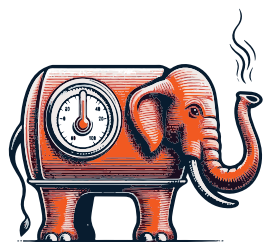
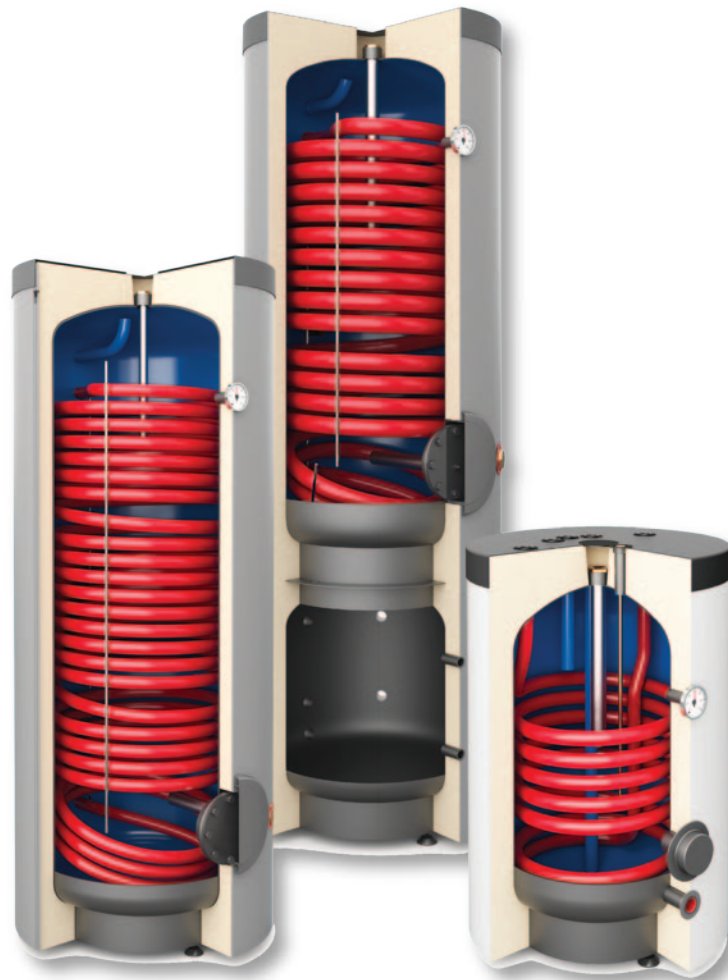


CATALOGUE 2025

Cylinders, water treatment devices, electric boilers, valves,
filters, chemical agents, demi-units



BANDASKY
IMPORT & EXPORT HVAC

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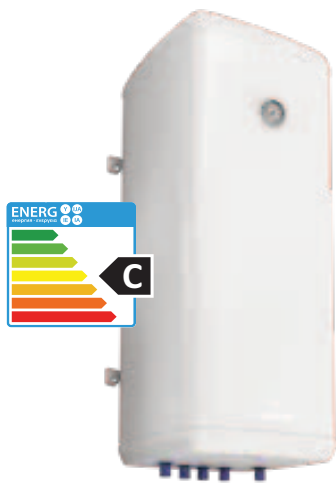
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17	BUFFER Maxi - Steel buffer tank with large coil exchanger, incl. insulation (800/1 - 1000/1)
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20	BUFFER - Steel buffer tank, incl. insulation (800 - 5000)
21	Non-standard steel BEFFER tanks with internal baffles are available upon request
22	ARAGO Mini, Home - Ionic drinking water treatment device designed to eliminate limescale deposits
23	ARAGO Industry - Ionic drinking water treatment device designed to eliminate limescale deposits
24	Antarktis RD2.3 - Stainless Steel Mechanical Filter DN50-DN150 for drinking water systems
25	RIFLEMAN - External electric boiler designed for heating water in central heating systems
26	COLONEL 230V - Electric heating boilers, Advanced LCD automation, PV-ready
27	VZK, VZU - Three-way ball valves with actuator
28	SP-M1 - Brass Magnetic-Mechanical Filter (G1") for Boilers and Heat Pumps
29	T-Filter - Stainless Steel Magnetic-Mechanical Filter DN50 (G2")
30	ULTIMA RD4.1 - 2" Magnetic Mechanical Filter for Heating and Cooling Systems
31	ULTIMA RD2.1 - Magnetic Mechanical Filter DN65–DN150
32	3SC - Stainless Steel Separator Cyclone DN65–DN150
33	Chemical Agents for Protecting Operating Fluids in Heating and Cooling Systems
34	Glycol Antifreeze Mixtures and Water Treatment Units for Filling Heating and Cooling Systems
35	HP BASIC - Heat Pump for Domestic Hot Water Heating, Including an Enamelled Single Coil Cylinder

VULCAN Kombi - Enamelled Single Coil Cylinder, Wall-Mounted (100–140) or Free-Standing (100–200)

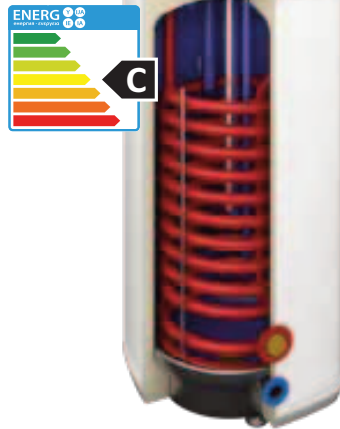
Labelling	VULCAN Kombi	100/1 wm	120/1 wm	140/1 wm	100/1	120/1	140/1	200/1
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2)	l	101	113	140	101	113	140	194
Installation Location		wall-mounted	wall-mounted	wall-mounted	standing	standing	standing	standing
SKU	Incl. non-removable insulation	1EX 26-105600	1EX 26-125600	1EX 26-145600	1EX 26-105500	1EX 26-125500	1EX 26-145500	1EX 26-205500
ErP - energy efficiency class		C	C	C	C	C	C	C
Max. working pressure (Cylinder / Coil)	MPa	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6
Max. working temperature (Cylinder / Coil)	°C	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface	m²	1,2	1,2	1,2	1,2	1,2	1,2	1,6
Coil capacity	l	5,2	5,2	5,2	5,2	5,2	5,2	11,2
Coil performance at (70/10/45 °C)	kW	29	29	29	29	29	29	39
Coil yield at (70/10/45 °C)	l/h	700	700	700	700	700	700	950
Electric heating element performance	kW	1,5	2,0	2,0	1,5	2,0	2,0	Optional
Temperature range	Electronically / manually	°C	5-75 / 8-77	5-75 / 8-77	5-75 / 8-77	5-75 / 8-77	5-75 / 8-77	-
Heating time to 40°C	h	2,0	1,9	2,2	2,0	1,9	2,2	-
Required heating water flow	m ³ /h	2,5	2,5	2,5	2,5	2,5	2,5	2,6
Magnesium anode	Top bottom (5/4" thread)	mm	26x550	26x550	26x550	26x550	26x550	38x400
dimension L (total height)	mm	1050	1150	1300	1050	1150	1300	1190
dimension D (total diameter incl. non-removable insulation)	mm	455x455	455x455	455x455	455x455	455x455	455x455	650x650
dimension A – DHW inlet / outlet	mm	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"
dimension B – Coil inlet/outlet	mm	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1"
dimension R – pitch	mm	280	280	280	280	280	280	380
Empty tank weight incl. Insulation	kg	57	62	67	57	62	67	94

Cladding in lacquered sheet metal, white color. Warranty details in the original manufacturer's warranty card "Galmet Sp. z o.o." Sp. K.

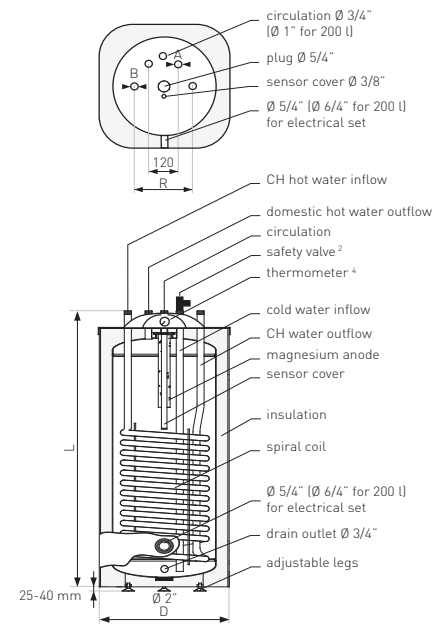
It is suitable for use with all types of boilers, including gas, oil, coal, wood, and pellet models.







Wall-mounted with all connections at the bottom



Standing with all connections at the top

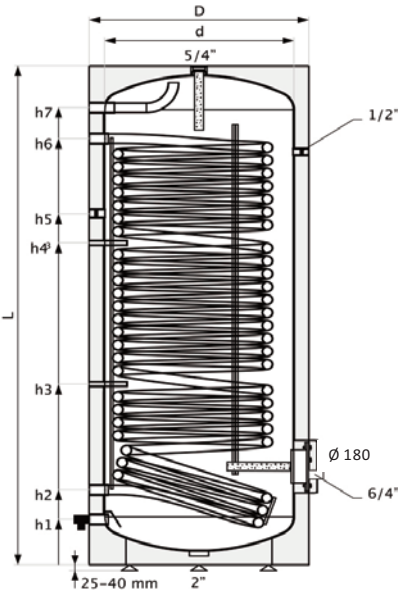


Basic Equipment – Spare Part	VULCAN Kombi	100/1 wm	120/1 wm	140/1 wm	100/1	120/1	140/1	200/1
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions							
	Top bottom (5/4" thread)	SKU	-	-	40-262302	40-262302	40-262302	40-263800
	(M8 screw)	SKU	M-000628	M-000628	-	-	-	-
Optional Equipment	VULCAN Kombi	100/1 wm	120/1 wm	140/1 wm	100/1	120/1	140/1	200/1
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection							
	Top bottom (5/4" thread)	SKU	-	-	M-010527	M-010527	M-010527	M-010527
	(M8 screw)	SKU	M-000355	M-000355	M-000355	M-000355	M-000355	M-000355
					The M8 screw-mounted anode is optional or can be used instead of the one on the plug, but it requires installation in a plug with a fi10mm hole.			
	GE Electric Heater with Built-in Thermostat							
	2,0 kW 230 V - 5/4" 310 mm	SKU	-	-	41-020002	41-020002	41-020002	-
	2,0 kW 230 V - 6/4" 370 mm	SKU	-	-	-	-	-	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU	-	-	-	-	-	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU	-	-	-	-	-	41-045016
	Ionic water treatment plant designed to prevent limescale build-up							
	Arago home 3/4"	SKU	HO-3/4"	HO-3/4"	HO-3/4"	HO-3/4"	HO-3/4"	-
	Arago home 1"	SKU	-	-	-	-	-	HO-1"

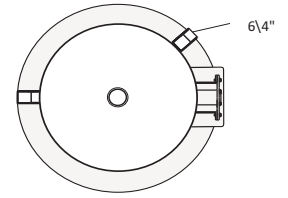
GRAND - Enamelled Single Coil Heat Pump Cylinder, including insulation (160/1 to 500/1)

Labelling		GRAND 160/1	GRAND 200/1	GRAND 250/1	GRAND 300/1	GRAND 400/1	GRAND 500/1
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	160	193	241	297	386	484
SKU	incl. non-removable PUR insulation	1EX 26-168107	1EX 26-208107	1EX 26-258107	1EX 26-308107N	1EX 26-408107N	1EX 26-504107N
ErP - energy efficiency class		B	B	B	B	C	B
Max. working pressure	(Cylinder / Coil)	MPa 1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature	(Cylinder / Coil)	°C 95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface	m²	1,4	2,0	2,4	2,7	3,8	4,3
Coil capacity	l	9,8	14,0	17,0	18,9	26,5	30,5
Coil performance at (80/10/45 °C)	kW	44,8	50,0	56,4	64,0	91,0	102,0
Coil performance at (80/10/60 °C)	kW	28,0	40,0	48,8	55,0	77,5	87,0
Coil yield at (80/10/60 °C)	l/h	10,0	14,0	16,8	19,0	28,0	31,0
Coil performance for heat pump at (50/10/45 °C)	kW	485	693	832	953	1342	1507
Required heating water flow	m ³ /h	3,0	3,0	3,0	3,0	3,0	3,0
Magnesium anode	Top bottom (5/4" thread)	mm 38x200	38x400	38x400	38x400	38x600	38x600
	inspection hole (M8 screw)	mm 38x200	38x200	38x200	38x200	38x200	38x200
h1 – DHW inlet	mm	1 / 130	1 / 130	1 / 130	1 / 130	1 / 155	1 / 180
h2 – Coil outlet	mm	1 / 205	1 / 205	1 / 210	1 / 205	1 / 255	1 / 280
h3 – sensor sump – Ø	mm	3/8" / 370	3/8" / 425	3/8" / 570	3/8" / 435	3/8" / 615	3/8" / 560
h4 – sensor sump – Ø	mm	-	-	-	3/8" / 1050	3/8" / 1095	3/8" / 1260
h5 – circulation	mm	3/4" / 555	3/4" / 655	3/4" / 860	3/4" / 1145	3/4" / 1195	5/4" / 1370
h6 – Coil inlet	mm	1" / 685	1" / 900	1" / 1080	1" / 1250	1" / 1450	1" / 1615
h7 – DHW outlet	mm	1" / 760	1" / 975	1" / 1160	1" / 1355	1" / 1555	1" / 1735
d (diameter without insulation)	mm	550	550	550	550	600	630
D (total diameter incl. non-removable PUR insulation)	mm	670	670	670	670	700	755
L (total height)	mm	920	1140	1300	1615	1750	1950
Empty tank weight incl. Insulation	kg	76	95	114	125	185	235

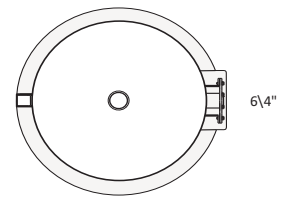
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



GRAND 160 - 400 l
6/4" input for electric heating element entrance next to flange



GRAND 500 l
6/4" input for electric heating element Flange component input

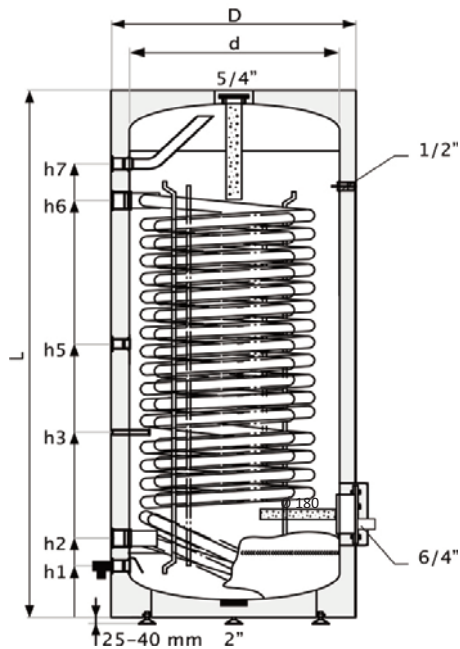
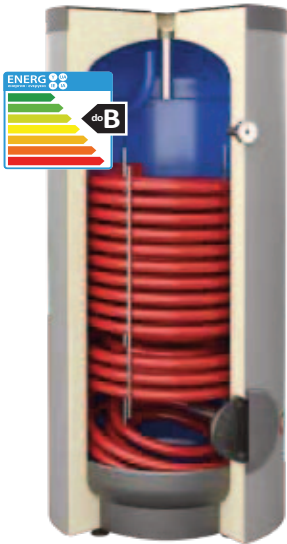


