344		AQF647IS	7425	AQF647ID	8206
	1155	368		AQF657IS	8135	AQF657ID	8917

Model	Options for single Circulation pump (wired and assembled)	Part number	Price
100 & 300	Stainless steel body	PR45P13	452
300	cast iron body	PR80P3	490
	Stainless steel body	PR80BP3	602
200 & 600	Stainless steel body	PR45P26	507
	cast iron body	PR80P26	531
	Stainless steel body	PR80BP26	684
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200 & 600	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- * In accordance with each country's legislation

- For AquaFlow common options please see section: "Common options for Direct & Indirect Systems".

- For other temperature program and/or capacity, please make use of our selection software

- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side and PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaFlow Gasketed double wall - NL only

Plate heat exchanger unit with **double wall** plates, 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 35% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + Double wall version: avoids plate punctures, extension flexibility, cleaning possibility, very long lifetime

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model DW	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
100	64	18	600 x 400 x 995	AQF113ISDW	4046	AQF113IDDW	4353
	96	28		AQF119ISDW	4313	AQF119IDDW	4834
300	120	35	815 x 465 x 995	AQF321ISDW	4371	AQF321IDDW	5010
200	158	50.3	1000 x 500 x 1400	AQF209ISDW	4694	AQF209IDDW	5407
	200	63.7		AQF211ISDW	4935	AQF211IDDW	5647
	240	76.4		AQF213ISDW	5175	AQF213IDDW	5887
	275	87.6		AQF215ISDW	5416	AQF215IDDW	6127
600	330	105.1	1150 x 500 x 1400	AQF617ISDW	6076	AQF617IDDW	6858
	400	127.4		AQF621ISDW	6558	AQF621IDDW	7340
	495	157.6		AQF627ISDW	7278	AQF627IDDW	8061
	550	175.2		AQF631ISDW	7760	AQF631IDDW	8541
	625	199.0		AQF637ISDW	8481	AQF637IDDW	9263
	730	232.5		AQF647ISDW	9683	AQF647IDDW	10465

Model	Options for single Circulation pump (wired and assembled)	Part number	Price
100 & 300	Stainless steel body	PR45P13	452
300	cast iron body	PR80P3	490
	Stainless steel body	PR80BP3	602
200 & 600	Stainless steel body	PR45P26	507
	cast iron body	PR80P26	531
	Stainless steel body	PR80BP26	684
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200 & 600	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- *In accordance with each country's legislation
- For AquaFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- M3 HT or M6M HT & LT Double-wall plates AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve into the sanitary side
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial

AquaFlow Gasketed 4 port valve - UK only



AquaFlow Gasketed 4 port valve - UK only

Plate heat exchanger unit complete with **4-port control valve**, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 4-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + 4-port valve version: avoids "cold train" on primary input, no need of mixing bottle

Nominal capacities and flow rates are given for: Primary inlet 82°C and DHW 10-60°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	6	10
Max. operating temperature °C *	110	100

Model 4-port	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
100	50	15.9	600 x 400 x 995	AQF109IS4P	3352	AQF109ID4P	3873
	80	25.5		AQF113IS4P	3565	AQF113ID4P	4086
300	160	51.0	815 x 465 x 995	AQF321IS4P	3747	AQF321ID4P	4387
	200	63.7		AQF327IS4P	3961	AQF327ID4P	4600
	225	71.7		AQF331IS4P	4102	AQF331ID4P	4743
	257	81.8		AQF337IS4P	4316	AQF337ID4P	4956
200	280	89.2	1150 x 500 x 1400	AQF211IS4P	4598	AQF211ID4P	5309
	325	103.5		AQF213IS4P	4741	AQF213ID4P	5453
	370	117.8		AQF215IS4P	4882	AQF215ID4P	5594
	475	151.3		AQF221IS4P	5309	AQF221ID4P	6020
600	560	178.3	1150 x 500 x 1400	AQF621IS4P	5706	AQF621ID4P	6491
	670	213.4		AQF627IS4P	6133	AQF627ID4P	6917
	740	235.7		AQF631IS4P	6419	AQF631ID4P	7202
	840	267.5		AQF639IS4P	6845	AQF639ID4P	7628
	935	297.8		AQF649IS4P	7556	AQF649ID4P	8339
	1005	320.1		AQF659IS4P	8268	AQF659ID4P	9049

Model	Options for single Circulation pump (wired and assembled)	Part number	Price
100 & 300	Stainless steel body	PR45P13	452
300	cast iron body	PR80P3	490
	Stainless steel body	PR80BP3	602
200 & 600	Stainless steel body	PR45P26	507
	cast iron body	PR80P26	531
	Stainless steel body	PR80BP26	684
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200 & 600	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- *In accordance with each country's legislation
- For AquaFlow common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 4-port with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve into the sanitary side
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaGenius® - FR only

Fusion bonded heat exchanger unit complete with 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function is included
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + AlfaNova version: very high heat transfert, corrosion resistant, low lime scaling

Nominal capacities and flow rates are given for: Primary inlet 90°C and DHW 10-60°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
25	63	18	535 x 485 x 965	AQG2510IS	3088	AQG2510ID	3550
	150	43		AQG2524IS	3185	AQG2524ID	3648
	250	72		AQG2550IS	3373	AQG2550ID	3836
50	300	86	500 x 500 x 1230	AQG5040IS	3656	AQG5040ID	4129
	440	126		AQG5060IS	3857	AQG5060ID	4331

Options for single Circulation pump (wired and assembled)	Part number	Price
stainless steel body	PR45AQFB	442

- * In accordance with each country's legislation
- For common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- Extra sensor and isolating valves for scaling control
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaUranus - FR only

Plate heat exchanger unit complete with 3-port control valve, pump(s) and controller used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building (no storage vessel required).

Key Benefits

- + No storage tank needed; low total cost of ownership, no risk of legionella
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Space saving; represents only 10% of a 1500L storage tank
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box
- + "One single AquaFlow has the muscle to replace several storage tanks"
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SINGLE primary pump		DOUBLE primary pump	
				Part number	Price	Part number	Price
100	50	16	600 x 400 x 995	AU107IS	2946	AU107ID	3468
	71	23		AU109IS	3088	AU109ID	3609
	108	35		AU113IS	3303	AU113ID	3823
	153	49		AU119IS	3437	AU119ID	4036
	195	62		AU125IS	3468	AU125ID	4080
	220	70		AU129IS	3488	AU129ID	4125
	264	84		AU137IS	3698	AU137ID	4339
	308	99		AU147IS	3840	AU147ID	4480
	350	112		AU155IS	4060	AU155ID	4693
300	405	129	815 x 465 x 995	AU347IS	4407	AU347ID	5049
	450	143		AU355IS	4519	AU355ID	5298
200	468	149	1000 x 500 x 1400	AU213IS	4587	AU213ID	5298
	525	167		AU215IS	4729	AU215ID	5440
	654	208		AU221IS	5155	AU221ID	5866
	747	238		AU227IS	5581	AU227ID	6292
	849	270		AU237IS	6002	AU237ID	6784
	910	290		AU247IS	6345	AU247ID	7064
	958	305		AU257IS	6423	AU257ID	7119
600	910	290	1150 x 500 x 1400	AU631IS	6286	AU631ID	7069
	980	312		AU637IS	6714	AU637ID	7496
	1080	344		AU647IS	7425	AU647ID	8206
	1155	368		AU657IS	8135	AU657ID	8917

Model	Options for single Circulation pump (wired and assembled)	Part number	Price
100 & 300	Stainless steel body	PR45P13	452
300	cast iron body	PR80P3	490
	Stainless steel body	PR80BP3	602
200 & 600	Stainless steel body	PR45P26	507
	cast iron body	PR80P26	531
	Stainless steel body	PR80BP26	684
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200 & 600	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- * In accordance with each country's legislation
- For common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side and PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial


AquaStore AlfaNova®

Fusion bonded heat exchanger unit complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling

Nominal capacities and flow rates are given for: primary inlet 90°C & 80°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW		DHW flow rates l / min.		L x W x H mm	SS*		DS*		DD*	
	80°C	90°C	80°C	90°C		Part number	Price	Part number	Price	Part number	Price
25	50	65	16	20	535 x 485 x 965	AQSF2510SS	3161	AQSF2510DS	3613	AQSF2510DD	3997
	124	157	40	50		AQSF2524SS	3257	AQSF2524DS	3709	AQSF2524DD	4111
	210	255	67	82		AQSF2550SS	3441	AQSF2550DS	3893	AQSF2550DD	4297
50	243	243**	77	77**	500 x 500 x 1230	AQSF5040SS	4057	AQSF5040DS	4521	AQSF5040DD	5240
	315	310**	100	98**		AQSF5060SS	4254	AQSF5060DS	4721	AQSF5060DD	5484

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Options for Secondary charging pump Single (wired and assembled) / per pump	Part number	Price
Stainless steel fooded body	OPTB25FB	289

- * In accordance with each country's legislation
- **Same capacity as 80°C due to charging pump
- For AquaStore common options please see section "Common options for Direct & Indirect Systems"
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- Single or double headed cast iron buffer vessel charging pump, delivered wired and assembled
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23/EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial

AquaStore Copper Brazed



AquaStore Copper Brazed

Copper Brazed heat exchanger unit complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + Copper Brazed version: value for money, thermal efficiency, limited lime scaling

Nominal capacities and flow rates are given for: primary inlet 90°C & 80°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW		DHW flow rates l / min.		L x W x H mm	SS*		DS*		DD*	
	80°C	90°C	80°C	90°C		Part number	Price	Part number	Price	Part number	Price
25	50	65	16	20	535 x 485 x 965	AQSB2510SS	2872	AQSB2510DS	3312	AQSB2510DD	3549
	124	157	40	50		AQSB2524SS	2915	AQSB2524DS	3354	AQSB2524DD	3609
	210	255	67	82		AQSB2550SS	2994	AQSB2550DS	3433	AQSB2550DD	3689
50	243	243**	77	77**	500 x 500 x 1230	AQSB5040SS	3618	AQSB5040DS	4070	AQSB5040DD	4648
	315	310**	100	98**		AQSB5060SS	3721	AQSB5060DS	4172	AQSB5060DD	4796

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Options for Secondary charging pump Single (wired and assembled) / per pump	Part number	Price
Stainless steel fooded body	OPTB25FB	289