Basic Equipment – Spare Parts		GRAND 160/1	GRAND 200/1	GRAND 250/1	GRAND 300/1	GRAND 400/1	GRAND 500/1
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions						
	Top bottom (5/4" thread)	SKU 40-263800	40-263800	40-263800	40-263800	40-263901	40-263901
	inspection hole (M8 screw)	SKU M-005148	M-005148	M-005148	M-005148	M-005148	M-005148
Optional Equipment		GRAND 160/1	GRAND 200/1	GRAND 250/1	GRAND 300/1	GRAND 400/1	GRAND 500/1
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection						
	Top bottom (5/4" thread)	SKU M-010527	M-010527	M-010527	M-010927	M-010927	M-010927
	inspection hole (M8 screw)	SKU M-000355	M-000355	M-000355	-	-	-
	GE Electric Heater with Built-in Thermostat						
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016	41-060016	41-060016	41-060016
	2,0 kW 230 V - Ø180 450 mm	SKU 41-020021	41-020021	41-020021	41-020021	41-020021	41-020021
	3,0 kW 230 V - Ø180 500 mm	SKU 41-030021	41-030021	41-030021	41-030021	41-030021	41-030021
	4,5 kW 400 V - Ø180 450 mm	SKU 41-045021	41-045021	41-045021	41-045021	41-045021	41-045021
	6,0 kW 400 V - Ø180 450 mm	SKU 41-060021	41-060021	41-060021	41-060021	41-060021	41-060021
	9,0 kW 400 V - Ø180 500 mm	SKU 41-090021	41-090021	41-090021	41-090021	41-090021	41-090021
12,0 kW 400 V - Ø180 500 mm	SKU 41-120021	41-120021	41-120021	41-120021	41-120021	41-120021	
	Ionic water treatment plant designed to prevent limescale build-up						
	Arago home 1" F	SKU HO-1"	HO-1"	HO-1"	HO-1"	HO-1"	HO-1"

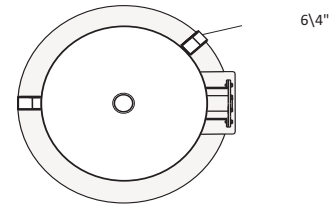
MAXI - Enamelled Single Coil Cylinder with Large Heat Transfer Surface, including insulation (250/1 to 500/1)

Labelling			MAXI 250/1	MAXI 300/1	MAXI 400/1	MAXI 500/1
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l		243	290	376	471
SKU	Incl. non-removable PUR (polyureth)		1EX 26-258500N	1EX 26-308500N	1EX 26-408100N	1EX 26-504100N
ErP - energy efficiency class			B	B	C	B
Max. working pressure	(Cylinder / Coil)	MPa	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature	(Cylinder / Coil)	°C	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface		m²	2,9	3,6	5,0	6,0
Coil capacity		l	24,0	30	34,9	41,9
Coil performance at	(80/10/45 °C)	kW	70	85	108	114
Coil performance at	(80/10/60 °C)	kW	60	73	89	99
Coil yield at	(80/10/60 °C)	l/h	1100	1385	1460	1724
Coil performance for heat pump at	(50/10/45 °C)	kW	21	26	37	39
Required heating water flow		m ³ /h	3,0	3,0	3,0	3,0
Magnesium anode	Top bottom (5/4" thread)	mm	38x600	38x600	38x600	38x600
	inspection hole (M8 screw)	mm	38x200	38x200	38x200	38x400
h1 - DHW inlet		mm	1" / 130	1" / 130	1" / 150	1" / 180
h2 - Coil outlet		mm	5/4" / 220	5/4" / 230	5/4" / 235	5/4" / 265
h3 - sensor sump - Ø		mm	3/8" / 600	3/8" / 610	3/8" / 560	3/8" / 610
h5 - circulation		mm	3/4" / 870	3/4" / 995	3/4" / 840	3/4" / 870
h6 - Coil inlet		mm	5/4" / 1120	5/4" / 1345	5/4" / 1285	5/4" / 1415
h7 - DHW outlet		mm	1" / 1210	1" / 1445	1" / 1475	1" / 1650
d (diameter without insulation)		mm	550	550	600	630
D (total diameter incl. non-removable PUR insulation)		mm	670	670	700	755
L (total height)		mm	1380	1615	1750	1950
Empty tank weight incl. Insulation		kg	140	153	215	247

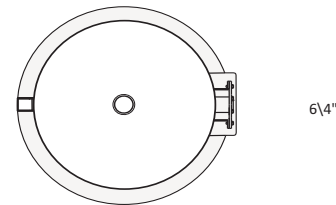
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z.o.o. Sp. K."

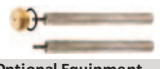





MAXI 250 - 400 l
6/4" input for electric heating element
entrance next to flange



MAXI 500 l
6/4" input for electric heating element
Flange component input

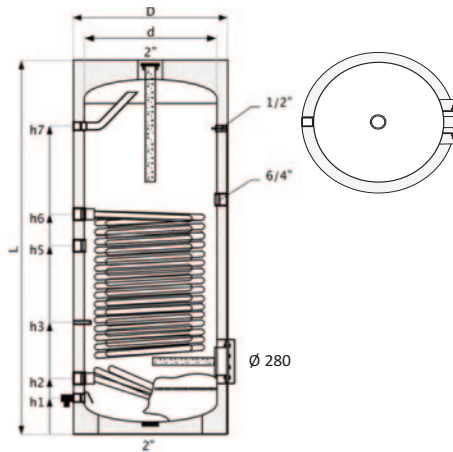
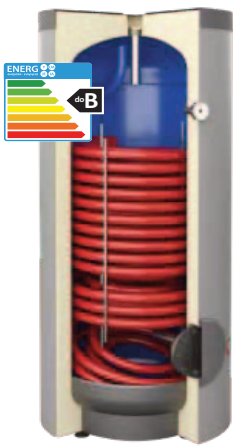


Basic Equipment - Spare Parts			MAXI 250/1	MAXI 300/1	MAXI 400/1	MAXI 500/1
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions					
	Top bottom (5/4" thread)	SKU	40-263800	40-263800	40-263901	40-263901
	inspection hole (M8 screw)	SKU	M-005148	M-005148	M-005148	M-005148
Optional Equipment			MAXI 250/1	MAXI 300/1	MAXI 400/1	MAXI 500/1
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection					
	Top bottom (5/4" thread)	SKU	M-010527	M-010927	M-010927	M-010927
	inspection hole (M8 screw)	SKU	M-000355	-	-	-
	GE Electric Heater with Built-in Thermostat					
	2,0 kW 230 V - 6/4" 370 mm	SKU	41-020011	41-020011	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU	41-045016	41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU	41-060016	41-060016	41-060016	41-060016
	2,0 kW 230 V - Ø180 450 mn	SKU	41-020021	41-020021	41-020021	41-020021
	3,0 kW 230 V - Ø180 500 mn	SKU	41-030021	41-030021	41-030021	41-030021
	4,5 kW 400 V - Ø180 450 mn	SKU	41-045021	41-045021	41-045021	41-045021
	6,0 kW 400 V - Ø180 450 mn	SKU	41-060021	41-060021	41-060021	41-060021
	9,0 kW 400 V - Ø180 500 mn	SKU	-	-	41-090021	41-090021
12,0 kW 400 V - Ø180 500 m	SKU	-	-	41-120021	41-120021	
	Ionic water treatment plant designed to prevent limescale build-up					
	Arago home 1" F	SKU	HO-1"	HO-1"	HO-1"	HO-1"

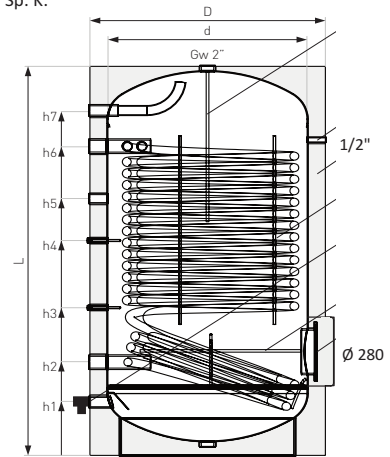
MAXI - Enamelled Single Coil Cylinder with Large Heat Transfer Surface, including insulation (700/1 to 1000/1)

Labelling			MAXI 700/1	MAXI 1000/1 ri	MAXI 800/1 ri	MAXI 1000/1 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l		657	973	880	985
SKU	incl. non-removable PUR insulation		1EX 26-704100N	-	-	-
	Incl. removable insulation		-	1EX 36-104700N	1EX 26-804808N	1EX 36-104808N
ErP - energy efficiency class			C	C	C	C
Max. working pressure (Cylinder / Coil)	MPa		1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature (Cylinder / Coil)	°C		95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface	m²		6,5	6,5	9,0	12,0
Coil capacity	l		45,4	45,4	76,0	101,0
Coil performance at (80/10/45 °C)	kW		138	138	182	240
Coil performance at (80/10/60 °C)	kW		108	108	-	-
Coil yield at (80/10/60 °C)	l/h		1894	1886	1894	1894
Coil performance for HP at (50/10/45 °C)	kW		40	40	62	80
Required heating water flow	m ³ /h		3,0	3,0	3,0	3,0
Anode			Magnesium	Magnesium	Titanium	Titanium
	Top bottom (2" thread)	mm	38x600	38x600	40x850	40x850
	inspection hole (M8 screw)	mm	38x400	38x400	38x600	38x600
h1 – DHW inlet	mm		6/4" / 215	6/4" / 245	6/4" / 255	6/4" / 255
h2 – Coil outlet	mm		5/4" / 395	5/4" / 445	2" / 445	2" / 445
h3 – sensor sump – Ø	mm		3/8" / 755	3/8" / 745	1/2" / 705	1/2" / 705
h4 – sensor sump – Ø	mm		-	-	1/2" / 1025	1/2" / 1050
h5 – circulation	mm		5/4" / 1175	5/4" / 1075	5/4" / 1225	5/4" / 1375
h6 – Coil inlet	mm		5/4" / 1355	5/4" / 1195	2" / 1475	2" / 1695
h7 – DHW outlet	mm		6/4" / 1715	6/4" / 1575	6/4" / 1625	6/4" / 1845
d (diameter without insulation)	mm		700	900	900	900
D (total diameter including insulation)	mm		855	1060	1060	1060
L (total height)	mm		2050	2020	1935	2135
Tilt height	mm		2220	2230	2080	2340
Empty tank weight incl. Insulation	kg		307	398	454	521





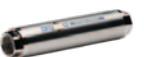
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



MAXI 700 - 1000 l



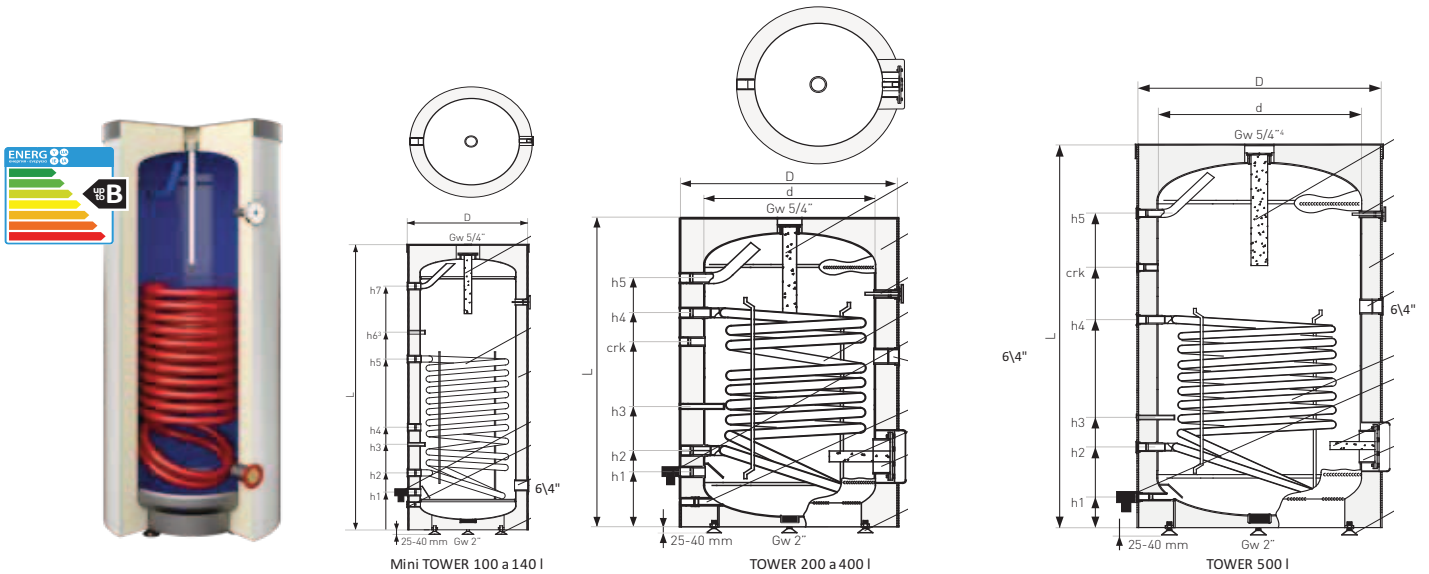
MAXI 800 - 1000 l

Basic Equipment – Spare Parts			MAXI 700/1	MAXI 1000/1 ri	MAXI 800/1 ri	MAXI 1000/1 ri	
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions						
	Top bottom (2" thread)	SKU	40-263900	40-263900	-	-	
	inspection hole (M8 screw)	SKU	M-012330	M-012330	-	-	
	Active titanium anode, including a power supply unit, for unlimited corrosion protection						
	double M8 (upper bottom + rev. hole)	SKU	-	-	M-007342	M-007342	
Optional Equipment			MAXI 700/1	MAXI 1000/1 ri	MAXI 800/1 ri	MAXI 1000/1 ri	
	Active titanium anode, including a power supply unit, for unlimited corrosion protection						
	double M8 (upper bottom + rev. hole)	SKU	M-004420	M-004420	-	-	
	GE Electric Heater with Built-in Thermostat						
	4,5 kW 400 V - 6/4" 400 mm	SKU	41-045016	41-045016	-	-	
	6,0 kW 400 V - 6/4" 500 mm	SKU	41-060016	41-060016	-	-	
	9,0 kW 400 V - 6/4" 680 mm	SKU	41-090016	41-090016	-	-	
	12,0 kW 400 V - 6/4" 750 mm	SKU	-	41-120016	-	-	
	9,0 kW 400 V - Ø280 500 mm	SKU	41-090020	41-090020	41-090020	41-090020	
	12,0 kW 400 V - Ø280 500 mm	SKU	41-120020	41-120020	41-120020	41-120020	
18,0 kW 400 V - Ø280 650 mm	SKU	41-180020	41-180020	41-180020	41-180020		
24,0 kW 400 V - Ø280 650 mm	SKU	41-240020	41-240020	41-240020	41-240020		
	Ionic water treatment plant designed to						
	Arago home 1"F	SKU	HO-1"	HO-1"	HO-1"	HO-1"	
	Arago industry 6/4"F	SKU	IN-40-IT	IN-40-IT	IN-40-IT	IN-40-IT	