- * In accordance with each country's legislation
- ** Same capacity as 80°C due to charging pump
- For Aquastore common options please see section "Common options for Direct & Indirect Systems"
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- Single or double headed cast iron buffer vessel charging pump, delivered wired and assembled
- Copper Brazed insulated heat exchanger
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaStore Gasketed

Plate heat exchanger unit complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 /55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SS*		DS*		DD*	
				Part number	Price	Part number	Price	Part number	Price
100	50	16	600 x 400 x 995	AQS107SS	3347	AQS107DS	3823	AQS107DD	4403
	71	23		AQS109SS	3417	AQS109DS	3893	AQS109DD	4475
	108	35		AQS113SS	3556	AQS113DS	4032	AQS113DD	4612
	153	49		AQS119SS	3765	AQS119DS	4240	AQS119DD	4822
	195	62		AQS125SS	3927	AQS125DS	4449	AQS125DD	5031
	220	70		AQS129SS	3947	AQS129DS	4560	AQS129DD	5142
	264	84		AQS137SS	4155	AQS137DS	4771	AQS137DD	5352
	308	99		AQS147SS	4294	AQS147DS	4910	AQS147DD	5492
	350	112		AQS155SS	4503	AQS155DS	5119	AQS155DD	5700
300	380	122	815 x 465 x 995	AQS347SS	4852	AQS347DS	5467	AQS347DD	6049
	405	130		AQS355SS	4986	AQS355DS	5647	AQS355DD	6286
400	468	149	1150 x 500 x 1400	AQS413SS	5349	AQS413DS	6011	AQS413DD	6650
	525	167		AQS415SS	5667	AQS415DS	6330	AQS415DD	6969
	654	208		AQS421SS	6083	AQS421DS	6747	AQS421DD	7388
800	710	226	1150 x 500 x 1400	AQS821SS	6664	AQS821DS	7397	AQS821DD	8082
	830	264		AQS827SS	7083	AQS827DS	7815	AQS827DD	8501
900	910	290	1150 x 500 x 1400	AQS931SS	8489	AQS931DS	9221	AQS931DD	9907
	980	312		AQS937SS	8909	AQS937DS	9639	AQS937DD	10325
	1080	344		AQS947SS	9605	AQS947DS	10338	AQS947DD	11023
	1155	368		AQS957SS	10302	AQS957DS	11034	AQS957DD	11721

- * SS = Single primary pump & single charging pump
- * DS = Double primary pump & single charging pump
- * DD = Double primary pump & double charging pump

Model	Options for Secondary charging pump Single (wired and assembled)	Part number	Price
100, 300 & 200	Stainless steel fooded body	OPTBZP123	289
400 & 600	bronze fooded body	OPTBZP46	1002
800	bronze fooded body	OPTBZP8	1062
900	bronze fooded body	OPTBZP9	1317
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200,400,600,800 & 900	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- *In accordance with each country's legislation
- For Aquastore common options please see section "Common options for Direct & Indirect Systems"
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed primary pump
- Single or double headed cast iron buffer vessel charging pump (optional bronze or inox)
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side and PT 100 immersion sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Fully assembled, wired, electrically and hydraulically tested
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial

AquaStore Gasketed double wall - NL only



AquaStore Gasketed double wall - NL only

Plate heat exchanger unit with **double wall** plates, complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 35% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + Double wall version: avoids plate punctures, extension flexibility, cleaning possibility, very long lifetime

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model DW	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SS*		DS*	
				Part number	Price	Part number	Price
100	64	18	600 x 400 x 995	AQS113SSDW	4076	AQS113DSDW	3937
	96	28		AQS119SSDW	4545	AQS119DSDW	5021
300	120	35	815 x 465 x 995	AQS321SSDW	4814	AQS321DSDW	5429
200	158	50.3	1000 x 500 x 1400	AQS209SSDW	5092	AQS209DSDW	5754
	200	63.7		AQS211SSDW	5327	AQS211DSDW	5991
	240	76.4		AQS213SSDW	5564	AQS213DSDW	6226
	275	87.6		AQS215SSDW	5978	AQS215DSDW	6640
	370	117.8		AQS221SSDW	6686	AQS221DSDW	7347
400	450	143.3	1000 x 500 x 1400	AQS427SSDW	7796	AQS427DSDW	8457
	560	178.3		AQS437SSDW	8477	AQS437DSDW	9138
600	625	199.0	1150 x 500 x 1400	AQS637SSDW	9232	AQS637DSDW	9963
800	730	232.5	1150 x 500 x 1400	AQS847SSDW	10575	AQS847DSDW	11308

* SS = Single primary pump & single charging pump

* DS = Double primary pump & single charging pump

Model	Options for Secondary charging pump Single (wired and assembled) / per pump	Part number	Price
100, 300 & 200	Stainless steel flooded body	OPTBZP123	289
400 & 600	bronze flooded body	OPTBZP46	1002
800	bronze flooded body	OPTBZP8	1062
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200, 400, 600 & 800	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- *In accordance with each country's legislation

- For Aquastore common options please see section "Common options for Direct & Indirect Systems"

- For other temperature program and/or capacity, please make use of our selection software

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed primary pump
- Single headed cast iron buffer vessel charging pump (optional bronze or inox)
- M3 HT or M6M HT & LT Double-wall plates AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve into the sanitary side
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Fully assembled, wired, electrically and hydraulically tested
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



Aquastore Gasketed 4 port valve - UK only

Plate heat exchanger unit complete with **4-port control valve**, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 4-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + 4-port valve version: avoids "cold train" on primary input, no need of mixing bottle

Nominal capacities and flow rates are given for: Primary inlet 82°C and DHW 10-60°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	6	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SS*		DS*	
				Part number	Price	Part number	Price
100	50	15.9	600 x 400 x 995	AQS109SS4P	3675	AQS109DS4P	4151
	80	25.5		AQS113SS4P	3813	AQS113DS4P	4414
	120	38.2		AQS119SS4P	4022	AQS119DS4P	4499
	155	49.4		AQS125SS4P	4231	AQS125DS4P	4708
	180	57.3		AQS129SS4P	4372	AQS129DS4P	4848
300	200	63.7	815 x 465 x 995	AQS327SS4P	4414	AQS327DS4P	5029
	225	71.7		AQS331SS4P	4552	AQS331DS4P	5169
	257	81.8		AQS337SS4P	4761	AQS337DS4P	5377
200	280	89.2	1400 x 1000 x 500	AQS211SS4P	4997	AQS211DS4P	5659
	325	103.5		AQS213SS4P	5137	AQS213DS4P	5800
	370	117.8		AQS215SS4P	5456	AQS215DS4P	6118
400	475	151.3	1400 x 1150 x 500	AQS421SS4P	6235	AQS421DS4P	6898
	560	178.3		AQS427SS4P	6695	AQS427DS4P	7356
	640	203.8		AQS437SS4P	6893	AQS437DS4P	7556
800	560	178.3	1400 x 1150 x 500	AQS821SS4P	6795	AQS821DS4P	7528
	670	213.4		AQS827SS4P	7212	AQS827DS4P	7946
	740	235.7		AQS831SS4P	7376	AQS831DS4P	8108
	840	267.5		AQS839SS4P	7794	AQS839DS4P	8525
	935	297.8		AQS849SS4P	8490	AQS849DS4P	9223
	1005	320.1		AQS859SS4P	9188	AQS859DS4P	9920

* SS = Single primary pump & single charging pump

* DS = Double primary pump & single charging pump

Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200, 400, 600 & 800	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- *In accordance with each country's legislation

- For Aquastore common options please see section "Common options for Direct & Indirect Systems"

- For other temperature program and/or capacity, please make use of our selection software

Standard version equipment:

- 4-port with 24 V actuator controlled via a 0/10 V signal
- Single or double headed primary pump
- Single headed stainless steel or bronze charging pump
- M3 HT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve into the sanitary side
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Fully assembled, wired, electrically and hydraulically tested
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaGenius S® - FR only

Fusion bonded heat exchanger unit complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function is included
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + AlfaNova version: very high heat transfer, corrosion resistant, low lime scaling

Nominal capacities and flow rates are given for: primary inlet 90°C & 80°C and DHW 10 / 55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW		DHW flow rates l / min.		L x W x H mm	SS*		DS*		DD*	
	80°C	90°C	80°C	90°C		Part number	Price	Part number	Price	Part number	Price
25	50	65	16	20	535 x 485 x 965	AQGS2510SS	3342	AQGS2510DS	3794	AQGS2510DD	4037
	124	157	40	50		AQGS2524SS	3438	AQGS2524DS	3889	AQGS2524DD	4149
	210	255	67	82		AQGS2550SS	3622	AQGS2550DS	4075	AQGS2550DD	4338
50	243	243**	77	77**	500 x 500x 1230	AQGS5040SS	4238	AQGS5040DS	4701	AQGS5040DD	5299
	315	310**	100	98**		AQGS5060SS	4435	AQGS5060DS	4901	AQGS5060DD	5543

* SS = Single primary pump & single charging pump

* DS = Double primary pump & single charging pump

* DD = Double primary pump & double charging pump

Options for Secondary charging pump Single (wired and assembled) / per pump	Part number	Price
Stainless steel fooded body	OPTB25FB	289

- * In accordance with each country's legislation
- **Same capacity as 80°C due to charging pump
- For common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed cast iron primary pump factory fitted and electrically wired
- Single or double headed cast iron buffer vessel charging pump, delivered wired and assembled
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- 10 bar pressure relief valve on DHW side
- Two dedicated CIP (Cleaning In Place) 3/4" connections
- Extra sensor and isolating valves for scaling control
- PT 100 immersion temperature sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaUranus S - FR only

Plate heat exchanger unit complete with 3-port control valve, pumps and controller used in conjunction with central boiler plant, designed to deliver **indirect** Domestic Hot Water (DHW) supply to any collective building (to be combined with a DHW storage vessel).