TOWER - Enamelled Single Coil Cylinder, including insulation (100/1 - 500/1)

Labelling	Mini TOWER 100/1	Mini TOWER 120/1	Mini TOWER 140/1	TOWER 200/1	TOWER 300/1	TOWER 400/1	TOWER 500/1	
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	102	114	129	197	309	405	513	
SKU	1EX 26-108000	1EX 26-128000	1EX 26-148000	1EX 26-208000	1EX 26-308000N	1EX 26-408000N	1EX 26-504000N	
ErP - energy efficiency class	B	B	B	B	B	C	B	
Max. working pressure (Cylinder/Coil)	0,6 / 1,6	0,6 / 1,6	0,6 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	
Max. working temperature (Cylinder/Coil)	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	
Coil heating surface	m2	0,6	0,95	0,95	1,4	1,4	1,8	2,0
Coil capacity	l	2,6	4,1	4,1	9,8	9,8	12,6	14,0
Coil performance at (70/10/45 °C)	kW	16	23	23	33,6	33,6	43	48
Coil yield at (70/10/45 °C)	l/h	390	560	560	800	800	1030	1150
Coil performance at (80/10/45 °C)	kW	21,1	30,4	30,4	44,8	44,8	57,6	64
Coil yield at (80/10/45 °C)	l/h	510	740	740	1070	1070	1380	1530
Magnesium anode	Top bottom (5/4" thread)	25x390	25x390	25x390	38x400	38x400	38x600	38x600
	inspection hole (M8 screw)	-	-	-	38x200	38x200	38x200	38x200
Dimension H1 - DHW inlet	mm	3/4" 210	3/4" 165	3/4" 165	1" / 210	1" / 130	1" / 240	1" / 180
Dimension H2 - Coil outlet	mm	3/4" / 310	3/4" / 250	3/4" / 250	1" / 290	1" / 280	1" / 320	1" / 320
Dimension H3 - sensor sump - Ø	mm	3/8" / 400	3/8" / 400	3/8" / 400	3/8" / 435	3/8" / 435	3/8" / 570	3/8" / 530
CRK dimension - circulation	mm	-	-	-	3/4" / 680	3/4" / 650	3/4" / 770	3/4" / 1320
Dimension H4 - Coil inlet	mm	-	-	-	1" / 790	1" / 750	1" / 870	1" / 970
Dimension H5 - circulation	mm	3/4" / 500	3/4" / 450	3/4" / 450	-	-	-	-
Dimension H5 - DHW output	mm	-	-	-	1" / 860	1" / 1355	1" / 1470	1" / 1650
Dimension H5 - Heat exchanger inlet	mm	3/4" 710	3/4" 750	3/4" 750	-	-	-	-
Dimension H6 - sensor sump II - Ø	mm	-	3/8" / 830	3/8" / 875	-	-	-	-
Dimension H7 - DHW output	mm	3/4" 790	3/4" 920	3/4" 1070	-	-	-	-
Dimension D (diameter without insulation)	mm	-	-	-	550	550	600	630
Dimension D (total diameter incl. insulation)	mm	518	518	518	670	670	700	755
Dimension L (total height)	mm	1040	1150	1290	1100	1615	1750	1950
Empty tank weight incl. Insulation	kg	52	57	62	80	108	138	162

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

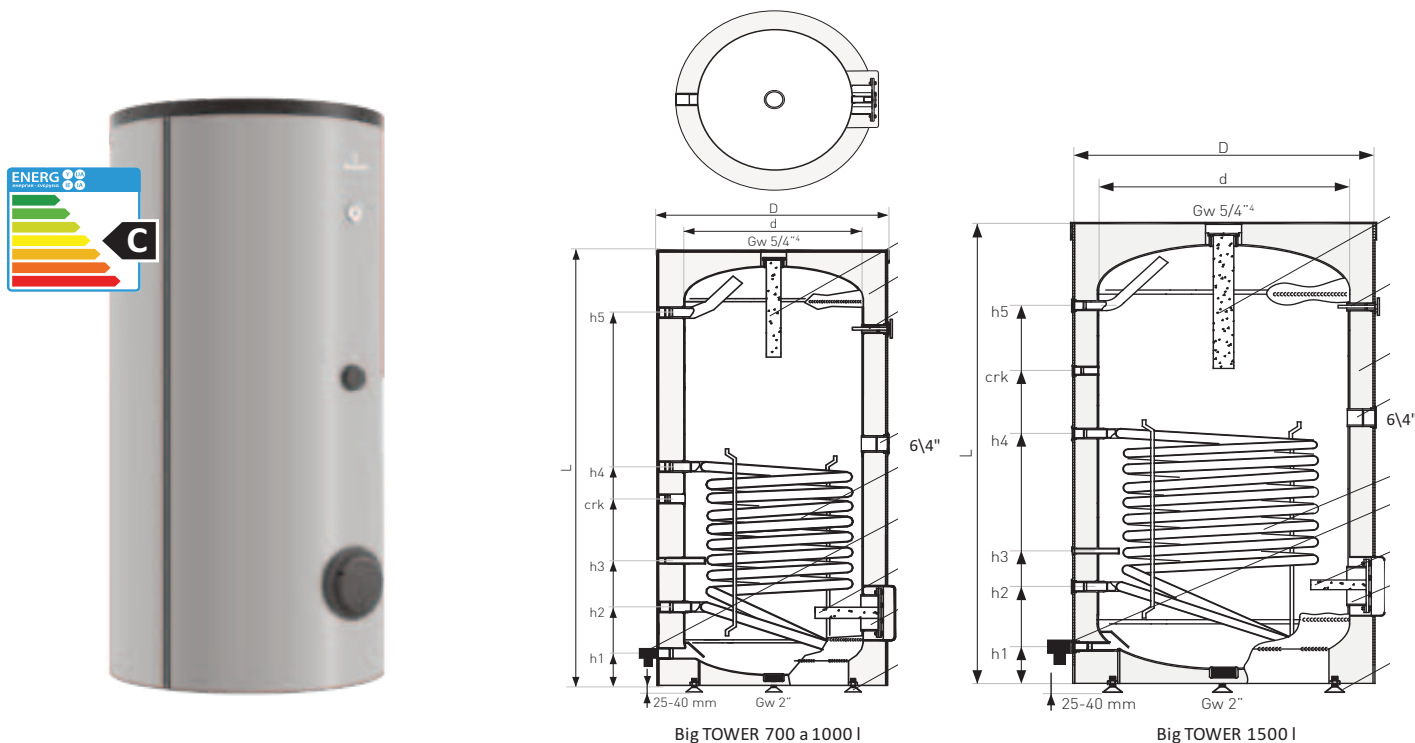






Basic Equipment - Spare Parts	Mini TOWER 100/1	Mini TOWER 120/1	Mini TOWER 140/1	TOWER 200/1	TOWER 300/1	TOWER 400/1	TOWER 500/1
A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions	SKU	40-262300	40-262300	40-262300	40-263800	40-263901	40-263901
inspection hole (M8 screw)	SKU	-	-	-	M-005148	M-005148	M-005148
Optional Equipment	Mini TOWER 100/1	Mini TOWER 120/1	Mini TOWER 140/1	TOWER 200/1	TOWER 300/1	TOWER 400/1	TOWER 500/1
Active titanium anode, including a power supply unit, for unlimited corrosion protection	SKU	M-010527	M-010527	M-010527	M-010527	M-010927	M-010927
inspection hole (M8 screw)	SKU	M-000355	M-000355	M-000355	M-000355	-	-
GE Electric Heater with Built-in Thermostat							
2,0 kW 230 V - 5/4" 310 mm	SKU	41-020002	41-020002	41-020002	-	-	-
3,0 kW 230 V - 5/4" 360 mm	SKU	41-030001	41-030001	41-030001	-	-	-
2,0 kW 230 V - 6/4" 370 mm	SKU	-	-	-	41-020011	41-020011	41-020011
3,0 kW 230 V - 6/4" 305 mm	SKU	-	-	-	41-030011	41-030011	41-030011
4,5 kW 400 V - 6/4" 400 mm	SKU	-	-	-	41-045016	41-045016	41-045016
6,0 kW 400 V - 6/4" 500 mm	SKU	-	-	-	41-060016	41-060016	41-060016
2,0 kW 230 V - Ø180 450 mm	SKU	-	-	-	41-020021	41-020021	41-020021
3,0 kW 230 V - Ø180 500 mm	SKU	-	-	-	41-030021	41-030021	41-030021
4,5 kW 400 V - Ø180 450 mm	SKU	-	-	-	41-045021	41-045021	41-045021
6,0 kW 400 V - Ø180 450 mm	SKU	-	-	-	41-060021	41-060021	41-060021
9,0 kW 400 V - Ø180 500 mm	SKU	-	-	-	41-090021	41-090021	41-090021
12,0 kW 400 V - Ø180 500 mm	SKU	-	-	-	41-120021	41-120021	41-120021
Ionic water treatment plant designed to prevent limescale build-up							
Arago home 3/4"	SKU	HO-3/4"	HO-3/4"	HO-3/4"	-	-	-
Arago home 1"	SKU	-	-	-	HO-1"	HO-1"	HO-1"

Big TOWER - Enamelled Single Coil Cylinder, including insulation (700/1 - 1500/1)

Labelling		Big TOWER 700/1	Big TOWER 1000/1 ri	Big TOWER 1500/1 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	694	1005	1433
SKU	incl. non-removable PUR insulation	1EX 26-704000N	-	-
	Incl. removable insulation*	1EX 26-704600N	1EX 36-104600N	1EX 36-154600N
ErP - energy efficiency class		C	C	C
Max. working pressure	(Cylinder/Coil) MPa	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature	(Cylinder/Coil) °C	95 / 110	95 / 110	95 / 110
Coil heating surface	m²	2,4	2,7	2,7
Coil volume	l	16,8	18,9	18,9
Coil performance at	(70/10/45 °C) kW	57,6	64,8	64,8
Coil yield at	(70/10/45 °C) l/h	1380	1580	1580
Coil performance at	(80/10/45 °C) kW	76,8	86,4	86,4
Coil performance at	(80/10/45 °C) l/h	1840	110	2110
Magnesium anode	Top bottom (5/4" thread)	mm 38x600	38x600	38x600
	inspection hole (M8 screw)	mm 38x400	38x400	38x400
Dimension H1 – DHW inlet	mm	6/4" / 215	6/4" / 250	6/4" / 250
Dimension H2 – Coil outlet	mm	1" / 375	1" / 450	1" / 450
Dimension H3 – sensor sump – Ø	mm	3/8" / 575	3/8" / 590	3/8" / 600
CRK Dimension - circulation	mm	5/4" / 925	5/4" / 875	5/4" / 1630
Dimension H4 – Coil inlet	mm	1" / 1045	1" / 1000	1" / 1000
Dimension H5 – DHW output	mm	6/4" / 1715	6/4" / 1570	6/4" / 2250
Dimension D (diameter without insulation)	mm	700	900	900
Dimension D (total diameter incl. insulation)	mm	855/860*	1060*	1100*
Dimension L (total height)	mm	2050/2080*	1990*	2680*
Empty tank weight incl. Insulation	kg	242	347	447

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

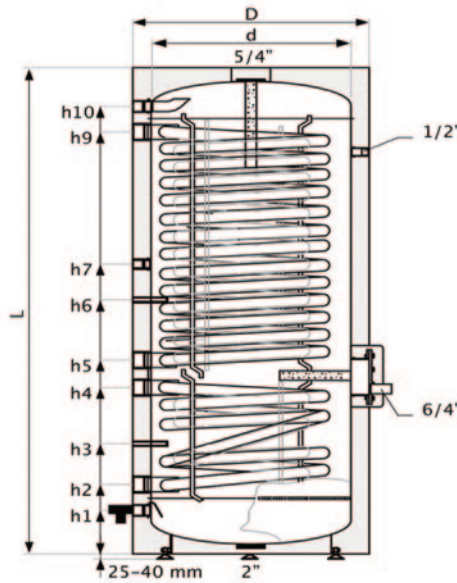


Basic Equipment – Spare Parts		Big TOWER 700/1	Big TOWER 1000/1 ri	Big TOWER 1500/1 ri
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions			
	Top bottom (2" thread)	SKU 40-263900	40-263900	40-263900
	inspection hole (M8 screw)	SKU M-012330	M-012330	M-012330
Optional Equipment		Big TOWER 700/1	Big TOWER 1000/1 ri	Big TOWER 1500/1 ri
	Active titanium anode, including a power supply unit, for unlimited corrosion protection			
	double M8 (upper bottom + rev. hole)	SKU M-004420	M-004420	M-004420
	GE Electric Heater with Built-in Thermostat			
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016
	9,0 kW 400 V - 6/4" 680 mm	SKU 41-090016	41-090016	41-090016
	12,0 kW 400 V - 6/4" 750 mm	SKU -	41-120016	41-120016
	9,0 kW 400 V - Ø280 500 mm	SKU 41-090020	41-090020	41-090020
	12,0 kW 400 V - Ø280 500 mm	SKU 41-120020	41-120020	41-120020
18,0 kW 400 V - Ø280 650 mm	SKU 41-180020	41-180020	41-180020	
24,0 kW 400 V - Ø280 650 mm	SKU 41-240020	41-240020	41-240020	
	Ionic water treatment plant designed to prevent limescale build-up			
	Arago home 1" F	SKU HO-1"	HO-1"	HO-1"
	Arago industry 6/4" F	SKU IN-40-IT	IN-40-IT	IN-40-IT

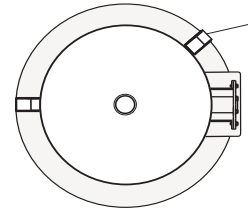
MAXI Plus - Enamelled Twin Coil Cylinder with Large Heat Transfer Surface, incl. insulation (300/2 - 500/2)

Labelling		MAXI Plus 300/2	MAXI Plus 400/2	MAXI Plus 500/2
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	293	373	465
SKU	incl. non-removable PUR insulation	1EX 26-309500N	1EX 26-409100N	1EX 26-509100N
ErP - energy efficiency class		B	C	B
Max. working pressure	(Cylinder/Coil) MPa	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature	(Cylinder/Coil) °C	95 / 110	95 / 110	95 / 110
Coil heating surface	(bottom/top) m²	0,9 / 2,2	1,5 / 3,8	1,8 / 4,8
Coil capacity	(bottom/top) l	8,0 / 15,4	10,5 / 26,5	12,6 / 33,5
Coil performance at	(80/10/45 °C) kW	26	34	38
Coil output for heat pump at	(50/10/45 °C) kW	22,5	28,5	35
Required heating water flow	m ³ /h	1,6 / 1,6	1,9 / 1,9	1,9 / 1,9
Magnesium anode	Top bottom (5/4" thread) mm	38x600	38x600	38x600
	inspection hole (M8 screw) mm	38x200	38x200	38x400
Dimension H1 – DHW inlet	mm	1" / 130	1" / 160	1" / 180
Dimension H2 – Coil outlet	(bottom) mm	5/4" / 240	5/4" / 245	5/4" / 265
Dimension H3 – Sensor sump I – Ø	mm	3/8" / 445	3/8" / 425	3/8" / 410
Dimension H4 – Coil inlet	(bottom) mm	5/4" / 560	5/4" / 565	5/4" / 645
Dimension H5 – Coil outlet	(top) mm	5/4" / 650	5/4" / 675	5/4" / 755
Dimension H6 – Sensor sump II – Ø	mm	3/8" / 1020	3/8" / 835	3/8" / 960
Dimension H7 – circulation	mm	3/4" / 1130	3/4" / 955	3/4" / 1265
Dimension H9 – Coil inlet	(top) mm	5/4" / 1340	5/4" / 1405	5/4" / 1645
Dimension H10 – DHW outlet	mm	1" / 1445	1" / 1560	1" / 1730
Dimension D (diameter without insulation)	mm	550	600	630
Dimension D (total diameter including PUR insulation)	mm	670	700	755
Dimension L (total height)	mm	1615	1750	1950
Empty tank weight incl. Insulation	kg	144	217	255

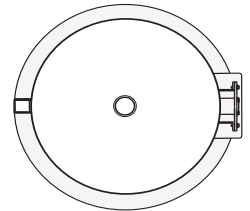
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



MAXI Plus 300 - 400 l
6/4" input for electric heating element
entrance next to flange



MAXI Plus 500 l
6/4" input for electric heating element
Flange component input

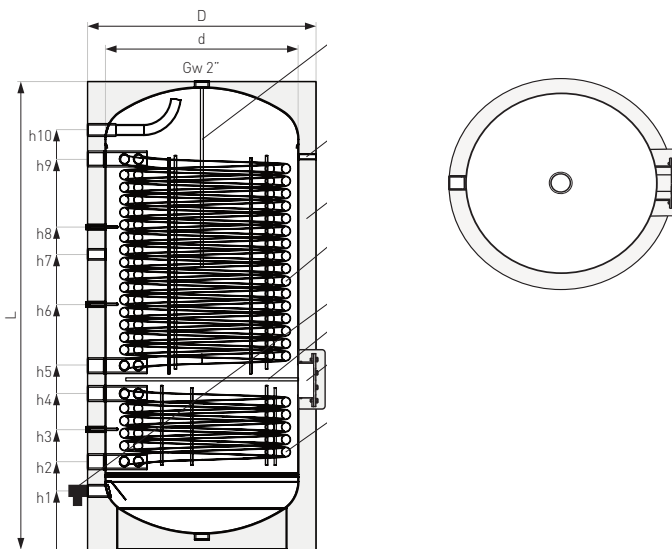




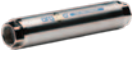
Basic Equipment – Spare Parts		MAXI Plus 300/2	MAXI Plus 400/2	MAXI Plus 500/2
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions			
	Top bottom (thread 5/4")	SKU 40-263901	SKU 40-263901	SKU 40-263901
	inspection hole (screw M8)	SKU M-005148	SKU M-001803	SKU M-001803
Optional Equipment		MAXI Plus 300/2	MAXI Plus 400/2	MAXI Plus 500/2
	Active titanium anode, including a power supply unit, for unlimited corrosion protection			
	inspection hole (thread 5/4")	SKU M-010927	SKU M-010927	SKU M-010927
	GE Electric Heater with Built-in Thermostat			
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	SKU 41-020011	SKU 41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	SKU 41-030011	SKU 41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	SKU 41-045016	SKU 41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	SKU 41-060016	SKU 41-060016
	2,0 kW 230 V - Ø180 450 mm	SKU 41-020021	SKU 41-020021	SKU 41-020021
	3,0 kW 230 V - Ø180 500 mm	SKU 41-030021	SKU 41-030021	SKU 41-030021
	4,5 kW 400 V - Ø180 450 mm	SKU 41-045021	SKU 41-045021	SKU 41-045021
	6,0 kW 400 V - Ø180 450 mm	SKU 41-060021	SKU 41-060021	SKU 41-060021
9,0 kW 400 V - Ø180 500 mm	SKU 41-090021	SKU 41-090021	SKU 41-090021	
12,0 kW 400 V - Ø180 500 mm	SKU 41-120021	SKU 41-120021	SKU 41-120021	
	Ionic water treatment plant designed to prevent limescale build-up			
	Arago home 1" F	SKU HO-1"	SKU HO-1"	SKU HO-1"

MAXI Plus - Enamelled Twin Coil Cylinder with Large Heat Transfer Surface, incl. insulation (800/2 - 1000/2)

Labelling		MAXI Plus 800/2 ri	MAXI Plus 1000/2 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	880	985
SKU	Incl. removable insulation	1EX 26-809108N	1EX 36-109108N
ErP - energy efficiency class		C	C
Max. working pressure	(Cylinder/Coil) MPa	1,0 / 1,6	1,0 / 1,6
Max. working temperature	(Cylinder/Coil) °C	95 / 110	95 / 110
Coil heating surface	(bottom/top) m²	2,0 / 7,5	3,0 / 9,0
Coil capacity	(bottom/top) l	17,0 / 64,0	26,0 / 76,0
Coil performance at	(80/10/45 °C) kW	64	71,5
Coil output for heat pump at	(50/10/45 °C) kW	52	62
Required heating water flow	m ³ /h	3,0 / 3,0	3,0 / 3,0
Titanium anode	inspection hole (M8 screw) mm	38x600	38x600
Dimension H1 – DHW inlet	mm	6/4" / 255	6/4" / 255
Dimension H2 – Coil outlet	(bottom) mm	2" / 385	2" / 385
Dimension H3 – Sensor sump I – ∅	mm	1/2" / 510	1/2" / 525
Dimension H4 – Coil inlet	(bottom) mm	2" / 630	2" / 685
Dimension H5 – Coil outlet	(top) mm	2" / 755	2" / 805
Dimension H6 – Sensor sump II – ∅	mm	1/2" / 955	1/2" / 1075
Dimension H7 – circulation	mm	5/4" / 1125	5/4" / 1295
Dimension H8 – sensor well III – ∅	mm	1/2" / 1295	1/2" / 1415
Dimension H9 – Coil inlet	(top) mm	2" / 1495	2" / 1845
Dimension H10 – DHW outlet	mm	6/4" / 1625	6/4" / 2060
Dimension D (diameter without removable insulation)	mm	900	900
Dimension D (total diameter including removable insulation)	mm	1060	1060
Dimension L (total height)	mm	1935	2135
Tilt height	mm	2080	2340
Empty tank weight incl. Insulation	kg	455	520

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

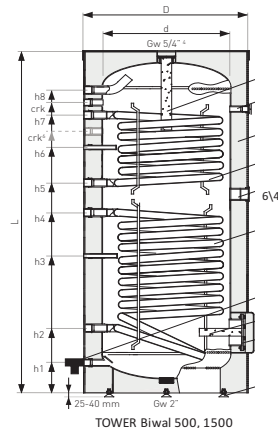
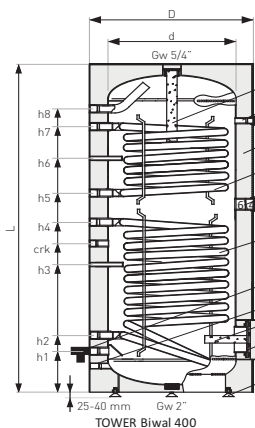
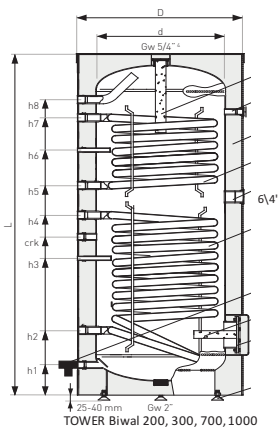


Basic Equipment		MAXI Plus 800/2 ri	MAXI Plus 1000/2 ri
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection double M8 (top bottom + rev. hole) SKU	M-007342	M-007342
Optional Equipment		MAXI Plus 800/2 ri	MAXI Plus 1000/2 ri
	GE Electric Heater with Built-in Thermostat		
	6,0 kW 400 V - 6/4" 500 mm SKU	41-060016	41-060016
	9,0 kW 400 V - 6/4" 680 mm SKU	41-090016	41-090016
	12,0 kW 400 V - 6/4" 750 mm SKU	41-120016	41-120016
	6,0 kW 400 V - ∅180 450 mm SKU	41-060021	41-060021
	9,0 kW 400 V - ∅180 500 mm SKU	41-090021	41-090021
	12,0 kW 400 V - ∅180 500 mm SKU	41-120021	41-120021
	Ionic water treatment plant designed to prevent limescale build-up		
	Arago home 1" F SKU	HO-1"	HO-1"
	Arago industry 6/4" F SKU	IN-40-IT	IN-40-IT

TOWER Biwal - Enamelled Twin Coil Cylinder, incl. insulation (200/2 - 1500/2)

Labelling	TOWER Biwal 200/2	TOWER Biwal 300/2	TOWER Biwal 400/2	TOWER Biwal 500/2	TOWER Biwal 700/2 ri	TOWER Biwal 1000/2 ri	TOWER Biwal 1500/2 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	197	299	395	496	683	992	1420
SKU	incl. non-removable PUR insulation 1EX 26-209000	1EX 26-309000N	1EX 26-409000N	1EX 26-509000N	1EX 26-709000N	1EX 36-109600N	1EX 36-159600N
SKU	incl. removable insulation*	-	-	-	1EX 26-709600N	-	-
ErP - energy efficiency class	B	B	C	B	C	C	C
Max. working pressure (Cylinder/Coil)	MPa 1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6	1,0 / 1,6
Max. working temperature (Cylinder/Coil)	°C 95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface (bottom I / top II)	m² 1,0 / 0,7	1,4 / 1,1	1,8 / 1,1	2,0 / 1,1	2,4 / 1,2	2,7 / 1,5	2,7 / 1,5
Coil capacity (bottom I / top II)	l 7,0 / 4,9	9,8 / 7,7	12,6 / 7,7	14,0 / 7,7	16,8 / 8,4	18,9 / 10,5	18,9 / 10,5
Coil performance I / II at (70/10/45°C)	kW 24 / 17	33,6 / 26,4	43 / 26,4	48 / 26,4	57,6 / 28,8	64,8 / 36	64,8 / 36
Coil yield I / II at (70/10/45°C)	l/h 570 / 410	800 / 630	1030 / 630	1050 / 630	1380 / 690	1580 / 880	1580 / 880
Coil performance I / II at (80/10/45°C)	kW 32 / 22	44,8 / 35,2	57,6 / 35,2	64 / 35,2	76,8 / 38,4	86,4 / 48	86,4 / 48
Coil yield I / II at (80/10/45°C)	l/h 760 / 540	1070 / 840	1380 / 840	1530 / 840	1840 / 920	2110 / 1150	2110 / 1150
Magnesium anode	Top bottom (5/4" thread)	38x400	38x400	38x600	38x600	38x600	38x600
	Top bottom (2" thread)	-	-	-	-	-	-
	inspection hole (M8 screw)	38x200	38x200	38x200	38x200	38x400	38x400
Dimension H1 – DHW inlet	mm 1" / 130	1" / 130	1" / 240	1" / 180	6/4" / 215	6/4" / 250	6/4" / 250
Dimension H2 – output Coil I (bottom)	mm 1" / 210	1" / 280	1" / 320	1" / 320	1" / 375	1" / 450	1" / 450
Dimension H3 – Sensor sump I – Ø	mm 3/8" / 355	3/8" / 435	3/8" / 570	3/8" / 530	3/8" / 525	3/8" / 600	3/8" / 600
CRK – circulation	mm 3/4" / 450	3/4" / 650	3/4" / 770	3/4" / 1320	5/4" / 925	5/4" / 880	5/4" / 1630
Dimension H4 – inlet Coil I (bottom)	mm 1" / 550	1" / 750	1" / 870	1" / 970	1" / 1045	1" / 1000	1" / 1000
Dimension H5 – outlet Coil II (upper)	mm 1" / 635	1" / 860	1" / 980	1" / 1090	1" / 1175	1" / 1100	1" / 1100
Dimension H6 – Sensor sump II – Ø	mm 3/8" / 765	3/8" / 1030	3/8" / 1150	3/8" / 1200	3/8" / 1365	3/8" / 1270	3/8" / 1270
Dimension H7 – inlet Coil II (upper)	mm 1" / 895	1" / 1200	1" / 1330	1" / 1440	1" / 1555	1" / 1440	1" / 1440
Dimension H8 – DHW output	mm 1" / 975	1" / 1355	1" / 1470	1" / 1650	6/4" / 1715	6/4" / 1570	6/4" / 2250
Dimension D (diameter without insulation)	mm 550	550	600	630	700	900	900
Dimension D (total diameter including PUR insulation)	mm 670	670	700	755	855 / 860*	1060*	1100*
Dimension L (total height)	mm 1140	1615	1750	1950	2050 / 2080*	1990*	2680*
Empty tank weight incl. insulation	kg 88	122	157	178	267	374	492