Key Benefits

- + Can cope with lower boiler and heat exchanger capacities as storage tank as back-up
- + 65% of energy saving compared to a storage tank with Heating Coils
- + Reduced scaling: 3-port mixing valve & scaling function
- + Multi-functional control box; thermal treatment, anti-scaling, eco, booster, etc.
- + Gasketed version: high capacities and extension flexibility, cleaning possibility, very long lifetime, low heat losses

Nominal capacities and flow rates are given for: primary inlet 90°C and DHW 10 /55 °C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	110	100

Model	Nominal capacity kW	DHW flow rates l / min.	L x W x H mm	SS*		DS*		DD*	
				Part number	Price	Part number	Price	Part number	Price
100	50	16	600 x 400 x 995	AUS107SS	3347	AUS107DS	3823	AUS107DD	4403
	71	23		AUS109SS	3417	AUS109DS	3893	AUS109DD	4475
	108	35		AUS113SS	3556	AUS113DS	4032	AUS113DD	4612
	153	49		AUS119SS	3765	AUS119DS	4240	AUS119DD	4822
	195	62		AUS125SS	3927	AUS125DS	4449	AUS125DD	5031
	220	70		AUS129SS	3947	AUS129DS	4560	AUS129DD	5142
	264	84		AUS137SS	4155	AUS137DS	4771	AUS137DD	5352
	308	99		AUS147SS	4294	AUS147DS	4910	AUS147DD	5492
300	350	112	815 x 465 x 995	AUS155SS	4503	AUS155DS	5119	AUS155DD	5700
	380	122		AUS347SS	4852	AUS347DS	5467	AUS347DD	6049
400	405	130	1150 x 500 x 1400	AUS355SS	4986	AUS355DS	5647	AUS355DD	6286
	468	149		AUS413SS	5349	AUS413DS	6011	AUS413DD	6650
	525	167		AUS415SS	5667	AUS415DS	6330	AUS415DD	6969
800	654	208	1150 x 500 x 1400	AUS421SS	6083	AUS421DS	6747	AUS421DD	7388
	710	226		AUS821SS	6664	AUS821DS	7397	AUS821DD	8082
900	830	264	1150 x 500 x 1400	AUS827SS	7083	AUS827DS	7815	AUS827DD	8501
	910	290		AUS931SS	8489	AUS931DS	9221	AUS931DD	9907
	980	312		AUS937SS	8909	AUS937DS	9639	AUS937DD	10325
	1080	344		AUS947SS	9605	AUS947DS	10338	AUS947DD	11023
	1155	368		AUS957SS	10302	AUS957DS	11034	AUS957DD	11721

* SS = Single primary pump & single charging pump

* DS = Double primary pump & single charging pump

* DD = Double primary pump & double charging pump

Model	Options for Secondary charging pump Single (wired and assembled)	Part number	Price
100, 300 & 200	Stainless steel fooded body	OPTBZP123	289
400 & 600	bronze fooded body	OPTBZP46	1002
800	bronze fooded body	OPTBZP8	1062
900	bronze fooded body	OPTBZP9	1317
Model	Insulation options	Part number	Price
100 & 300	Metallic/rockwool insulation for M3 HE	OPTJAQ3	345
200, 400, 600, 800 & 900	Metallic/rockwool insulation for M6 HE	OPTJAQ6	441

- * In accordance with each country's legislation.
- For common options please see section: "Common options for Direct & Indirect Systems".
- For other temperature program and/or capacity, please make use of our selection software
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port valve with 24 V actuator controlled via a 0/10 V signal
- Single or double headed primary pump
- Single or double headed cast iron buffer vessel charging pump (optional bronze or inox)
- M3 HT AISI 316 or M6M HT & LT AISI 316 with clip-on EPDM gaskets heat exchanger
- 10 bar pressure relief valve on DHW side and PT 100 immersion sensor
- IP43 electrical panel incorporating control (Micro 2000) and management system
- Fully assembled, wired, electrically and hydraulically tested
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial

Common options

This page covers most of the possible options that can be fitted to the standard tap water systems.

Description	Models	Part number	Price
Scaling Options for 3 Port systems:			
Complete Scaling Option for AlfaNova & Copper brazed	F / B	OPTCIPFB	212
Scaling Option for Plates & Gaskets M3	P 100, 300, 500	OPTCIPP	159
Scaling Option for Plates & Gaskets M6	P 200, 400, 600, 800, 900	OPTCIPPM6	159
Controlbox Options:			
230V 3 Points signal converter card mounted (2)	All models	OPT3P230	212
8 Relay card mounted	All models	OPT8RELAY	311
8 Relay card mounted + 230V 3 Points signal converter card mounted (2)	All models	OPT8R3P	499
Data downloading cable & CD Rom	Please consult	OPTCABLE	370
Insulation Options:			
Metallic/rockwool insulation for M3 HE	P 100, 300, 500	OPTJAQ3	345
Metallic/rockwool insulation for M6 HE	P 200, 400, 600, 800, 900	OPTJAQ6	441
Actuator Options for 3 Port systems:			
Control valve actuator with Return-To-Zero SQS 65-5 (instead of SQS659) (1)	F / B / P 100, 300, 500, 200, 400	OPTRAZ01	210
Control valve actuator with Return-To-Zero SKD 62 (instead of SQX 62-c)	P 600, 800, 900	OPTRAZ02	212
Control valve actuator 230V 3 points SQS 35-03	F / B / P 100, 300, 500, 200, 400	OPTAC2301	53
Control valve actuator 230V 3 points with Return-To-Zero SQS 35-53	F / B / P 100, 300, 500, 200, 400	OPTAC2303	230
Pressure Relief Valve Options:			
10 Bar TÜV pressure relief valve & DVWG drain valve	P 100, 300, 500	OPT135DVGW	42
10 Bar TÜV pressure relief valve & DVWG drain valve	P 200, 400, 600, 800, 900	OPT24689DVGW	42
10 Bar TÜV pressure relief valve & DVWG drain valve	F / B	OPTFBDVGW	37
Adjustable feet	All models	OPTFEET	140
Scaling control & DVGW isolating valve	F / B	OPTCIPDVGW	212
Balancing Valve Options:			
balancing valve - assembled - DN 32	F / B / P 100, 300, 500	OPTVR135	219
balancing valve - assembled - DN 50	P 200, 400, 600, 800, 900	OPTVR24689	369
Other Common Options:			
Additional temperature sensor with 2 m cable for thermal treatment	All models	OPT2SON	149
Pressure test 13 bar for DHW with certifi cat	All models	PRESTEST1	98
Primary circuit separating bottles DN80 4 connections 1"1/4 shipped loose	All models	BOU03G0006EQU	762
Primary circuit separating bottles DN125 4 connections 1"1/2 shipped loose	All models	BOU03G0008BEQU	1521

(1) Return-To-Zero: safety closure in case of lack of power (spring loaded valve)

(2) Micro2000 operates with 24V 0-10V actuators. If a 230V 3 points actuator is chosen, a signal converter board (OPT3P230) is also needed.

F = with AlfaNova Heat Exchanger
B = with Brazed Heat Exchanger
P = with Plates & Gaskets Heat Exchanger

Options - Mid-Europe only

This page covers the selected component for the Mid-European market.

Description	Valve	Thermostat	Actuator	Part number	Price	
Kit for 2 port self actuating	2432DN15 KV2.5	2430 K	N/A	ROH1	788	
	2432DN15 KV4			ROH2	788	
	2432DN20 KV6.3			ROH3	871	
	2432DN25 KV 8			ROH4	902	
	2432DN32 KV12.5			ROH5	1268	
	2432DN40 KV16			ROH6	1294	
	2432DN50 KV20			ROH7	1574	
Kit for 2 port electronic actuating	3222DN15 KV2.5	N/A	5824-10 230V 7.5	DV1	718	
	3222DN15 KV4			DV2	743	
	3222DN20 KV6.3			DV3	879	
	3222DN25 KV8			DV4	857	
	3222DN32 KV16		5824-20 230V 12	DV5	1108	
	3222DN40 KV20			DV6	1140	
	3222DN50 KV25			DV7	1327	
Kit for 2 port electronic actuating WITH SAFETY FUNCTIONS	3222DN15 KV2.5		5825-10 230V 7.5	DV1S	828	
	3222DN15 KV4			DV2S	853	
	3222DN20 KV6.3			DV3S	989	
	3222DN25 KV8			DV4S	967	
	3222DN32 KV16		5825-20 230V 12	DV5S	1251	
	3222DN40 KV20			DV6S	1284	
3222DN50 KV25	DV7S		1470			
Kit for 3 port electric pump 25-60	3226DN15 KV4		5824-10 230V 7.5	MV1	985	
	3226DN20 KV6.3			MV2	1052	
Kit for 3 port electric pump 32-80	3226DN25 KV10			5824-20 230V 12	MV3	1279
	3226DN32 KV16				MV4	1497
	3226DN40 KV25				MV5	1467
Kit for 3 port electric pump 40-120	3226DN40 KV25				MV6	1681
	3226DN50 KV40			MV7	1838	
SLK charging kits:						
UPS 25.60B, Taco SD 2460 DN25				SLK0	788	
UPS 25.60B, Taco SD 2561 DN32				SLK1	816	
UPS 32.80B, Taco SD 2661 DN40				SLK2	1137	
UPS 32.80B, Taco SD 2861 DN50				SLK3	1001	
UPS 40 –120B (Flange), Taco SD 2861 DN50				SLK4	1931	

Summary part numbers - FR only

Summary part numbers - FR only

This page covers all AquaUranus and AquaGenius part numbers for the French market.