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

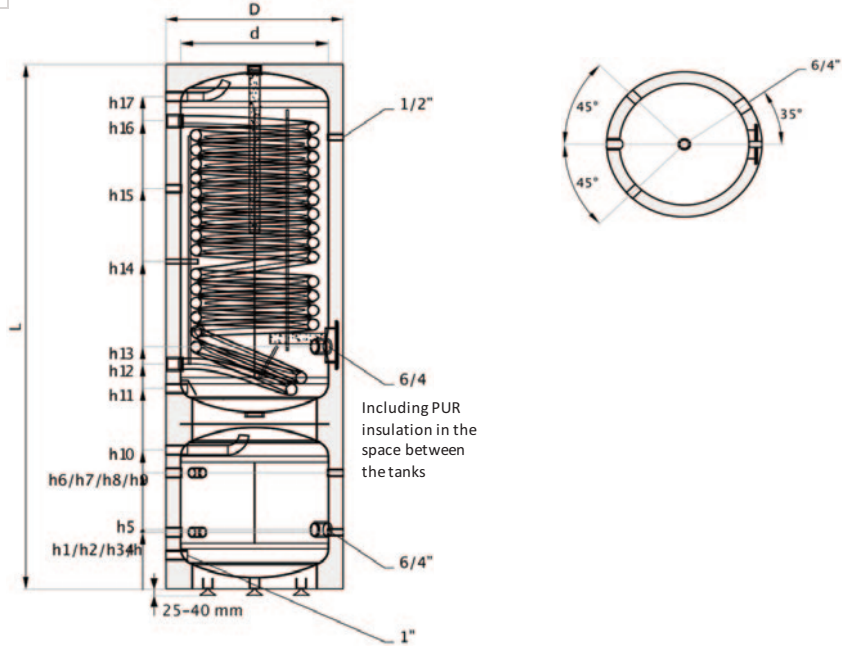







Basic Equipment – Spare Parts	TOWER Biwal 200/2	TOWER Biwal 300/2	TOWER Biwal 400/2	TOWER Biwal 500/2	TOWER Biwal 700/2 ri	TOWER Biwal 1000/2 ri	TOWER Biwal 1500/2 ri
A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions							
Top bottom (5/4" thread)	SKU 40-263800	40-263800	40-263901	40-263901	-	-	-
Top bottom (2" thread)	SKU -	-	-	-	40-263900	40-263900	40-263900
inspection hole (M8 screw)	SKU M-005148	M-005148	M-005148	M-005148	M-012330	M-012330	M-012330
Optional Equipment	TOWER Biwal 200/2	TOWER Biwal 300/2	TOWER Biwal 400/2	TOWER Biwal 500/2	TOWER Biwal 700/2 ri	TOWER Biwal 1000/2 ri	TOWER Biwal 1500/2 ri
Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection							
Top bottom (5/4" thread)	SKU M-010527	M-010527	M-010927	M-010927	-	-	-
inspection hole (M8 screw)	SKU M-000355	M-000355	-	-	-	-	-
double M8 (upper bottom + rev. h)	SKU -	-	-	-	M-004420	M-004420	M-007342
GE Electric Heater with Built-in Thermostat							
2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	-	-	-
3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	-	-	-
4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016	41-045016	41-045016
6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016	41-060016	41-060016	41-060016	41-060016
9,0 kW 400 V - 6/4" 680 mm	SKU -	-	-	-	41-090016	41-090016	41-090016
12,0 kW 400 V - 6/4" 750 mm	SKU 41-120021	41-120021	41-120021	41-120021	-	41-120016	41-120016
2,0 kW 230 V - Ø180 450 mm	SKU 41-020021	41-020021	41-020021	41-020021	-	-	-
3,0 kW 230 V - Ø180 500 mm	SKU 41-030021	41-030021	41-030021	41-030021	-	-	-
4,5 kW 400 V - Ø180 450 mm	SKU 41-045021	41-045021	41-045021	41-045021	-	-	-
6,0 kW 400 V - Ø180 500 mm	SKU 41-060021	41-060021	41-060021	41-060021	-	-	-
9,0 kW 400 V - Ø180 500 mm	SKU 41-090021	41-090021	41-090021	41-090021	-	-	-
12,0 kW 400 V - Ø180 500 mm	SKU 41-120021	41-120021	41-120021	41-120021	-	-	-
9,0 kW 400 V - Ø280 500 mm	SKU -	-	-	-	41-090020	41-090020	41-090020
12,0 kW 400 V - Ø280 500 mm	SKU -	-	-	-	41-120020	41-120020	41-120020
18,0 kW 400 V - Ø280 650 mm	SKU -	-	-	-	41-180020	41-180020	41-180020
24,0 kW 400 V - Ø280 650 mm	SKU -	-	-	-	41-240020	41-240020	41-240020
Ionic water treatment plant designed to prevent limescale build-up							
Arago home 1" F	SKU HO-1"	HO-1"	HO-1"	HO-1"	HO-1"	HO-1"	HO-1"
Arago industry 6/4" F	SKU -	-	-	-	-	IN-40-IT	IN-40-IT

COMPLETE - Combined Enamelled Cylinder 250 l with single coil 2,9 l + accumulation tank 110 l, incl. Insulation

Labelling		COMPLETE 250/110/1	
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)		l	243 / 109
SKU	incl. non-removable PUR insulation		1EX 71-251000
ErP - energy efficiency class			B
Enamelled tank with Coil - technical data			
Max. working pressure	(Cylinder/Coil)	MPa	1,0 / 1,6
Max. working temperature	(Cylinder/Coil)	°C	95 / 110
Coil heating surface		m²	2,9
Coil capacity		l	24
Coil output for heat pump at	(50/10/45 °C)	kW	21
Required heating water flow		m ³ /h	3
Magnesium anode	Top bottom (5/4" thread)	mm	38x400
	inspection hole (M8 screw)	mm	38x200
Buffer tank - technical data			
Max. working pressure		MPa	0,3
Max. working temperature		°C	95
Dimension H1, H2, H3 – heating water		mm	1" / 210
Dimension H4 – sensor sump – Ø		mm	1/2" / 210
Dimension H5 – input for the installation of el. heating element		mm	6/4" / 220
Dimension H6, H7, H8 – heating water		mm	1" / 430
Dimension H9 – Sensor / thermometer sump – Ø		mm	1/2" / 430
Dimension H10 – heating water / venting		mm	1" / 515
Dimension H11 – DHW inlet		mm	1" / 745
Dimension H12 – Coil outlet		mm	5/4" / 835
Dimension H13 – input for the installation of el. heating element		mm	6/4" / 905
Dimension H14 – sensor sump – Ø		mm	3/8" / 1215
Dimension H15 – circulation		mm	3/4" / 1485
Dimension H16 – Coil inlet		mm	5/4" / 1735
Dimension H17 – DHW outlet		mm	1" / 1825
Dimension D (diameter without insulation)		mm	550
Dimension D (total diameter including PUR insulation)		mm	670
Dimension L (total height)		mm	1990
Empty tank weight incl. Insulation		kg	175

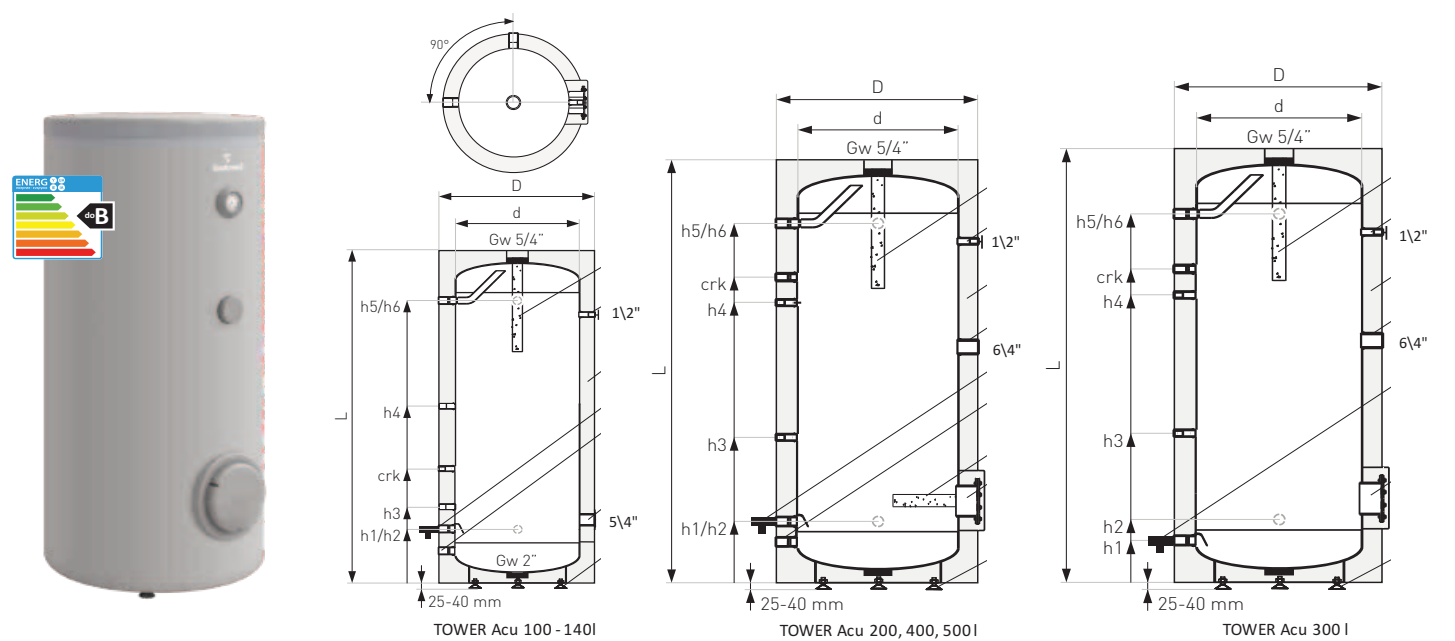
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



Basic Equipment – Spare Parts		COMPLETE 250/110/1	
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions		
	Top bottom (5/4" thread)	SKU	40-263800
	inspection hole (M8 screw)	SKU	M-005148
Optional Equipment		COMPLETE 250/110/1	
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection		
	Top bottom (5/4" thread)	SKU	M-010527
	inspection hole (M8 screw)	SKU	M-000355
	GE Electric Heater with Built-in Thermostat		
	2,0 kW 230 V - 6/4" 370 mm	SKU	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU	41-060016
	2,0 kW 230 V - Ø180 450 mm	SKU	41-020021
	3,0 kW 230 V - Ø180 500 mm	SKU	41-030021
	4,5 kW 400 V - Ø180 450 mm	SKU	41-045021
	6,0 kW 400 V - Ø180 450 mm	SKU	41-060021
	Ionic water treatment plant designed to prevent limescale build-up		
	Arago home 1" F	SKU	HO-1"

TOWER Acu - Enamelled Cylinder without Coil Exchanger, incl. insulation (100 - 500)

Labelling		TOWER Acu 100	TOWER Acu 120	TOWER Acu 140	TOWER Acu 200	TOWER Acu 300	TOWER Acu 400	TOWER Acu 500
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 81)	l	106	120	136	210	322	420	523
SKU	incl. non-removable PUR insulation	1EX 22-108000	1EX 22-128000	1EX 22-148000	1EX 22-208000	1EX 22-308000N	1EX 22-408000N	1EX 22-504000N
ErP - energy efficiency class		B	B	B	B	B	C	B
Max. working pressure	Cylinder	MPa	0,6	0,6	0,6	1,0	1,0	1,0
Max. working temperature	Cylinder	°C	95	95	95	95	95	95
Magnesium anode	Top bottom (5/4" thread)	mm	25x310	25x310	25x310	38x400	38x400	38x400
	inspection hole (M8 screw)	mm	-	-	-	-	38x200	38x200
Dimension H1 – DHW inlet		mm	3/4" / 165	3/4" / 165	3/4" / 165	1" / 210	1" / 130	1" / 240
Dimension H2 – input for additional source		mm	3/4" / 165	3/4" / 165	3/4" / 165	1" / 210	1" / 220	1" / 240
Dimension H3 – Sensor sump I – Ø		mm	1/2" / 300	1/2" / 300	1/2" / 300	1/2" / 440	1/2" / 445	1/2" / 570
CRK dimension - circulation		mm	3/4" / 450	3/4" / 450	3/4" / 450	3/4" 680	3/4" 925	3/4" 1200
Dimension H4 – Sensor sump II – Ø		mm	1/2" / 570	1/2" / 570	1/2" / 570	-	1/2" / 825	1/2" / 1100
Dimension H5 – DHW output		mm	3/4" / 790	3/4" / 920	3/4" / 1070	1" / 865	1" / 1355	1" / 1480
Dimension H6 – input for additional source		mm	3/4" / 790	3/4" / 920	3/4" / 1070	1" / 865	1" / 1355	1" / 1650
Dimension D (inner diameter)		mm	400	400	400	550	550	600
Dimension D (outer diameter incl. non-removable PUR inst)		mm	518	518	518	670	670	700
Dimension L (total height)		mm	1040	1150	1290	1100	1615	1750
Empty tank weight incl. Insulation		kg	39	42	47	60	88	104
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."								

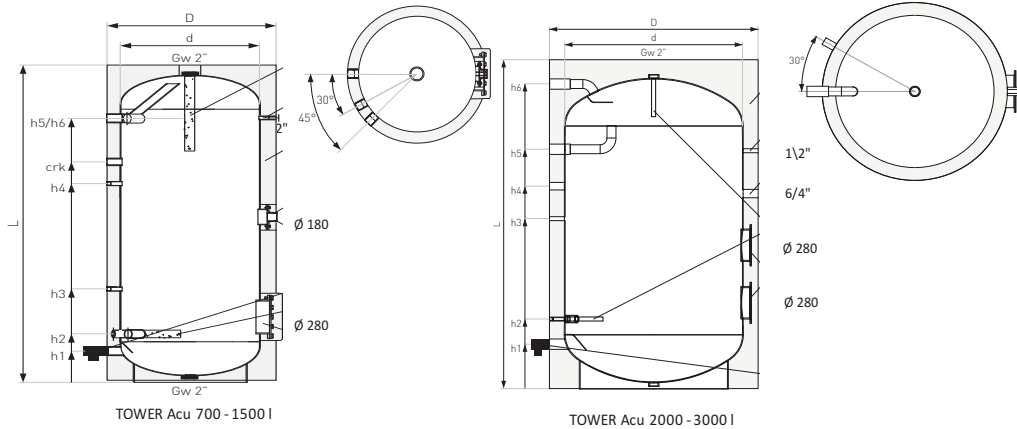


Basic Equipment – Spare Parts		TOWER Acu 100	TOWER Acu 120	TOWER Acu 140	TOWER Acu 200	TOWER Acu 300	TOWER Acu 400	TOWER Acu 500	
A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions									
	Top bottom (5/4" thread)	SKU	40-262200	40-262200	40-262200	40-263800	40-263800	40-263800	
	inspection hole (M8 screw)	SKU	-	-	-	-	M-005148	M-005148	
Optional Equipment		SKU	TOWER Acu 100	TOWER Acu 120	TOWER Acu 140	TOWER Acu 200	TOWER Acu 300	TOWER Acu 400	TOWER Acu 500
Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection									
	Top bottom (5/4" thread)	SKU	M-010527	M-010527	M-010527	M-010527	M-010527	M-010927	
	inspection hole (M8 screw)	SKU	M-000355	M-000355	M-000355	M-000355	M-000355	-	
GE Electric Heater with Built-in Thermostat									
	2,0 kW 230 V - 5/4" 370 mm	SKU	41-020001	41-020001	41-020001	-	-	-	
	3,0 kW 230 V - 5/4" 360 mm	SKU	41-030001	41-030001	41-030001	-	-	-	
	2,0 kW 230 V - 6/4" 370 mm	SKU	-	-	-	41-020011	41-020011	41-020011	
	3,0 kW 230 V - 6/4" 305 mm	SKU	-	-	-	41-030011	41-030011	41-030011	
	4,5 kW 400 V - 6/4" 400 mm	SKU	-	-	-	41-045016	41-045016	41-045016	
	6,0 kW 400 V - 6/4" 500 mm	SKU	-	-	-	41-060016	41-060016	41-060016	
	2,0 kW 230 V - Ø180 450 mm	SKU	-	-	-	41-020021	41-020021	41-020021	
	3,0 kW 230 V - Ø180 500 mm	SKU	-	-	-	41-030021	41-030021	41-030021	
	4,5 kW 400 V - Ø180 450 mm	SKU	-	-	-	41-045021	41-045021	41-045021	
	6,0 kW 400 V - Ø180 450 mm	SKU	-	-	-	41-060021	41-060021	41-060021	
	9,0 kW 400 V - Ø180 500 mm	SKU	-	-	-	41-090021	41-090021	41-090021	
	12,0 kW 400 V - Ø180 500 mm	SKU	-	-	-	41-120021	41-120021	41-120021	
Ionic water treatment plant designed to prevent limescale build-up									
	Arago home 3/4"	SKU	HO-3/4"	HO-3/4"	HO-3/4"	-	-	-	
	Arago home 1"	SKU	-	-	-	HO-1"	HO-1"	HO-1"	

TOWER Acu - Enamelled Cylinder without Coil Exchanger, incl. insulation (700 - 3000)

Labelling		TOWER Acu 700	TOWER Acu 1000 ri	TOWER Acu 1500 ri	TOWER Acu 2000 ri	TOWER Acu 3000 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	705	1019	1442	2040	3019
SKU	incl. non-removable PUR insulation	1EX 22-704000	-	-	-	-
	Incl. removable insulation*	1EX 22-704600	1EX 34-104600	1EX 34-154600	1EX 34-204608	1EX 34-304608
ErP - energy efficiency class		C	C	C	C	-
Max. working pressure	Cylinder	MPa	1,0	1,0	0,6	0,6
Max. working temperature	Cylinder	°C	95	95	95	95
Anoda magnesiová	Top bottom (2" thread)	mm	38x600	38x600	38x600	-
	bottom side (5/4" thread)	mm	38x400	38x400	38x400	-
Titanium anode	M8 screw	mm	-	-	-	Double
Dimension H1 -	DHW inlet	mm	6/4" / 225	6/4" / 270	6/4" / 270	2" / 305
Dimension H2 -	input for additional power supply	mm	6/4" 315	6/4" 380	6/4" 380	-
	Sensor well I - Ø / anode	mm	-	-	-	1/2" 475
Dimension H3 -	Sensor well I - Ø	mm	1/2" / 605	1/2" / 600	1/2" / 600	-
	Sensor well II - Ø	mm	-	-	-	1/2" / 1155
Dimension H4 -	Sensor well II - Ø	mm	1/2" / 1285	1/2" / 1200	1/2" / 1630	-
	circulation	mm	-	-	-	5/4" / 1355
CRK dimension - circulation		mm	5/4" / 1425	5/4" / 1290	5/4" / 1950	-
Dimension H5 -	DHW output	mm	6/4" / 1705	6/4" / 1570	6/4" / 2250	-
	input for additional power supply	mm	-	-	-	2" / 1625
Dimension H6 -	input for additional power supply	mm	6/4" / 1705	6/4" / 1570	6/4" / 2250	-
	DHW output	mm	-	-	-	2" / 2065
Dimension D (inner diameter)		mm	700	900	900	1200
Dimension D (outer diameter incl. insulation)		mm	855 / 860*	1060*	1100*	1400
Dimension L (total height)		mm	2050 / 2080*	1990*	2680*	2220
Tilt height		mm	2220	2230*	2860*	2550
Empty tank weight incl. Insulation		kg	195	265	405	430

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

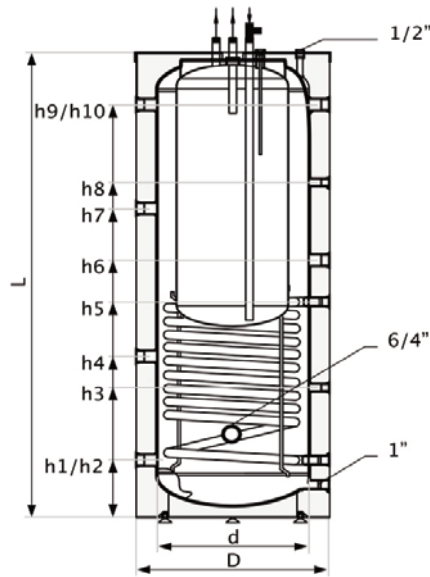
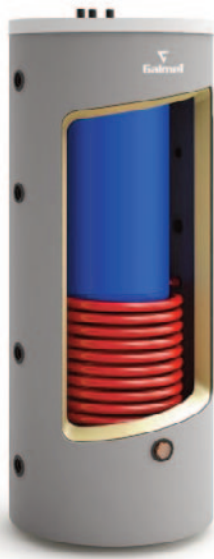






Basic Equipment - Spare Parts		TOWER Acu 700	TOWER Acu 1000	TOWER Acu 1500	TOWER Acu 2000	TOWER Acu 3000
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions					
	Top bottom (2" thread)	SKU 40-263900	40-263900	40-263900	-	-
	bottom side (5/4" thread)	SKU 40-263800	40-263800	40-263800	-	-
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection					
	double M8 (top bottom + rev. hole)	SKU -	-	-	M-007342	M-007342
Optional Equipment		TOWER Acu 700	TOWER Acu 1000	TOWER Acu 1500	TOWER Acu 2000	TOWER Acu 3000
	Titanium anode incl. power supply unit for unlimited corrosion protection					
	double M8 (top bottom + rev. hole)	SKU M-004420	M-004420	M-004420	-	-
	GE Electric Heater with Built-in Thermostat					
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	-	-
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016	-	-
	9,0 kW 400 V - 6/4" 680 mm	SKU 41-090016	41-090016	41-090016	41-090016	41-090016
	12,0 kW 400 V - 6/4" 750 mm	SKU 41-120016	41-120016	41-120016	41-120016	41-120016
	4,5 kW 400 V - Ø180 450 mm	SKU 41-045021	41-045021	41-045021	-	-
	6,0 kW 400 V - Ø180 450 mm	SKU 41-060021	41-060021	41-060021	-	-
	9,0 kW 400 V - Ø180 500 mm	SKU 41-090021	41-090021	41-090021	-	-
	12,0 kW 400 V - Ø180 500 mm	SKU 41-120021	41-120021	41-120021	-	-
	9,0 kW 400 V - Ø280 500 mm	SKU 41-090020	41-090020	41-090020	41-090020	41-090020
12,0 kW 400 V - Ø280 500 mm	SKU 41-120020	41-120020	41-120020	41-120020	41-120020	
18,0 kW 400 V - Ø280 650 mm	SKU 41-180020	41-180020	41-180020	41-180020	41-180020	
24,0 kW 400 V - Ø280 650 mm	SKU 41-240020	41-240020	41-240020	41-240020	41-240020	
	Copper heat exchangers					
	1,0 m2 Ø280 L 350 mm Incl. Gasket	SKU -	-	-	40-501210	40-501210
	1,8 m2 Ø280 L 440 mm Incl. Gasket	SKU -	-	-	40-501218	40-501218
	2,3 m2 Ø280 L 540 mm Incl. Gasket	SKU -	-	-	40-501223	40-501223
	3,6 m2 Ø280 L 650 mm Incl. Gasket	SKU -	-	-	40-501236	40-501236
	4,5 m2 Ø280 L 790 mm Incl. Gasket	SKU -	-	-	40-501245	40-501245
	6,3 m2 Ø280 L 980 mm Incl. Gasket	SKU -	-	-	40-501263	40-501263
	Ionic water treatment plant designed to prevent limescale build-up					
	Arago home 1" F	SKU HO-1"	HO-1"	HO-1"	HO-1"	HO-1"
	Arago industry 6/4" F	SKU IN-40-IT	IN-40-IT	IN-40-IT	IN-40-IT	IN-40-IT

KUMULO 1 - Tank-in-tank system: Enamelled cylinder housed within a single coil buffer tank (300/1 to 1000/1)

Labelling		KUMULO 300/80/1	KUMULO 380/120/1	KUMULO 500/160/1	KUMULO 600/200/1	KUMULO 800/200/1 ri	KUMULO 1000/200/1 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	220/80	260/120	340/160	400/200	600/200	800/200
SKU	incl. non-removable PUR insulation	1EX 71-302000	1EX 71-404000	1EX 71-506000	1EX 71-608000	-	-
	Incl. removable insulation	-	-	-	-	1EX 71-808600	1EX 71-108600
ErP - energy efficiency class		B	B	C	C	C	C
Max. working pressure	(buffer tank / enamelled cylinder)	MPa 0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6
Max. working temperature	(Cylinder/Coil)	°C 95 / 110	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface	m²	1,6	2,1	2,1	2,1	2,4	2,4
Coil volume	l	11,2	14,7	14,7	14,7	16,8	16,8
Magnesium anode	Top bottom (5/4" thread)	mm 38x400	38x400	38x400	38x400	38x400	38x400
Dimension H1 – heating water	mm	5/4" / 220	5/4" / 220	5/4" / 305	5/4" / 305	5/4" / 375	5/4" / 375
Dimension H2 – Coil outlet	mm	1" / 220	1" / 220	1" / 305	1" / 305	1" / 365	1" / 365
Dimension H3 – sensor sump – Ø	mm	1/2" / 520	1/2" / 600	1/2" / 520	1/2" / 520	1/2" / 665	1/2" / 665
Dimension H4 – heating water	mm	5/4" / 520	5/4" / 620	5/4" / 665	5/4" / 715	5/4" / 695	5/4" / 775
Dimension H5 – Coil inlet	mm	1" / 620	1" / 830	1" / 735	1" / 735	1" / 770	1" / 770
Dimension H6 – Heating water	mm	5/4" / 800	5/4" / 1040	5/4" / 915	5/4" / 1015	5/4" / 885	5/4" / 1065
Dimension H7 – heating water	mm	5/4" / 935	5/4" / 1190	5/4" / 965	5/4" / 1115	5/4" / 945	5/4" / 1065
Dimension H8 – sensor sump – Ø	mm	3/4" / 960	3/4" / 1315	3/4" / 1115	3/4" / 1290	3/4" / 1075	3/4" / 1265
Dimension H9 – heating water	mm	5/4" / 1235	5/4" / 1590	5/4" / 1315	5/4" / 1515	5/4" / 1262	5/4" / 1465
Dimension H10 – heating water	mm	5/4" / 1240	5/4" / 1590	5/4" / 1315	5/4" / 1515	5/4" / 1265	5/4" / 1465
Dimension D (diameter without insulation)	mm	550	550	700	700	900	900
Dimension D (total diameter including PUR insulation)	mm	700	700	855	855	1055	1055
Dimension L (total height)	mm	1470	1840	1670	1840	1650	1850
Tilt height	mm	-	-	-	-	1960	2130
Empty tank weight incl. Insulation	kg	131	165	192	212	270	270

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

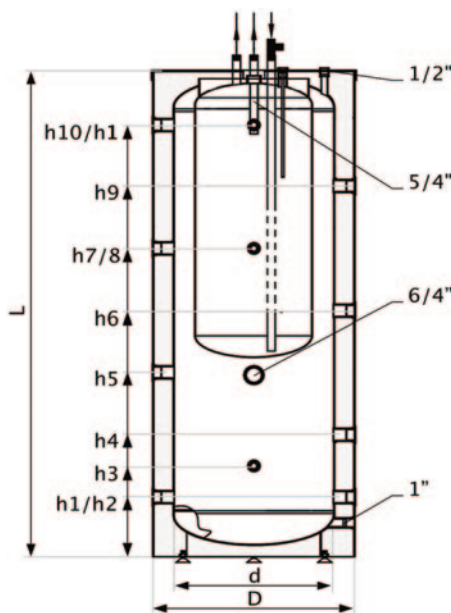
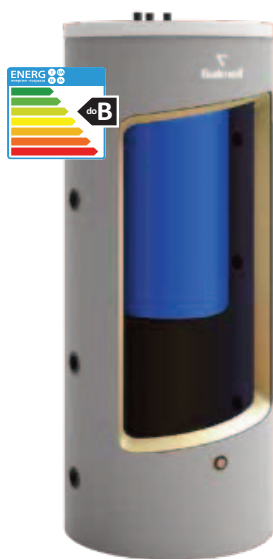






Basic Equipment – Spare Parts		KUMULO 300/80/1	KUMULO 380/120/1	KUMULO 500/160/1	KUMULO 600/200/1	KUMULO 800/200/1 ri	KUMULO 1000/200/1 ri
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions						
	Top bottom (5/4" thread)	SKU 40-262500	40-262500	40-262500	40-262500	40-262500	40-262500
Optional Equipment		KUMULO 300/80/1	KUMULO 380/120/1	KUMULO 500/160/1	KUMULO 600/200/1	KUMULO 800/200/1 ri	KUMULO 1000/200/1 ri
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection						
	Top bottom (5/4" thread)	SKU M-010527	M-010527	M-010527	M-010527	M-010527	M-010527
	(M8 screw)	SKU M-000355	M-000355	M-000355	M-000355	M-000355	M-000355
	GE Electric Heater with Built-in Thermostat						
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016	41-060016	41-060016	41-060016
	9,0 kW 400 V - 6/4" 680 mm	SKU -	-	41-090016	41-090016	41-090016	41-090016
	12,0 kW 400 V - 6/4" 750 mm	SKU -	-	-	-	41-120016	41-120016
	Ionic water treatment plant designed to prevent limescale build-up						
	Arago industry 5/4" F	SKU IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT

KUMULO - Tank-in-tank system: Enamelled cylinder within a buffer tank, without a coil exchanger (300 - 1000)

Labelling		KUMULO 300/80	KUMULO 380/120	KUMULO 500/160	KUMULO 600/200	KUMULO 800/200 ri	KUMULO 1000/200 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2011)	l	220/80	260/120	340/160	400/200	600/200	800/200
SKU	incl. non-removable PUR insulation	1EX 70-302000	1EX 70-404000	1EX 70-506000	1EX 70-608000	-	-
	Incl. removable insulation	-	-	-	-	1EX 70-808600	1EX 70-108600
ErP - energy efficiency class		B	B	C	C	C	C
Max. working pressure (buffer tank / enamelled cylinder)	MPa	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6	0,3 / 0,6
Max. working temperature	Cylinder	°C	95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Magnesium anode	Upper bottom (5/4" thread)	mm	38x400	38x400	38x400	38x400	38x400
Dimension H1 – heating water		mm	5/4" / 220	5/4" / 220	5/4" / 305	5/4" / 305	5/4" / 375
Dimension H2 – heating water			5/4" / 220	5/4" / 220	5/4" / 305	5/4" / 305	5/4" / 375
Dimension H3 – Sensor sump I – Ø		mm	1/2" / 305	1/2" / 335	1/2" / 390	1/2" / 405	1/2" / 625
Dimension H4 – heating water		mm	5/4" / 390	5/4" / 450	5/4" / 475	5/4" / 505	5/4" / 525
Dimension H5 – heating water		mm	5/4" / 580	5/4" / 680	5/4" / 640	5/4" / 710	5/4" / 675
Dimension H6 – Heating water		mm	5/4" / 730	5/4" / 905	5/4" / 810	5/4" / 945	5/4" / 825
Dimension H7 – heating water		mm	5/4" / 900	5/4" / 1135	5/4" / 980	5/4" / 1110	5/4" / 975
Dimension H8 – Sensor sump II – Ø		mm	1/2" / 900	1/2" / 1135	1/2" / 980	1/2" / 1110	1/2" / 975
Dimension H9 – heating water		mm	5/4" / 1070	5/4" / 1365	5/4" / 1150	5/4" / 1315	5/4" / 1125
Dimension H10 – heating water		mm	5/4" / 1235	5/4" / 1590	5/4" / 1315	5/4" / 1515	5/4" / 1275
Dimension H11 – Sensor sump III – Ø		mm	1/2" / 1235	1/2" / 1590	1/2" / 1315	1/2" / 1515	1/2" / 1475
Dimension D (diameter without insulation)	mm	550	550	700	700	900	900
Dimension D (total diameter including PUR insulation)	mm	700	700	855	855	1055	1055
Dimension L (total height)	mm	1470	1840	1670	1840	1620	1820
Tilt height	mm	-	-	-	-	1960	2130
Empty tank weight incl. insulation	kg	111	136	165	184	238	274