AquaUranus Direct				AquaUranus S Indirect							
Part number	Price		Part number	Price	Part number	Price	Part number	Price	Part number	Price	
AU107IS	2946		AU107ID	3468	AUS107SS	3347	AUS107DS	3823	AUS107DD	4403	
AU109IS	3088		AU109ID	3609	AUS109SS	3417	AUS109DS	3893	AUS109DD	4475	
AU113IS	3303		AU113ID	3823	AUS113SS	3556	AUS113DS	4032	AUS113DD	4612	
AU119IS	3437		AU119ID	4036	AUS119SS	3765	AUS119DS	4240	AUS119DD	4822	
AU125IS	3468		AU125ID	4080	AUS125SS	3927	AUS125DS	4449	AUS125DD	5031	
AU129IS	3488		AU129ID	4125	AUS129SS	3947	AUS129DS	4560	AUS129DD	5142	
AU137IS	3698		AU137ID	4339	AUS137SS	4155	AUS137DS	4771	AUS137DD	5352	
AU147IS	3840		AU147ID	4480	AUS147SS	4294	AUS147DS	4910	AUS147DD	5492	
AU155IS	4060		AU155ID	4693	AUS155SS	4503	AUS155DS	5119	AUS155DD	5700	
AU347IS	4407	AU347ID	5049	AUS347SS	4852	AUS347DS	5467	AUS347DD	6049		
AU355IS	4519	AU355ID	5298	AUS355SS	4986	AUS355DS	5647	AUS355DD	6286		
AU213IS	4587	AU213ID	5298	AUS215SS	5304	AUS215DS	5966	AUS215DD	6605		
AU215IS	4729	AU215ID	5440	AUS221SS	5722	AUS221DS	6385	AUS221DD	7025		
AU221IS	5155	AU221ID	5866	AUS227SS	6181	AUS227DS	6844	AUS227DD	7483		
AU227IS	5581	AU227ID	6292	AUS237SS	6381	AUS237DS	7042	AUS237DD	7682		
AU237IS	6002	AU237ID	6784	AUS247SS	6438	AUS247DS	7006	AUS247DD	7791		
AU247IS	6345	AU247ID	7064	AUS257SS	6492	AUS257DS	7054	AUS257DD	7845		
AU257IS	6423	AU257ID	7119	AUS413SS	5349	AUS413DS	6011	AUS413DD	6650		
AU631IS	6286	AU631ID	7069	AUS415SS	5667	AUS415DS	6330	AUS415DD	6969		
AU637IS	6714	AU637ID	7496	AUS421SS	6083	AUS421DS	6747	AUS421DD	7388		
AU647IS	7425	AU647ID	8206	AUS427SS	6544	AUS427DS	7206	AUS427DD	7845		
AU657IS	8135	AU657ID	8917	AUS437SS	6742	AUS437DS	7404	AUS437DD	8044		
				AUS447SS	6817	AUS447DS	7455	AUS447DD	8115		
				AUS457SS	6871	AUS457DS	7487	AUS457DD	8169		
				AUS631SS	7079	AUS631DS	7812	AUS631DD	8497		
				AUS637SS	7499	AUS637DS	8229	AUS637DD	8916		
				AUS647SS	8195	AUS647DS	8928	AUS647DD	9612		
				AUS657SS	8891	AUS657DS	9624	AUS657DD	10311		
				AUS821SS	6664	AUS821DS	7397	AUS821DD	8082		
				AUS827SS	7083	AUS827DS	7815	AUS827DD	8501		
				AUS831SS	7245	AUS831DS	7977	AUS831DD	8664		
				AUS837SS	7664	AUS837DS	8397	AUS837DD	9081		
				AUS847SS	8361	AUS847DS	9093	AUS847DD	9780		
				AUS857SS	9058	AUS857DS	9790	AUS857DD	10475		
				AUS931SS	8489	AUS931DS	9221	AUS931DD	9907		
				AUS937SS	8909	AUS937DS	9639	AUS937DD	10325		
				AUS947SS	9605	AUS947DS	10338	AUS947DD	11023		
				AUS957SS	10302	AUS957DS	11034	AUS957DD	11721		

AquaGenius Direct				AquaGenius S Indirect							
Part number	Price		Part number	Price	Part number	Price	Part number	Price	Part number	Price	
AQG2510IS	3088		AQG2510ID	3550	AQGS2510SS	3342	AQGS2510DS	3794	AQGS2510DD	4037	
AQG2524IS	3185		AQG2524ID	3648	AQGS2524SS	3438	AQGS2524DS	3889	AQGS2524DD	4149	
AQG2550IS	3373		AQG2550ID	3836	AQGS2550SS	3622	AQGS2550DS	4075	AQGS2550DD	4338	
AQG5040IS	3656		AQG5040ID	4129	AQGS5040SS	4238	AQGS5040DS	4701	AQGS5040DD	5299	
AQG5060IS	3857		AQG5060ID	4331	AQGS5060SS	4435	AQGS5060DS	4901	AQGS5060DD	5543	



AquaEasy Copper Brazed

The most compact tap water system with copper brazed heat exchanger, 3-port control valve and pump(s), fully insulated. No electronic control, but instead a very reactive control thermostat. To be used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building. No storage vessel required, but can be combined with a DHW storage vessel by adding a charging kit.

Key Benefits

- + Very competitive price
- + Easy installation & minimum maintenance (no electronic control)
- + Energy saving as completely insulated
- + Optimisation with condensing boiler as very low temperature on primary return
- + Reduced legionella risk
- + Extremely compact
- + No gaskets
- + Ideal item to be stocked

Nominal capacities and flow rates are given for: primary inlet 80°C and DHW 10-55°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	100	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	HE pressure drop kPa sec.	L x W x H mm	Part number	Price
CB 6020	110	38	28	840 x 680 x 200	EASY3B2520	1738
CB 6030	150	48	25		EASY3B2530	1795
	200	64	41		EASY3B3230	2291
CB 6040	260	83	41		EASY3B3240	2313
CB 6050	310	99	36		EASY3B3250	2412
CB 6060	345	111	33		EASY3B3260	2424

Options (mounted on the unit)	Part number	Price
Security thermostat	OPTEASYSAFE	541

Assembled kits (delivered loose, not mounted on the unit)	Part number	Price
Recycling kit single stainless steel	EASYKITREC1	510
Charging kit single stainless steel (UPSO 25.55)	EASYKITCH1	439
Charging kit single cast iron	EASYKITCH2	551
Charging kit single stainless steel (UPS 32.80 N)	EASYKITCH3	714
Set of 4 adjustable feet	EASYKITFEET	140
Set of 2 squares for wall hanging	EASYKITWALL	149

- * In accordance with each country's legislation
- For other temperature program and/or capacity, please make use of our product brochure
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port self acting valve (thermostat 55-75°C)
- Single primary pump
- Copper Brazed heat exchanger
- Two dedicated CIP (Cleaning In Place) connections
- Insulation: glasswool cladded with aluminium metal plate
- 10 Bar pressure relief valve on secondary side
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaEasy AlfaNova®

The most compact tap water system with fusion bonded heat exchanger, 3-port control valve and pump(s), fully insulated. No electronic control, but instead a very reactive control thermostat. To be used in conjunction with central boiler plant, designed to deliver **direct** Domestic Hot Water (DHW) supply to any collective building. No storage vessel required, but can be combined with a DHW storage vessel by adding a charging kit.

Key Benefits

- + Suitable for all DHW pipework as 100% copper free
- + Easy installation & minimum maintenance (no electronic control)
- + Energy saving as completely insulated
- + Optimisation with condensing boiler as very low temperature on primary return
- + Reduced legionella risk
- + Extremely compact
- + No gaskets
- + Ideal item to be stocked

Nominal capacities and flow rates are given for: primary inlet 80°C and DHW 10-55°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	10
Max. operating temperature °C *	100	100

Model	Nominal heating capacity kW	DHW flow rates l / min.	HE pressure drop kPa sec.	L x W x H mm	Part number	Price
FB 6020	110	38	28	840 x 680 x 200	EASY3F2520	1948
FB 6030	150	48	25		EASY3F2530	2075
FB 6030	200	64	41		EASY3F3230	2476
FB 6040	260	83	41		EASY3F3240	2602
FB 6050	310	99	36		EASY3F3250	2729
FB 6060	345	111	33		EASY3F3260	2853

Options (mounted on the unit)	Part number	Price
Security thermostat	OPTEASYSAFE	541

Assembled kits (delivered loose, not mounted on the unit)	Part number	Price
Recycling kit single stainless steel	EASYKITREC1	510
Charging kit single stainless steel (UPSO 25.55)	EASYKITCH1	439
Charging kit single cast iron	EASYKITCH2	551
Charging kit single stainless steel (UPS 32.80 N)	EASYKITCH3	714
Set of 4 adjustable feet	EASYKITFEET	140
Set of 2 squares for wall hanging	EASYKITWALL	149

- * In accordance with each country's legislation
- For other temperature program and/or capacity, please make use of our product brochure
- For 2-port valve versions, please consult

Standard version equipment:

- 3-port self acting valve (thermostat 55-75°C)
- Single primary pump
- AlfaNova® insulated fusion bonded heat exchanger (100% stainless steel)
- Two dedicated CIP (Cleaning In Place) connections
- Insulation: glasswool clad with aluminium metal plate
- 10 Bar pressure relief valve on secondary side
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Complies with European Directives 73/23 CE and DESP 97/23 CE - Art. 3.3, Low voltage Directive (LVD) 73/23EEC mandated by 2006/95/EEC. Following norms have been applied: EN 60335 1- partial & EN60204-1 partial



AquaCompact

Heat exchanger unit with 2-port or 3-port control valve, fixed to a secondary storage tank designed to deliver **indirect** Domestic Hot Water (DHW). Can be combined with two different storage tanks:

- AquaTank Stainless Steel 316 Ti
- AquaTank Enamel 7 bar

Key Benefits

- + Space saving
- + Only low to mid boiler capacity needed
- + Simple solution for low budgets
- + Connection possible to district heating network (2-port valve version) or to local boiler (3-port valve version)

Standard versions (photo 1, 2 and 3) do not have a primary kit but this can be ordered as an option. Three primary kit options available:

- 2-port valve: Self-actuated (photo 4)
- 2-port valve: Electronic (photo 5)
- 3-port valve: Electronic (photo 6)

Logistics

The charging (and the primary) kits are assembled and delivered in a separate box (tested prior to shipment).

Selection

AquaCompact has to be configured in our selection tool "AlfaSelect". Please contact your local Alfa Laval company.

AquaCompact versions

Standard	 1. AlfaNova or Copper Brazed	 2. Gasketed heat exchanger	 3. Gasketed heat exchanger with insulation
With primary kits	 4. 2-port valve: Self-actuated	 5. 2-port valve: Electronic	 6. 3-port valve: Electronic

Standard version equipment:

- Copper Brazed, AlfaNova or Gasketed plate heat exchanger (photo 1, 2 and 3)
- Insulation (Copper Brazed & AlfaNova: included / Gasketed : optional)
- Charging pump
- Balancing valve
- 10 bar pressure relief valve
- Isolating valve and connection pipework and flexible(s)
- Two additional CIP 3/4" connections (Copper Brazed and AlfaNova versions only)

Storage Tanks



AquaTank Stainless Steel

Domestic Hot Water storage vessel made of 100% stainless steel type AISI 316 Ti. AquaTank 316 Ti is approved according to PED and manufactured according to directive 97/23/EC.

Key Benefits

- + Excellent quality
- + Very long lifetime
- + Extremely hygienic; no galvanic corrosion
- + Energy saving insulations
- + Easy to install
- + Can be installed with a charging kit, see chapter "AquaCompact"

Inspection opening:

- up to 500 L: one inspection opening of 120 mm
- > 500 L: one inspection opening of 120 mm or 400 mm (manhole)

Max. operating pressure bar gauge	10
Max. operating temperature °C	95

Volume (L)	Description	Inspection opening (mm)	Connections (tw / cw / circ.)	Immersion heater connection	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price	
150	standard	120	1" / 1" / 1"	no	640	500	1077	44	AQT015SB4	1968	
200	standard	120	1" / 1" / 1"	no	640	500	1452	51	AQT020SB4	2196	
300	standard	120	2" / 2" / 1"	1 x 2"	690	550	1505	90	AQT030SB4	2652	
500	standard	120	2" / 2" / 1"	1 x 2"	790	650	1815	120	AQT050SB4	3176	
	additional connection			2 x 2"					AQT052SB4	3267	
750	standard	120	2" / 2" / 1"	2 x 2"	890	750	2105	180	AQT075SB4	4489	
	additional connection			3 x 2"					AQT073SB4	4578	
	manhole	400		2 x 2"					AQT075SC4	6701	
	for UK *	120		2 x 2"					AQT075SB4U	4526	
1000	standard	120	2" / 2" / 1"	3 x 2"	1030	850	2180	215	AQT100SB5	6050	
	manhole	400							AQT100SC5	8304	
	for UK *	120							2 x 2"		AQT100SB5U
1500	standard	400	2" / 2" / 1"	no	1180	1000	2190	295	AQT150SC5	10409	
	for UK *								AQT150SC5U	10447	
2000	standard	400	2" / 2" / 2"	no	1280	1100	2490	345	AQT200SC5	12752	
	for UK *								AQT200SC5U	12790	
2500	standard	400	DN50 / DN50 / 1¼"	no	1480	1300	2380	470	AQT250SC5	16444	
3000	standard	400	DN50 / DN50 / 1¼"	no	1480	1300	2880	550	AQT300SC5	18568	
4000	standard	400	DN65 / DN65 / 1¼"	no	1480	1300	3630	660	AQT400SC5	22945	

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

D = outer diameter incl. insulation

d = outer diameter of tank

* for UK = 2" airvent on top

Dimensions and weights are target values

Insulation:

- 300 to 750 L: polyurethane foam (70 mm), covered with a PS hard plastic, European f reclass F.
- 1000 L: polyurethane foam (90 mm), covered with a PS hard plastic, European f reclass F.
- 1500 to 4000 L: polyurethane foam (90 mm), covered with aluminium plate, European f reclass D.



AquaTank Stainless Steel - FR only

Domestic Hot Water storage vessel made of 100% stainless steel type AISI 316 Ti. AquaTank 316 Ti is approved according to PED and manufactured according to directive 97/23/EC.

Key Benefits

- + Excellent quality
- + Very long lifetime
- + Extremely hygienic; no galvanic corrosion
- + Energy saving insulations following French regulations
- + Easy to install
- + Can be installed with a charging kit, see chapter "AquaCompact"

Inspection opening:

- up to 500 L: one inspection opening of 120 mm
- > 500 L: one inspection opening of 120 mm or 400 mm (manhole)

Max. operating pressure bar gauge	10
Max. operating temperature °C	95

Volume (L)	Insulation (mm)	Inspection opening (mm)	Connections		Immersion heater connection	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price
			tw / cw / circ.	top							
300	M1	120	2" / 2" / 1"	1"	1 x 2"	750	550	1505	67	AQT030SB1100	2390
	M0									AQT030SB0100	2933
500	M1	120	2" / 2" / 1"	1"	1 x 2"	850	650	1815	89	AQT050SB1100	2820
	M0									AQT050SB0100	3521
750	M1	120	2" / 2" / 1"	2"	2 x 2"	950	750	2105	144	AQT075SBU1100	3998
	M0			AQT075SBU0100	4910						
	M1	400		1"	2 x 2"				155	AQT075SC1100	6030
	M0									AQT075SC0100	7097
1000	M1	120	2" / 2" / 1"	2"	3 x 2"	1050	850	2180	197	AQT100SBU1100	4753
	M0			AQT100SBU0100						5813	
	M1	400		1"						AQT100SC1100	6738
	M0									AQT100SC0100	7950
1500	M1	400	2" / 2" / 1"	2"	no	1200	1000	2190	295	AQT150SCU1100	8428
	M0									AQT150SCU0100	9912
2000	M1	400	DN50 / DN50 / 1¼"	2"	no	1300	1100	2490	345	AQT200SCU1100	10240
	M0									AQT200SCU0100	12054
2500	M1	400	DN50 / DN50 / 1¼"	DN50	no	1500	1300	2380	470	AQT250SC1100	13543
	M0									AQT250SC0100	15500
3000	M1	400	DN50 / DN50 / 1¼"	DN50	no	1500	1300	2880	550	AQT300SC1100	15362
	M0									AQT300SC0100	17668
4000	M1	400	DN65 / DN65 / 1¼"	DN50	no	1500	1300	3630	660	AQT400SC1100	18354
	M0									AQT400SC0100	20827

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

D = outer diameter incl. insulation

d = outer diameter of tank

Dimensions and weights are target values

Insulation:

- M1: 100 mm glass wool covered with PVC jacket, European fire class B.
- M0: 100 mm rockwool clad with aluminium metal plate, European fire class A.

AquaTank Stainless Steel with Heating Coil



AquaTank Stainless Steel with Heating Coil

Domestic Hot Water storage vessel made of 100% stainless steel type AISI 316 Ti with heating coil made of stainless steel 316 Ti, Tube DN25.

Approved according to PED and manufactured according to directive 97/23/EC.

Key Benefits

- + Excellent quality
- + Very long lifetime
- + Extremely hygienic; no galvanic corrosion
- + Easy to install

Inspection opening:

- up to 200L: 2"
- > 200L: 120 mm

	Heating coil	Vessel
Max. operating pressure bar gauge	25	10
Max. operating temperature °C (2)	200	95

Volume (L)	Inspection opening	Connections (tw / cw / circ.)	Connection HC	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price
125	2"	1" / 1" / 1/2"	2 x 1"	640	500	940	40	AQTHC012SA4	2170
160						1190	50	AQTHC016SA4	2460
200						1 440	58	AQTHC020SA4	2705
350	120mm	1 1/4" / 1 1/4" / 3/4"	2 x 1"	690	550	1 725	85	AQTHC035SB4	3705
500		1 1/4" / 1 1/4" / 3/4"		790	650	1 745	95	AQTHC050SB4	4241
750		2" / 2" / 1"		940	800	1 830	145	AQTHC075SB4	6269
1000		2" / 2" / 1"		1030	850	2 080	195	AQTHC100SB5	7909

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

HC = Heating Coil

D = outer diameter incl. insulation

d = outer diameter of tank

Dimensions and weights are target values

Insulation:

- 125 to 750 L: polyurethane foam (70 mm), covered with a PS hard plastic, European freclass F.
- 1000 L: polyurethane foam (90 mm), covered with a PS hard plastic, European freclass F.



AquaTank Enamel 10 bar

Domestic Hot Water storage vessel made of enamel (glass-lined) 10 bar.

AquaTank Enamel 10bar is approved according to PED and manufactured according to directive 97/23/EC.

Delivery of magnesium anode included, assembling at site.

Key Benefits

- + Good value for money
- + Easy maintenance thanks to tanks' polished inside surface
- + High resistance to any chemicals
- + Energy saving insulations
- + Easy to install

Inspection opening:

- Up to 500 L: 110 mm
- 750 & 1000 L: 110 or 400 mm

Max. operating pressure bar gauge	10
Max. operating temperature °C	90

Volume (L)	Insulation (mm)	Inspection opening (mm)	Connections (tw / cw / circ.)	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price
300	M1	50	2" / 2" / 1"	650	549	1718	107	AQT030EB1T	1241
		100		750				AQT030EB1100T	1271
	M0	50		650	549	1718	127	AQT030EB0T	1730
		100		750				AQT030EB0100T	1986
500	M1	50	2" / 2" / 1"	730	630	2046	137	AQT050EB1T	1592
		100		830				AQT050EB1100T	1652
	M0	50		730	630	2046	160	AQT050EB0T	2290
		100		830				AQT050EB0100T	2584
750	M1	50	2" / 2" / 1"	890	790	1951	233	AQT075EB1T	2556
		100		990				AQT075EB1100T	2590
	M0	50		890	790	1951	255	AQT075EB0T	3313
		100		990				AQT075EB0100T	3636
	M1	50		890	790	1951	238	AQT075EC1T	3453
		100		990				AQT075EC1100T	3485
	M0	50		890	790	1951	255	AQT075EC0T	4102
		100		990				AQT075EC0100T	4426
1000	M1	50	2" / 2" / 1"	890	790	2304	263	AQT100EB1T	2833
		100		990				AQT100EB1100T	2874
	M0	50		890	790	2304	293	AQT100EB0T	3725
		100		990				AQT100EB0100T	4102
	M1	50		890	790	2304	263	AQT100EC1T	3736
		100		990				AQT100EC1100T	3778
	M0	50		890	790	2304	293	AQT100EC0T	4523
		100		990				AQT100EC0100T	4900

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

D = outer diameter incl. insulation

d = outer diameter of tank

Dimensions and weights are target values.

Insulation:

- M1: 50 or 100 mm glass wool covered with PVC jacket, European fire class B.
- M0: 50 or 100 mm rockwool clad with aluminium metal plate, European fire class A.

AquaTank Enamel 7 bar



AquaTank Enamel 7 bar

Domestic Hot Water storage vessel made of enamel (glass-lined) 7 bar.

AquaTank Enamel (7 bar) is approved according to PED and manufactured according to directive 97/23/EC.

Delivery of magnesium anode included, assembling at site.