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

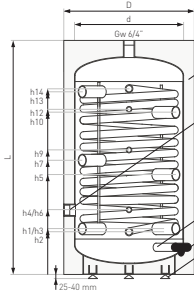
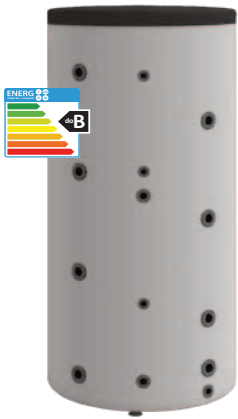


Basic Equipment – Spare Parts		KUMULO 300/80	KUMULO 380/120	KUMULO 500/160	KUMULO 600/200	KUMULO 800/200 ri	KUMULO 1000/200 ri
	A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions Top bottom (5/4" thread)	SKU 40-262500	40-262500	40-262500	40-262500	40-262500	40-262500
Optional Equipment		KUMULO 300/80	KUMULO 380/120	KUMULO 500/160	KUMULO 600/200	KUMULO 800/200 ri	KUMULO 1000/200 ri
	Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection Top bottom (5/4" thread) (M8 screw)	SKU M-010527 M-000355	M-010527 M-000355	M-010527 M-000355	M-010527 M-000355	M-010527 M-000355	M-010527 M-000355
	GE Electric Heater with Built-in Thermostat 2,0 kW 230 V - 6/4" 370 mm 3,0 kW 230 V - 6/4" 305 mm 4,5 kW 400 V - 6/4" 400 mm 6,0 kW 400 V - 6/4" 500 mm 9,0 kW 400 V - 6/4" 680 mm 12,0 kW 400 V - 6/4" 750 mm	SKU 41-020011 41-030011 41-045016 41-060016 SKU - SKU -	41-020011 41-030011 41-045016 41-060016 - -	41-020011 41-030011 41-045016 41-060016 41-090016 -	41-020011 41-030011 41-045016 41-060016 41-090016 -	41-020011 41-030011 41-045016 41-060016 41-090016 41-120016	41-020011 41-030011 41-045016 41-060016 41-090016 41-120016
	Ionic water treatment plant designed to prevent limescale build-up Arago industry 5/4" F	SKU IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT	IN-32-IT

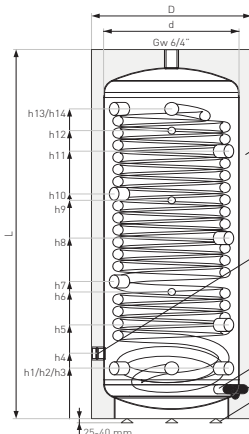
BUFFER Maxi - Steel buffer tank with large coil exchanger, incl. insulation (200/1 - 500/1)

Labelling		BUFFER Maxi 200/1	BUFFER Maxi 250/1	BUFFER Maxi 300/1	BUFFER Maxi 400/1	BUFFER Maxi 500/1
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	202	243	290	366	459
SKU	incl. non-removable PUR insulation	1EX 71-204100	1EX 71-254500N	1EX 71-304500N	1EX 71-404100N	1EX 71-504100N
ErP - energy efficiency class		B	B	B	B	B
Max. working pressure	(Cylinder/Coil)	MPa 0,3 / 1,6	0,3 / 1,6	0,3 / 1,6	0,3 / 1,6	0,3 / 1,6
Max. working temperature	(Cylinder/Coil)	°C 95 / 110	95 / 110	95 / 110	95 / 110	95 / 110
Coil heating surface	m²	2,0	2,9	3,6	6,0	7,5
Coil capacity	l	14,0	24,0	30,0	41,0	47,9
Coil performance at (80/10/45 °C)	kW	48	70	85	114	152
Coil output for HP (50/10/45 °C)	kW	14	21	26	37	52
Requirement for water heating	m ³ /h	3	3	3	3	3
Dimension H1 – heating water	mm	6/4" / 220	6/4" / 220	6/4" / 220	6/4" / 250	6/4" / 265
Dimension H2 – Coil outlet	mm	1" / 205	5/4" / 220	5/4" / 220	5/4" / 250	5/4" / 275
Dimension H3 – Heating water	mm	6/4" / 220	6/4" / 220	6/4" / 220	6/4" / 250	6/4" / 265
Dimension H4 – inlet for electric heating element	mm	6/4" / 300	6/4" / 310	6/4" / 310	6/4" / 340	6/4" / 430
Dimension H5 – heating water	mm	6/4" / 475	6/4" / 370	6/4" / 410	-	-
Dimension H6 – sensor well – Ø / thermometer	mm	1/2" / 300	1/2" / 470	1/2" / 555	1/2" / 450	1/2" / 575
Dimension H7 – heating water	mm	6/4" / 555	6/4" / 520	6/4" / 600	6/4" / 450	6/4" / 495
Dimension H8 – heating water	mm	-	6/4" / 670	6/4" / 790	6/4" / 660	6/4" / 730
Dimension H9 – sensor well – Ø / thermometer	mm	1/2" / 615	1/2" / 770	1/2" / 955	1/2" / 780	1/2" / 1015
Dimension H10 – heating water	mm	6/4" / 785	6/4" / 820	6/4" / 980	6/4" / 910	6/4" / 950
Dimension H11 – heating water	mm	-	6/4" / 970	6/4" / 1170	6/4" / 1065	6/4" / 1195
Dimension H12 – sensor well – Ø / thermometer	mm	1/2" / 800	1/2" / 1010	1/2" / 1260	1/2" / 1265	1/2" / 1395
Dimension H13 – heating water	mm	6/4" / 885	6/4" / 1120	6/4" / 1350	6/4" / 1265	6/4" / 1405
Dimension H14 – Coil inlet	mm	1" / 900	5/4" / 1120	5/4" / 1350	5/4" / 1400	5/4" / 1545
Dimension H15 – heating water	mm	-	-	-	6/4" / 1470	6/4" / 1635
Dimension D (diameter without insulation)	mm	550	550	550	600	630
Dimension D (total diameter including PUR insulation)	mm	670	670	670	700	750
Dimension L (total height)	mm	1140	1300	1615	1750	1950
Empty tank weight without insulation	kg	95	124	145	210	245

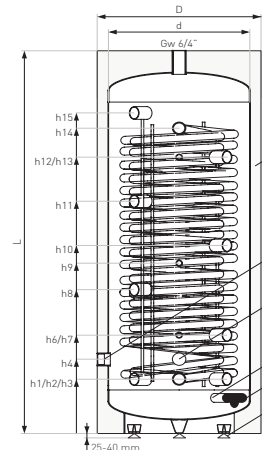
Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."




ACU 200/1



ACU 250/1, 300/1



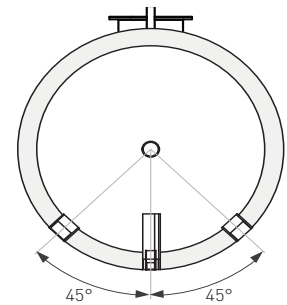
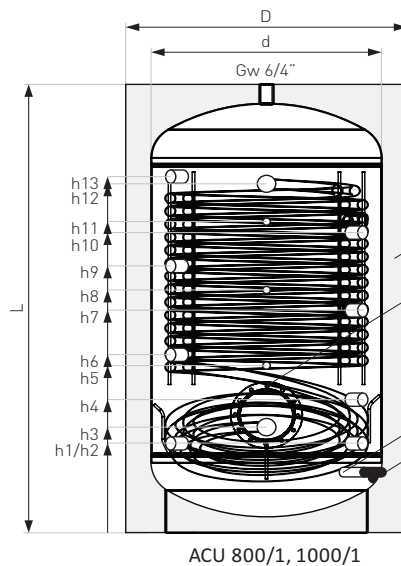
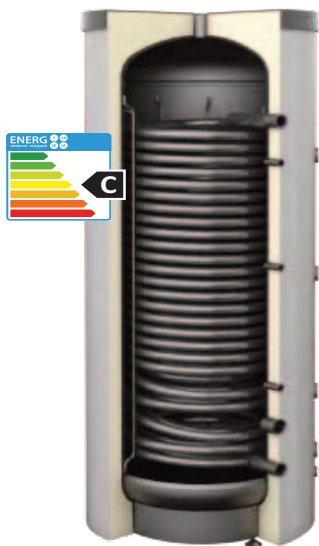
ACU 400/1, 500/1



Optional Equipment		BUFFER Maxi 200/1	BUFFER Maxi 250/1	BUFFER Maxi 300/1	BUFFER Maxi 400/1	BUFFER Maxi 500/1
	GE Electric Heater with Thermostat					
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU 41-060016	41-060016	41-060016	41-060016	41-060016

BUFFER Maxi - Steel buffer tank with large coil exchanger, incl. insulation (800/1 - 1000/1)

Labelling			BUFFER Maxi 800/1 ri	BUFFER Maxi 1000/1 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l		910	1015
SKU	Incl. removable insulation		1EX 71-800700	1EX 71-100700
ErP - energy efficiency class			C	C
Max. working pressure	(Cylinder/Coil)	MPa	0,3 / 1,6	0,3 / 1,6
Max. working temperature	(Cylinder/Coil)	°C	95 / 110	95 / 110
Coil heating surface	m2		9,0	12,0
Coil capacity	l		76,0	101,0
Coil performance at	(80/10/45 °C)	kW	182	240
Coil output for heat pump at	(50/10/45 °C)	kW	62	80
Requirement for water heating	m3/h		3	3
Elevation H1 – heating water	mm		6/4" / 375	6/4" / 375
Elevation H2 – heating water	mm		6/4" / 375	6/4" / 375
Dimension H3 – Coil outlet	mm		2" / 220	2" / 445
Elevation H4 – heating water	mm		6/4" / 565	6/4" / 600
Elevation h5 – sensor sump – Ø / thermometer	mm		1/2" / 705	1/2" / 705
Elevation H6 – Heating water	mm		6/4" / 755	6/4" / 825
Elevation H7 – heating water	mm		6/4" / 940	6/4" / 1000
Elevation h8 – sensor sump – Ø / thermometer	mm		1/2" / 1025	1/2" / 1050
Elevation H9 – heating water	mm		6/4" / 1130	6/4" / 1275
Elevation H10 – heating water	mm		6/4" / 1315	6/4" / 1450
Elevation h11 – Sensor sump – Ø / thermometer	mm		1/2" / 1325	1/2" / 1525
Dimension H12 – Coil inlet	mm		2" / 1475	2" / 1695
Elevation H13 – heating water	mm		6/4" / 1505	6/4" / 1725
Dimension D (diameter without insulation)	mm		900	900
dimension D (total diameter including insulation)	mm		1060	1060
dimension L (total height)	mm		1935	2135
Empty tank weight without insulation	kg		380	440

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



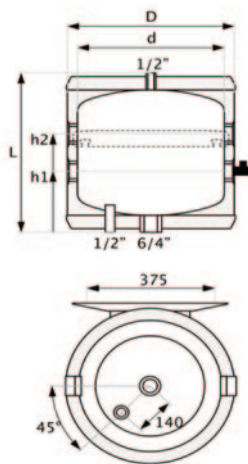
Optional Equipment			BUFFER Maxi 800/1 ri	BUFFER Maxi 1000/1 ri
	GE Electric Heater with Built-in Thermostat			
	2,0 kW 230 V - 6/4" 370 mm	SKU	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU	41-060016	41-060016
	Copper Heat Exchangers			
	1,0 m2 Ø 280 L 350 mm vč těsnění	SKU	40-501210	40-501210
	1,8 m2 Ø 280 L 440 mm vč těsnění	SKU	40-501218	40-501218
	2,3 m2 Ø 280 L 540 mm vč těsnění	SKU	40-501223	40-501223
	3,6 m2 Ø 280 L 650 mm vč těsnění	SKU	40-501236	40-501236
	4,5 m2 Ø 280 L 790 mm vč těsnění	SKU	40-501245	40-501245


BUFFER wm - Wall-mounted steel buffer tank designed for heating and cooling (40 - 140)

Labelling		BUFFER 40 wm	BUFFER 60 wm	BUFFER 80 wm	BUFFER 100 wm	BUFFER 120 wm	BUFFER 140 wm
Net capacity (in accordance with Commission Regulations (EU) 812/20)	l	40	63	86	106	118	136
SKU	incl. non-removable PUR insulation	1EX 70-047000	1EX 70-067000	1EX 70-087000	1EX 70-107000	1EX 70-127000	1EX 70-147000
ErP - energy efficiency class		C	C	C	C	C	C
Max. working pressure	MPa	0,3	0,3	0,3	0,3	0,3	0,3
Max. / Min. working temperature	°C	95 / 6	95 / 6	95 / 6	95 / 6	95 / 6	95 / 6
Dimension H1 – heating water	mm	6/4" / 175	6/4" / 175	6/4" / 175	6/4" / 175	6/4" / 175	6/4" / 175
Dimension H2 – heating water	mm	6/4" / 305	6/4" / 505	6/4" / 690	6/4" / 840	6/4" / 940	6/4" / 1090
Dimension D (diameter without insulation)	mm	400	400	400	400	400	400
Dimension D (total diameter including PUR insulation)	mm	460	460	460	460	460	460
Dimension L (total height)	mm	480	680	865	1015	1115	1265
Empty tank weight incl. Insulation	kg	25	30	35	39	46	53

Cladding made of lacquered sheet metal in white. Suitable for heating and cooling applications.

Warranty details are provided in the original manufacturer's warranty card issued by 'Galmet Sp. z o.o. Sp. K.'