Key Benefits

- + Good value for money
- + Easy maintenance thanks to tanks' polished inside surface
- + High resistance to any chemicals
- + Energy saving insulations
- + Easy to install
- + Can be installed with a charging kit, see chapter "AquaCompact"

Inspection opening:

- 110, 260 or 400 mm following volume

Max. operating pressure bar gauge	7
Max. operating temperature °C	90

Volume (L)	Insulation (mm)		Inspection opening (mm)	Connections (tw / cw / circ.)	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price	
300	M1	50	110	2" / 2" / 1"	650	549	1718	107	AQT030EB1	1241	
			260						AQT030ED1	1916	
		100	110		750					AQT030EB1100	1271
			260						AQT030ED1100	1946	
	M0	50	110		650			127	AQT030EB0	1730	
			260						AQT030ED0	2404	
		100	110		750					AQT030EB0100	1986
			260						AQT030ED0100	2660	
500	M1	50	110	2" / 2" / 1"	730	630	2046	137	AQT050EB1	1616	
			260						AQT050ED1	2226	
		100	110		830					AQT050EB1100	1677
			260						AQT050ED1100	2286	
	M0	50	110		730			160	AQT050EB0	2235	
			260						AQT050ED0	2844	
		100	110		830					AQT050EB0100	2546
			260						AQT050ED0100	3155	
750	M1	50	110	2" / 2" / 1"	890	790	1951	233	AQT075EB1	2389	
			400						AQT075EC1	3169	
		100	110		990					AQT075EB1100	2426
			400						AQT075EC1100	3207	
	M0	50	110		890			255	AQT075EB0	3074	
			400						AQT075EC0	3855	
		100	110		990					AQT075EB0100	3414
			400						AQT075EC0100	4195	
1000	M1	50	110	2" / 2" / 1"	890	790	2304	263	AQT100EB1	2667	
			400						AQT100EC1	3604	
		100	110		990					AQT100EB1100	2708
			400						AQT100EC1100	3645	
	M0	50	110		990			293	AQT100EB0	3492	
			400						AQT100EC0	4430	
		100	110		990					AQT100EB0100	3890
			400						AQT100EC0100	4827	
1500	M1	50	110	2" / 2" / 1"	1200	1100	2130	344	AQT150EB1	3623	
			400						AQT150EC1	4474	
		100	110		1300					AQT150EB1100	3668
			400						AQT150EC1100	4519	
	M0	50	110		1200			374	AQT150EB0	4753	
			400						AQT150EC0	5604	
		100	110		1300					AQT150EB0100	5221
			400						AQT150EC0100	6071	
2000	M1	50	400	2" / 2" / 1"	1200	1100	2315	371	AQT200EC1	5085	
		100	400		1300				AQT200EC1100	5128	
	M0	50	400		1200			400	AQT200EC0	6246	
		100	400		1300				AQT200EC0100	6744	
2500	M1	50	400	2" / 2" / 1"	1500	1400	2190	501	AQT250EC1	6282	
		100	400		1600				AQT250EC1100	6328	
	M0	50	400		1500			550	AQT250EC0	7710	
		100	400		1600				AQT250EC0100	8302	
3000	M1	50	400	2" / 2" / 1"	1500	1400	2319	540	AQT300EC1	7168	
		100	400		1600				AQT300EC1100	7233	
	M0	50	400		1500			600	AQT300EC0	8624	
		100	400		1600				AQT300EC0100	9219	

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

D = outer diameter incl. insulation



d = outer diameter of tank

All anodes, support feet of vessels and the insulations are delivered separately and need to be assembled at site.
for AquaTank Enamel (7 bar) with HEATING COIL please consult

Dimensions and weights are target values.

Insulation:

- M1: 50 or 100 mm glass wool covered with PVC jacket, European fire class B.
- M0: 50 or 100 mm rockwool clad with aluminium metal plate, European fire class A.

AquaTank 7 bar with Immersion Heater



AquaTank Enamel 7 bar with immersion heater

Domestic Hot Water storage vessel made of enamel (glass-lined) 7 bar with **Immersion Heater**.

AquaTank Enamel 7 bar is approved according to PED and manufactured according to directive 97/23/EC.

Key Benefits

- + Good value for money
- + Easy maintenance thanks to tanks' polished inside surface
- + High resistance to any chemicals
- + Energy saving insulations
- + Easy to install
- + Soapstone version: avoids short circuits as not in direct contact with water

Immersion heater:

- **INCOLOY** electrical immersion heater
- or
- **SOAPSTONE** electrical immersion heater

Inspection opening / man hole:

- In combination with INCOLOY electrical heater: 110 mm
- In combination with SOAPSTONE electrical heater: 400mm

Max. operating pressure bar gauge	7
Max. operating temperature °C	90

with INCOLOY immersion heater															
Vol- ume (L)	P (kW)	Insulation (mm)		Inspection opening (mm)	Connections (tw / cw / circ.)	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price				
300	9	M1	50	110	2" / 2" / 1"	650	549	1718	117	AQT030EB1X1	1601				
			100			750				AQT030EB1100X1	1630				
		M0	50			650			137	AQT030EB0X1	2090				
			100			750				AQT030EB0100X1	2346				
		500	9			M1			50	110	2" / 2" / 1"	730	630	2046	147
100	830			AQT050EB1100X1	2036										
M0	50			730	170	AQT050EB0X1	2595								
	100			830		AQT050EB0100X1	2906								
750	15			M1	50	110	2" / 2" / 1"	890	790			1951			243
	30	100	990		AQT075EB1X5			2798							
	15	M0	50		890			265		AQT075EB1100X3	2798				
	30									AQT075EB1100X5	2835				
	15			100						990	AQT075EB0X3		3446		
	30			990						AQT075EB0X5	3483				
	15	M0	100	990	990			AQT075EB0100X3		3786					
	30							AQT075EB0100X5		3824					
15	1000					M1	50	110	2" / 2" / 1"	890	790	2304	273	AQT100EB1X3	3039
30							100			990				AQT100EB1X5	3076
15		M0	50	990	303		AQT100EB1100X3			3080					
30							AQT100EB1100X5			3118					
15						100	990			AQT100EB0X3			3864		
30						990	AQT100EB0X5			3902					
15		M0	100	990	990	AQT100EB0100X3	4262								
30						AQT100EB0100X5	4299								
1500	15					M1	50	110	2" / 2" / 1"	1200	1100	2130	354	AQT150EB1X3	3911
	30						100			1300				AQT150EB1X5	3947
	15	M0	50	1200	384		AQT150EB1100X3			3957					
	30						AQT150EB1100X5			3993					
	15					100	1300			AQT150EB0X3			5041		
	30					990	AQT150EB0X5			5079					
	15	M0	100	1300	1300	AQT150EB0100X3	5509								
	30					AQT150EB0100X5	5547								



AquaTank 7 bar with Immersion Heater

with SOAPSTONE immersion heater											
Vol- ume (L)	P (kW)	Insulation (mm)		Inspec- tion opening (mm)	Conne- ctions DN (tw / cw / circ.)	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price
1000	12	M1	50	400	2" / 2" / 1"	900	790	2304	313	AQT100EC1Y2	4474
	15		100			1000				AQT100EC1Y3	4604
	12		100			1000				AQT100EC1100Y2	4516
	15		100			1000				AQT100EC1100Y3	4646
	12	M0	50			900			343	AQT100EC0Y2	5299
	15		100			900				AQT100EC0Y3	5432
	12		100			900				AQT100EC0100Y2	5697
	15		100			900				AQT100EC0100Y3	5827
1500	18	M1	50	400	2" / 2" / 1"	1220	1100	2130	394	AQT150EC1Y4	5407
	30		100			1320				AQT150EC1Y5	5942
	18		100			1320				AQT150EC1100Y4	5453
	30		100			1320				AQT150EC1100Y5	5987
	18	M0	50			1220			424	AQT150EC0Y4	6538
	30		100			1220				AQT150EC0Y5	7072
	18		100			1220				AQT150EC0100Y4	7006
	30		100			1220				AQT150EC0100Y5	7540
2000	18	M1	50	400	2" / 2" / 1"	1220	1100	2315	421	AQT200EC1Y4	6030
	30		100			1320				AQT200EC1Y5	6564
	18		100			1320				AQT200EC1100Y4	6073
	30		100			1320				AQT200EC1100Y5	6607
	18	M0	50			1220			450	AQT200EC0Y4	7191
	30		100			1220				AQT200EC0Y5	7724
	18		100			1220				AQT200EC0100Y4	7689
	30		100			1220				AQT200EC0100Y5	8223
2500	18	M1	50	400	2" / 2" / 1"	1520	1400	2190	551	AQT250EC1Y4	7351
	30		100			1620				AQT250EC1Y5	7886
	18		100			1620				AQT250EC1100Y4	7397
	30		100			1620				AQT250EC1100Y5	7933
	18	M0	50			1520			600	AQT250EC0Y4	8779
	30		100			1520				AQT250EC0Y5	9314
	18		100			1520				AQT250EC0100Y4	9370
	30		100			1520				AQT250EC0100Y5	9904
3000	18	M1	50	400	2" / 2" / 1"	1520	1400	2319	590	AQT300EC1Y4	8112
	30		100			1620				AQT300EC1Y5	8646
	18		100			1620				AQT300EC1100Y4	8176
	30		100			1620				AQT300EC1100Y5	8711
	18	M0	50			1520			650	AQT300EC0Y4	9568
	30		100			1520				AQT300EC0Y5	10102
	18		100			1520				AQT300EC0100Y4	10162
	30		100			1520				AQT300EC0100Y5	10697

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

D = outer diameter incl. insulation

d = outer diameter of tank

All anodes, support feet of vessels and the insulations are delivered separately and need to be assembled at site.

Thermostat and terminal block are factory mounted in a steel casing

Assembling, wiring as well as contactors and electrical protection to be done at site

Dimensions and weights are target values.

Insulation:

- M1: 50 or 100 mm glass wool covered with PVC jacket, European f reclass B.
- M0: 50 or 100 mm rockwool clad with aluminium metal plate, European f reclass A.

Primary Tank 5 bar



Primary Tank 5 bar

Primary storage vessel or thermal store, made of carbon steel, suitable to store water from heating loops, solar circuits and so on the boiler side. It reduces the boiler usage and improves system efficiency through the storage of large quantities of heated primary water, can be combined with any tap water system. Primary Tank is manufactured according to directive 97/23/EC.

Key Benefits

- + Energy saving as reduces the boiler usage of any energy source
- + Acts as a buffer on the primary side to meet the demand peaks for DHW
- + Low total costs of ownership
- + Hygienic solution, no risk of legionella
- + Can be combined with any direct system, as AquaFlow, AquaUranus/-Genius

Max. operating pressure bar gauge	5
Max. operating temperature °C	100

Volume (L)	Insulation (mm)	Connections DN cw / hw	D (mm)	d (mm)	Height (mm)	Weight (kg)	Part number	Price
300	M1	2" / 2"	830	630	1417	68	AQTVP030M1100	908
	M0						AQTVP030M0100	1527
500	M1		830	630	1996	96	AQTVP050M1100	1077
	M0						AQTVP050M0100	1837
750	M1		990	790	1905	120	AQTVP075M1100	1400
	M0						AQTVP075M0100	2208
1000	M1		990	790	2258	160	AQTVP100M1100	1632
	M0						AQTVP100M0100	2656
1500	M1		1300	1100	2083	244	AQTVP150M1100	2319
	M0						AQTVP150M0100	3663
2000	M1		1300	1100	2271	264	AQTVP200M1100	3863
	M0						AQTVP200M0100	3829
2500	M1		1600	1400	2140	367	AQTVP250M1100	3114
	M0						AQTVP250M0100	4620
3000	M1		1600	1400	2273	398	AQTVP300M1100	3461
	M0						AQTVP300M0100	4964

Abbreviations:

tw = tap water / cw = cold water / circ. = circulation

d = outer diameter of tank

Dimensions and weights are target values.

For 10 bar Primary tanks, please consult

Insulation:

- M1: 100 mm glass wool covered with PVC jacket, European fire class B.
- M0: 100 mm rockwool clad with aluminium metal plate, European fire class A.

Pool heaters



Aquapool Titanium

Packaged compact equipment designed for the automatic heating of swimming pool water using a primary fed by low pressure hot water (Centralised heating system, boiler, etc.) as a heating source.

Key Benefits

- + Very easy to install
- + Minimum of maintenance
- + Large choice for any swimming pool size
- + Titanium version: ideal solution for sea water or salted treatments

Nominal capacities and flow rates above are given for primary inlet temperature 90°C and swimming pool water inlet / outlet temperatures: 27/47°C

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	8
Max. operating temperature °C *	110	60

Model	Nominal capacities kW	Primary flow rate l / min.	Swimming pool flow rate l / min.	P. Drop SP side kPa	L x W x H mm	Weight (kg)	Part number	Price
100-07 TI	30	8,33	21,7	41	307 x 580 x 805	67	TSPG10007T	3146
100-11 TI	52	15,0	36,7	43		67	TSPG10011T	3271
100-17 TI	82	21,7	58,3	43		68	TSPG10017T	3454
100-23 TI	111	28,3	80,0	43		68	TSPG10023T	3638
100-29 TI	140	36,7	100,0	43		69	TSPG10029T	3822
100-35 TI	166	43,3	118,3	42		70	TSPG10035T	4005
100-41 TI	194	51,7	138,3	42		72	TSPG10041T	4189
100-49 TI	222	58,3	158,3	41		73	TSPG10049T	4436
100-55 TI	246	63,3	176,7	41		76	TSPG10055T	4631

* In accordance with each country's legislation
Frame single wall plate maximum capacity: 60.

Standard version equipment:

- Two manual isolation valves - Ball type - FPT connection
- SH Cast iron pump factory fitted and electrically wired
- SH Cast iron pump factory fitted and electrically wired
- Titanium M3 HT single wall plates with clip-on EPDM gaskets
- Three piece PVC connectors at the inlet and outlet connections suitable for glued pipework assembly
- Immersion temperature sensor fitted into a PVC pocket
- IP 55 electrical panel with door mounted thermostat, start/stop switch, power on light
- The electronic thermostat displays the swimming pool water inlet temperature
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Compliance with the European Directives 73/23 CE and DESP 97/23 CE



Aquapool Stainless Steel

Packaged compact equipment designed for the automatic heating of swimming pool water using a primary fed by low pressure hot water (Centralised heating system, boiler, etc.) as a heating source.

Key Benefits

- + Very easy to install
- + Minimum of maintenance
- + Large choice for any swimming pool size

Nominal capacities and flow rates above are given for primary inlet temperature 90°C and swimming pool water inlet / outlet temperatures: 27/47 °C.

Operating Limits	Primary	Secondary
Max. operating pressure bar	10	8
Max. operating temperature °C *	110	60

Model	Nominal capacities kW	Primary flow rate l / min.	Swimming pool flow rate l / min.	P. Drop SP side kPa	L x W x H mm	Shipping weight (kg)	Part number	Price
100-07 SS	30	8,33	21,7	41	307 x 580 x 805	67	TSPG10007	2683
100-11 SS	52	15,0	36,7	43		67	TSPG10011	2743
100-17 SS	82	21,7	58,3	43		68	TSPG10017	2832
100-23 SS	111	28,3	80,0	43		68	TSPG10023	2851
100-29 SS	140	36,7	100,0	43		69	TSPG10029	3042
100-35 SS	166	43,3	118,3	42		70	TSPG10035	3127
100-41 SS	194	51,7	138,3	42		72	TSPG10041	3212
100-49 SS	222	58,3	158,3	41		73	TSPG10049	3258
100-55 SS	246	63,3	176,7	41		76	TSPG10055	3302

* In accordance with each country's legislation
Frame single wall plate maximum capacity: 60.

Standard version equipment:

- Two manual isolation valves - Ball type - FPT connection
- SH Cast iron Grundfos pump factory fitted and electrically wired
- One non-return valve at the pump discharge side
- Stainless steel M3 HT single wall plates with clip-on EPDM gaskets
- Three piece PVC connectors at the inlet and outlet connections suitable for glued pipework assembly
- Immersion temperature sensor fitted into a PVC pocket
- IP 55 electrical panel with door mounted thermostat, start/stop switch, power on light
- The electronic thermostat displays the swimming pool water inlet temperature
- Suitable for connection to a 230 V / 1 Ph / 50 Hz + Earth power supply
- Compliance with the European Directives 73/23 CE and DESP 97/23 CE

Pressurisation sets



Pressosmart MP 195

Compact packaged pressurisation set including:

- Built in 195 litre epoxy painted mild steel expansion vessel
- Single headed multicellular centrifugal pump
- Brass pressure control valve
- Solenoid valve with 230V/50Hz coil
- High and low flow level contacts
- Model S1 & S2 : adjustable electro mechanical pressure switches
- Model L1 & L2 : pressure transducer and Micro 2000 PCS control & monitoring system

Complies with European Directives 73/23 CE and PED 97/23 CE - Art. 3.3
Fully assembled, wired, electrically & hydraulically tested

Operating Limits	Water
Max. operating pressure bar	5
Max. operating temperature °C	95

Model	Pumps/PCVs	Max static height (mWG)	Hydraulic connection	L x W x H mm	Weight (kg)	Part number	Price
S1	1 Pump/ 1 PCV	35	DN25 (1")	520 x 800 x 1070	95	MP195NS	3677
S2		15-45			98	MP195NS4150	3827
L1		35			95	MP195NL	4228
L2		15-45			98	MP195NL4150	4375

Options	Part number	Price
89 µm core water strainer - automatic cold feed (loose)	OPTMPFILT	153
Impulse meter (water leak detection)	OPTMPDETECT	282
Cold water feed bypass kit	BYPASMP	140
8 Relay board	OPT8RELAYMP	290
Software and download cable to extract data	OPTCABLE	338
Flooding detector	NDMP	279



Pressosmart MP 4

Split system type pressurisation set to be piped up to a remote expansion vessel on site. 2 Types of expansion vessels are proposed:

- Closed Expansion Vessel
- Open Expansion Vessel

Pump module main components:

- One single headed multicellular centrifugal pump
- One brass pressure control valve
- Solenoid valve with 230V/50Hz coil
- Piezo electric pressure transducer (if combined with Closed Expansion Vessels)
- Isolation valves
- Micro 2000 PCS control and monitoring system
- Float contacts for Open Expansion Vessel are NOT included in Pump module, see option "OPTMPFLO" below
- No float contacts are needed for Closed Expansion Vessels

Complies with European Directives 73/23 CE and PED 97/23 CE - Art. 3.3
Fully assembled, wired, electrically & hydraulically tested

Operating Limits	Water
Max. operating pressure bar	6
Max. operating temperature °C	95

Pump Module	Statistic Height	Pumps/PCVs	Hydraulic connection	L x W x H mm	Weight (kg)	Part number	Price
3-16	5-15	1 Pump/ 1 PCV	DN25 (1")	595 x 500 x 1460	50	MP4N316	3211
4-16	5-25				50	MP4N416	3261
5-16	15-35				50	MP4N516	3302
6-16	25 26-45				50	MP4N616 MP4N6163150	3398 3398
7-16	25 26-45 46-55				53	MP4N716 MP4N7163150 MP4N7165160	3594 3594 3594

Options	Part number	Price
8 litre anti-hammer vessel - work pressure: 8 Bar max.	VASABMP01	155
89 µm core water strainer - automatic cold feed (loose)	OPTMPFILT	153
Impulse meter (water leak detection)	OPTMPDETECT	282
Cold water feed bypass kit	BYPASMP	140
8 Relay board fitted in the control box	OPT8RELAYMP	311
Software and download cable to extract data	OPTCABLE	338
Flooding detector	INONDMP	279
Set of 2 float contacts	OPTMPFLO	298

- For Vessels see chapters "Closed Expansion Vessels" & "Open Expansion Vessels"



Pressosmart MP 5

Split system type pressurisation set to be piped up to a remote expansion vessel on site. 2 Types of expansion vessels are proposed:

- Closed Expansion Vessel
- Open Expansion Vessel

Pump module main components:

- Two single headed multicellular centrifugal pump
- One or two brass pressure control valves
- Solenoid valve with 230V/50Hz coi
- Piezo electric pressure transducer (if combined with Closed Expansion Vessels)
- Isolation valves
- Micro 2000 PCS control and monitoring system
- Float contacts for Open Expansion Vessel are NOT included in Pump module, see option "OPTMPFLO" below
- No float contacts are needed for Closed Expansion Vessels

Complies with European Directives 73/23 CE and PED 97/23 CE - Art. 3.3

Fully assembled, wired, electrically & hydraulically tested

Operating Limits	Water
Max. operating pressure bar	7
Max. operating temperature °C	95

Pump Module	Statistic Height	Pumps/PCVs	Hydraulic connection	L x W x H mm	Weight (kg)	Part number	Price
MP5N 3-16	15	2 Pumps / 1 PCV	DN40 (1 1/2")	595 x 500 x 1460	72	MP5N316	3584
MP5N 4-16	25				77	MP5N416	3924
MP5N 5-16	25				77	MP5N516	4006
	26-35					MP5N5163140	4006
MP5N 6-16	25				79	MP5N616	4211
	26-45					MP5N6163150	4211
MP5N 7-16	25				80	MP5N716	4686
	26-45					MP5N7163150	4686
	46-55					MP5N7165160	4686
MP5N 8-16	5-25				85	MP5N816	4941
	26-45					MP5N8163150	4941
	46-65					MP5N8165170	4941
MP5N 3-26	15	2 Pumps / 2PCVs			73	MP5N326	4477
MP5N 4-26	25				78	MP5N426	4570
MP5N 5-26	25				78	MP5N526	4649
	26-35					MP5N5263140	4649
MP5N 6-26	25				80	MP5N626	4846
	26-45					MP5N6263150	4846
MP5N 7-26	25				81	MP5N726	5200
	26-45					MP5N7263150	5200
	46-55					MP5N7265160	5200
MP5N 8-26	5-25				86	MP5N826	5501
	26-45					MP5N8263150	5501
	46-65					MP5N8265170	5501

Options	Part number	Price
8 litre anti-hammer vessel - work pressure: 8 Bar max.	VASABMP02	155
89 µm core water strainer - automatic cold feed (loose)	OPTMPFILT	153
Impulse meter (water leak detection)	OPTMPDETECT	282
Cold water feed bypass kit	BYPASMP	140
8 Relay board fitted in the control box	OPT8RELAYMP	311
Software and download cable to extract data	OPTCABLE	338
Flooding detector	INONDMP	279
Set of 2 float contacts	OPTMPFLO	298

- For Vessels see chapters "Closed Expansion Vessels" & "Open Expansion Vessels"



Pressosmart MP 7

Split system type pressurisation set to be piped up to a remote expansion vessel on site. Two types of expansion vessels are proposed:

- Closed Expansion Vessel
- Open Expansion Vessel

Pump module main components:

- Two single headed multicellular centrifugal pump **230V 1Ph+N**
- One or two pressure control valves: brass or stainless steel body
- Solenoid valve with 230V/50Hz coil
- Piezo electric pressure transducer (if combined with Closed Expansion Vessels)
- Isolation valves
- Micro 2000 PCS control and monitoring system
- Float contacts for Open Expansion Vessel are NOT included in Pump module, see option "OPTMPFLO" below
- No float contacts are needed for Closed Expansion Vessels

Complies with European Directives 73/23 CE and PED 97/23 CE - Art. 3.3
Fully assembled, wired, electrically & hydraulically tested

Operating Limits	Water
Max. operating pressure bar	7
Max. operating temperature °C	95

Pump Module	Statistic Height	Pumps/PCVs	Hydraulic connection	L x W x H mm	Weight (kg)	Part number	Price
MP7 10-16	10-45 46-55	2 Pumps / 1 PCV 44-6 (1)	DN50 (2")	595 x 500 x 1460	121	MP71016 MP710164555	5775 5775
MP7 13-16	10-45 46-55				135	MP71316 MP713164565	6307 6307
MP7 15-16	10-45 46-75				137	MP71516 MP715164575	6455 6455
MP7 10-26	10-45 46-55	2 Pumps / 2 PCVs 44-6 (1)			122	MP71026 MP710264555	6362 6362
MP7 13-26	10-45 46-55				136	MP71326 MP713264565	6892 6892
MP7 15-26	10-45 46-75				138	MP71526 MP715264575	7039 7039
MP7 10-17	10-45 46-55	2 Pumps / 1 PCV 44-7 (2)			122	MP71017 MP710174555	6441 6441
MP7 13-17	10-45 46-55 56-65				137	MP71317 MP713174555 MP713175565	6974 6974 6974
MP7 15-17	10-45 46-55 56-75				138	MP71517 MP715174555 MP715175575	7122 7122 7122
MP7 10-27	10-45 46-55	2 Pumps / 2 PCVs 44-7 (2)			123	MP71027 MP710274555	7695 7695
MP7 13-27	10-45 46-55 56-65				137	MP71327 MP713274555 MP713275555	8224 8224 8224
MP7 15-27	10-45 46-55 56-75				139	MP71527 MP715274555 MP715275575	8372 8372 8372

(1) PCV 44-6 = Pressure control valve brass body

(2) PCV 44-7 = Pressure control valve with stainless steel body; bigger setting scale and better fine-tuning of the settings

Options	Part number	Price
8 litre anti-hammer vessel - work pressure: 8 Bar max.	VASABMP03	188
89 µm core water strainer - automatic cold feed (loose)	OPTMPFILT	153
Impulse meter (water leak detection)	OPTMPDETECT	282
Cold water feed bypass kit	BYPASMP	140
8 Relay board fitted in the control box	OPT8RELAYMP	311
Software and download cable to extract data	OPTCABLE	338
Flooding detector	INONDMP	279
Set of 2 float contacts	OPTMPFLO	298

- For Vessels see chapters "Closed Expansion Vessels" & "Open Expansion Vessels"
- For 3 phases on request

Closed expansion vessels



Closed expansion vessels

Standard version equipment:

- Outside steel, inside internal rubber bag
- Two configurations: with or without control equipment
- Float contacts are not needed for Closed Expansion Vessels

Key Benefits

- + Water loop is not in contact with air
- + Upgrading from Open to Closed vessels is very easy; no need to change the pump module
- + Possibility to have several vessels in serie (only one vessel needs the control equipment)

Operating Limits	Water
Max. operating pressure bar	1
Max. operating temperature °C	80

Volume (L)	Control equipment	To be connected to	Diameter	Height (mm)*	Weight (kg)	Part number	Price
500	with	MP4 / MP5 / MP7	775	1642	90	VASMP0500E7	3502
	without					VASMP0500	1221
1000	with		800	2465	150	VASMP1000E7	4415
	without					VASMP1000	2190

*Feet and purge included



Open Expansion Vessels

- PPH material (polypropylene)
- Excellent corrosion resistance
- Removable top cover for internal inspection
- Strengthened connections (steel rings)
- Specially designed to be piped up to all pump modules
- Capacities from 200 to 5000 litres
- Equipped with 2 float contacts if Vessel is combined with a Pump Module (Part number ending with "...PPHX")
- No float contacts are provided for Loose Vessels (Part number ending with "...PPHY")

Key Benefits

- + Good value for money
- + Excellent corrosion resistance
- + Possibility to have several vessels in serie
- + Large choice of volumes

Operating Limits	Water
Max. operating pressure bar	atmosphere
Max. operating temperature °C	80

Open vessels combined with a Pump Module / 2 float contacts included						
Volume (L)	To be connected to	diam. (mm)	Height (mm)	Weight (kg)	Part number	Price
200	MP4 / MP5 / MP7	400	1505	14	BAC0200PPHX	1316
400		600	1505	19	BAC0400PPHX	1329
600		700	1505	23	BAC0600PPHX	1458
800		850	1506	33	BAC0800PPHX	1546
1000		950	1506	38	BAC1000PPHX	1655
1800		1250	1506	57	BAC1800PPHX	2292
2500		1250	2006	85	BAC2500PPHX	2659
3000		1430	2008	104	BAC3000PPHX	2978
3500		1430	2258	113	BAC3500PPHX	3241
4000		1430	2508	122	BAC4000PPHX	3377
5000		1430	3008	167	BAC5000PPHX	3665

Open vessels loose / float contacts are NOT included						
Volume (L)	To be connected to	diam. (mm)	Height (mm)	Weight (kg)	Part number	Price
200	MP4 / MP5 / MP7	400	1505	14	BAC0200PPHY	1106
400		600	1505	19	BAC0400PPHY	1119
600		700	1505	23	BAC0600PPHY	1247
800		850	1506	33	BAC0800PPHY	1336
1000		950	1506	38	BAC1000PPHY	1445
1800		1250	1506	57	BAC1800PPHY	2082
2500		1250	2006	85	BAC2500PPHY	2449
3000		1430	2008	104	BAC3000PPHY	2768
3500		1430	2258	113	BAC3500PPHY	3030
4000		1430	2508	122	BAC4000PPHY	3167
5000		1430	3008	167	BAC5000PPHY	3455

Magnetic f lter



KAB

Magnetic settling pots enable to remove ferrous corrosion particles contained into water pipeworks on the primary side. They consist of a set of magnet bars immersed in water that will trap ferrous particles. Heavier non ferrous particles will decant within the KAB body due to the velocity reduction.

Key Benefits

- + Keeps the primary circuit clean
- + Improves the heat transfer in the tap water system
- + Extremely easy to install and to maintain
- + Possibility to add a strainer for non ferrous particles

Operating Limits	Water
Max. operating pressure bar	10
Max. operating temperature °C *	110

Model	Nominal capacities kW	Instal. volume m ³	Water flow rates (m ³ /h)		Captation power kGs	Hydraulic connection DN	Net weight kGs	Part number	Price
			Installation	KAB					
KAB 03	350	5	15	3	0.6	1"	50	KAB0300	2164
KAB 07	820	10	35	7	1.2	65	90	KAB0700	2549
KAB 15	1750	25	75	15	2.4	65	105	KAB1500	3006
KAB 25	3000	40	125	25	4.2	65	120	KAB2500	3247

Options	Model	Part number	Price
50 m mesh removable strainer basket	KAB 07 & 15	KABFIL15	1367
	KAB 25	KABFIL25	1410
Feed circulator shipped loose **	KAB 03 - 230/1/50 - 90 W - 0.40 A	KABPOM03	181
	KAB 07 - 230/1/50 - 245 W - 1.05 A	KABPOM07	857
	KAB 15 - 230/1/50 - 380 W - 1.75 A	KABPOM15	1012
	KAB 25 - 400/3/50 - 720 W - 1.30 A	KABPOM25	1216
Inlet & outlet manual isolation valves shipped loose	KAB 03 - DN 25	KABROB03	60
	KAB 07 & KAB 15 & KAB 25 - DN 65	KABROB25	513
Option pump + valves **	KAB 03 - DN 25	KABPOMVAN03	230
	KAB 07 - DN 65	KABPOMVAN07	980
	KAB 15 - DN 65	KABPOMVAN15	1218
	KAB 25 - DN 65	KABPOMVAN25	1543

*In accordance with each country's legislation

**Matting flanges, gaskets and bolts not provided

Standard specifications:

- External rust protection paint
- PN 10/16 ISO flanges
- Automatic purge cock, manual drain valve
- Magnetic cylindric barrels
- Matting flanges, gaskets and bolts not provided
- Compliance with the European Directives 73/23 CE

Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineered solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again.

We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com