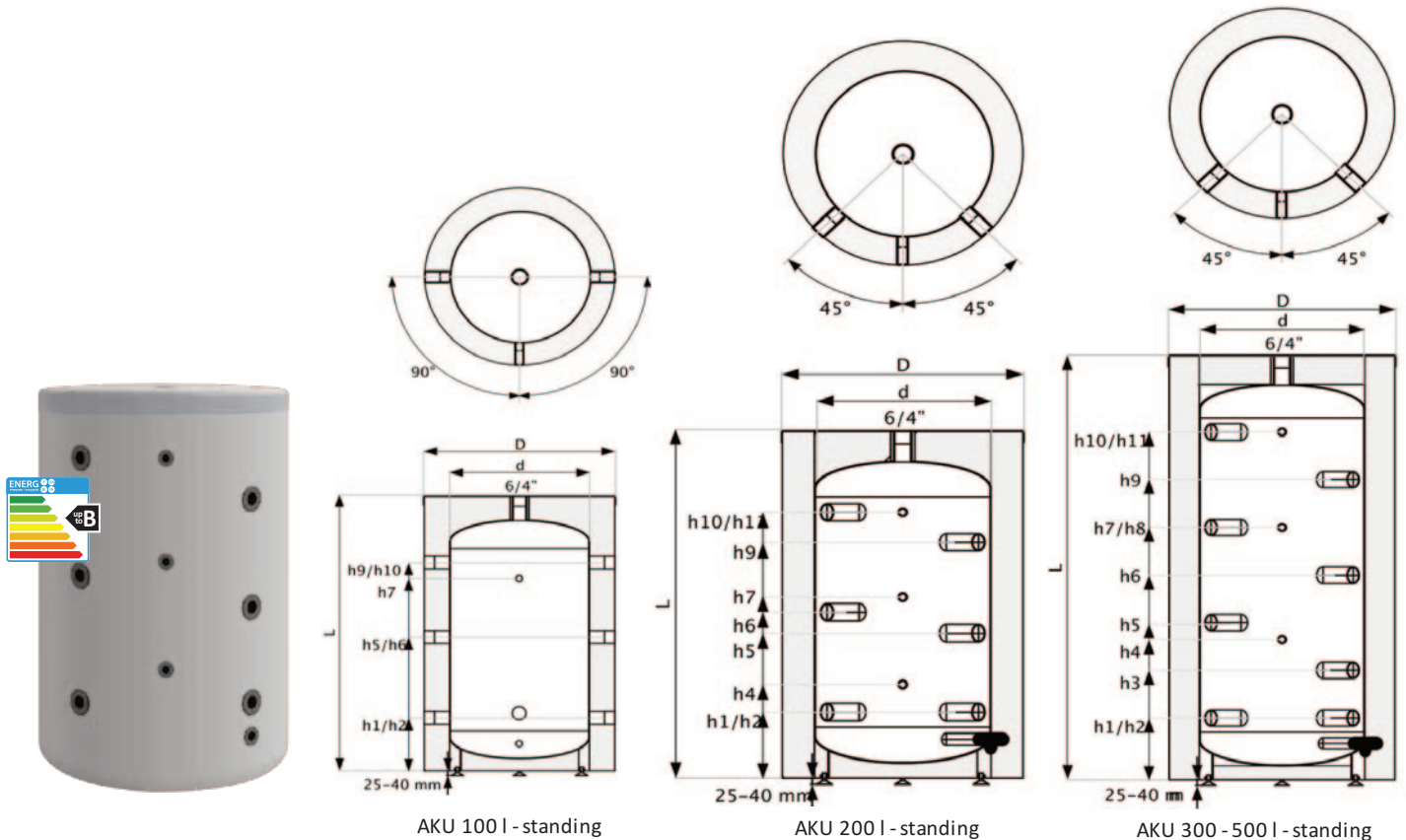



Optional Equipment		BUFFER 40 wm	BUFFER 60 wm	BUFFER 80 wm	BUFFER 100 wm	BUFFER 120 wm	BUFFER 140 wm
	GE Electric Heater with Built-in Thermostat						
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011	41-020011
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016	41-045016
	6,0 kW 400 V - 6/4" 500 mm	SKU -	-	-	-	41-060016	41-060016

BUFFER - Steel buffer tank, incl. insulation (100 - 500)

Labelling		BUFFER 100	BUFFER 200	BUFFER 300	BUFFER 400	BUFFER 500
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	107	223	322	396	467
SKU	incl. non-removable PUR insulation	1EX 70-104000	1EX 70-200000	1EX 70-300000N	1EX 70-400000	1EX 70-500000
ErP - energy efficiency class		B	B	B	C	C
Max. working pressure	MPa	0,3	0,3	0,3	0,3	0,3
Max. / Min. working temperature	°C	95 / 6	95 / 6	95 / 6	95 / 6	95 / 6
Dimension H1 – heating water	mm	6/4" / 180	6/4" / 220	6/4" / 220	6/4" / 250	6/4" / 250
Dimension H2 – heating water	mm	6/4" / 180	6/4" / 220	6/4" / 220	6/4" / 250	6/4" / 250
Dimension H3 – Heating water	mm	-	-	6/4" / 410	6/4" / 445	6/4" / 485
Dimension H4 – sensor sump I – \emptyset	mm	-	1/2" / 315	1/2" / 500	1/2" / 565	1/2" / 565
Dimension H5 – heating water	mm	6/4" / 495	6/4" / 485	6/4" / 600	6/4" / 635	6/4" / 715
Dimension H6 – Heating water	mm	6/4" / 495	6/4" / 555	6/4" / 785	6/4" / 825	6/4" / 945
Dimension H7 – Sensor sump II – \emptyset (100 - 200 l)	mm	1/2" / 765	1/2" / 605	6/4" / 975	6/4" / 1015	6/4" / 1180
Dimension H7 – heating water (300 - 500 l)	mm	1/2" / 765	1/2" / 605	6/4" / 975	6/4" / 1015	6/4" / 1180
Dimension H8 – Sensor sump II – \emptyset	mm	-	-	1/2" / 975	1/2" / 1015	1/2" / 1180
Dimension H9 – heating water	mm	6/4" / 815	6/4" / 785	6/4" / 1165	6/4" / 1210	6/4" / 1410
Dimension H10 – heating water	mm	6/4" / 815	6/4" / 885	6/4" / 1355	6/4" / 1400	6/4" / 1640
Dimension H11 – Sensor sump III – \emptyset	mm	-	1/2" / 885	1/2" / 1355	1/2" / 1400	1/2" / 1640
Dimension D (diameter without insulation)	mm	400	550	550	600	600
Dimension D (total diameter including PUR insulation)	mm	520	670	670	700	700
Dimension L (total height)	mm	1010	1140	1615	1685	1925
Empty tank weight incl. Insulation	kg	37	56	75	104	118

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



Optional Equipment		ACU 100	ACU 200	ACU 300	ACU 400	ACU 500
	GE Electric Heater with Thermostat					
	2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011
	2,0 kW 230 V - 6/4" 360 mm	SKU 41-020012	41-020012	41-020012	41-020012	41-020012
	2,0 kW 230 V - 6/4" 305 mm	SKU 41-020015	41-020015	41-020015	41-020015	41-020015
	3,0 kW 230 V - 6/4" 305 mm	SKU 41-030011	41-030011	41-030011	41-030011	41-030011
	4,5 kW 400 V - 6/4" 410 mm	SKU 41-045015	41-045015	41-045015	41-045015	41-045015
	6,0 kW 400 V - 6/4" 480 mm	SKU -	41-060015	41-060015	41-060015	41-060015
	4,5 kW 400 V - 6/4" 400 mm	SKU 41-045016	41-045016	41-045016	41-045016	41-045016
6,0 kW 400 V - 6/4" 500 mm	SKU -	41-060016	41-060016	41-060016	41-060016	

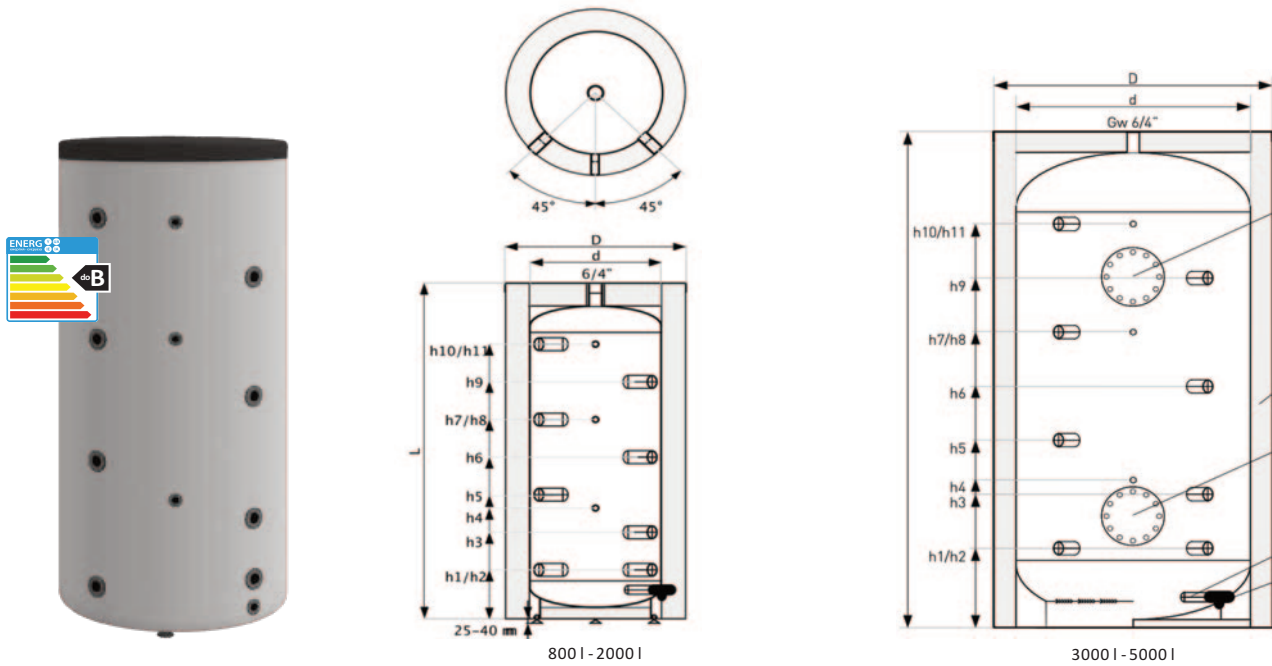
BUFFER - Steel buffer tank, incl. insulation (800 - 5000)



Labelling		BUFFER 800 ri	BUFFER 1000 ri	BUFFER 1500 ri	BUFFER 2000 ri	BUFFER 3000 ri	BUFFER 4000 ri	BUFFER 5000 ri
Net capacity (in accordance with Commission Regulations (EU) 812/2013, 814/2013)	l	728	883	1479	2023	2941	3985	4981
SKU	Incl. removable insulation	1EX 70-800600	1EX 70-100600	1EX 70-150600	1EX 80-200600	1EX 80-300600	1EX 80-400600	1EX 80-500600
ErP - energy efficiency class		C	C	C	C	-	-	-
Max. working pressure of the hopper	MPa	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Max. / Min. working temperature	°C	95 / 30	95 / 30	95 / 30	95 / 30	95 / 30	95 / 30	95 / 30
Dimension H1 – heating water	mm	6/4" / 250	6/4" / 250	6/4" / 375	6/4" / 385	6/4" / 425	6/4" / 445	6/4" / 445
Dimension H2 – heating water	mm	6/4" / 250	6/4" / 250	6/4" / 375	6/4" / 385	6/4" / 425	6/4" / 445	6/4" / 445
Dimension H3 – Heating water	mm	6/4" / 435	6/4" / 500	6/4" / 700	6/4" / 660	6/4" / 725	6/4" / 675	6/4" / 760
Dimension H4 – sensor sump I – Ø	mm	1/2" / 570	1/2" / 570	1/2" / 915	1/2" / 800	1/2" / 830	1/2" / 790	1/2" / 920
Dimension H5 – heating water	mm	6/4" / 620	6/4" / 740	6/4" / 1015	6/4" / 930	6/4" / 1040	6/4" / 910	6/4" / 1075
Dimension H6 – Heating water	mm	6/4" / 820	6/4" / 980	6/4" / 1325	6/4" / 1205	6/4" / 1365	6/4" / 1140	6/4" / 1390
Dimension H7 – Sensor sump II – Ø / heating water	mm	6/4" / 1020	6/4" / 1240	6/4" / 1640	6/4" / 1480	6/4" / 1685	6/4" / 1365	6/4" / 1705
Dimension H8 – sensor well III – Ø	mm	1/2" / 1020	1/2" / 1240	1/2" / 1640	1/2" / 1480	1/2" / 1685	1/2" / 1365	1/2" / 1705
Dimension H9 – heating water	mm	6/4" / 1215	6/4" / 1485	6/4" / 1950	6/4" / 1755	6/4" / 2000	6/4" / 1605	6/4" / 2020
Dimension H10 – heating water	mm	6/4" / 1410	6/4" / 1730	6/4" / 2260	6/4" / 2025	6/4" / 2250	6/4" / 1840	6/4" / 2335
Dimension H11 – Sensor sump IV – Ø	mm	1/2" / 1410	1/2" / 1730	1/2" / 2260	1/2" / 2025	1/2" / 2250	1/2" / 1840	1/2" / 2335
Dimension D (diameter without insulation)	mm	790	790	900	1100	1250	1600	1600
Dimension D (total diameter including PUR insulation)	mm	950	950	1100	1300	1450	1800	1800
Dimension L (total height)	mm	1730	2050	2700	2500	2750	2355	2855
Tilt height	mm	1995	2270	2920	2820	3120	2970	3380
Empty tank weight without insulation	kg	125	158	186	242	315	395	455

Volume: 800 - 2000 l - removable insulation Meodul, skay cladding, grey colour.

Volume: 3000 - 5000 l - Removable polyurethane insulation, skay cladding, grey colour. 2x inspection opening (Ø 205 inner Ø280 outside).

Leatherette Cover in Grey Colour. Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."



Optional equipment		BUFFER 800 ri	BUFFER 1000 ri	BUFFER 1500 ri	BUFFER 2000 ri	BUFFER 3000 ri	BUFFER 4000 ri	BUFFER 5000 ri	
	GE Electric Heater with Thermostat								
	4,5 kW 400 V - 6/4" 400 mm	SKU	41-045016	41-045016	41-045016	41-045016	-	-	
	6,0 kW 400 V - 6/4" 500 mm	SKU	41-060016	41-060016	41-060016	41-060016	-	-	
	9,0 kW 400 V - 6/4" 680 mm	SKU	41-090016	41-090016	41-090016	41-090016	41-090016	41-090016	
	12,0 kW 400 V - 6/4" 750 mm	SKU	41-120016	41-120016	41-120016	41-120016	41-120016	41-120016	
	9,0 kW 400 V - Ø280 500 mm	SKU	-	-	-	-	41-090020	41-090020	41-090020
	12,0 kW 400 V - Ø280 500 mm	SKU	-	-	-	-	41-120020	41-120020	41-120020
18,0 kW 400 V - Ø280 650 mm	SKU	-	-	-	-	41-180020	41-180020	41-180020	
24,0 kW 400 V - Ø280 650 mm	SKU	-	-	-	-	41-240020	41-240020	41-240020	
	Copper heat exchangers								
	1,0 m2 Ø 280 L 350 mm incl. Gasket	SKU	-	-	-	-	40-501210	40-501210	40-501210
	1,8 m2 Ø 280 L 440 mm incl. Gasket	SKU	-	-	-	-	40-501218	40-501218	40-501218
	2,3 m2 Ø 280 L 540 mm incl. Gasket	SKU	-	-	-	-	40-501223	40-501223	40-501223
	3,6 m2 Ø 280 L 650 mm incl. Gasket	SKU	-	-	-	-	40-501236	40-501236	40-501236
4,5 m2 Ø 280 L 790 mm incl. Gasket	SKU	-	-	-	-	40-501245	40-501245	40-501245	

Non-standard steel tanks with internal baffles are available upon request

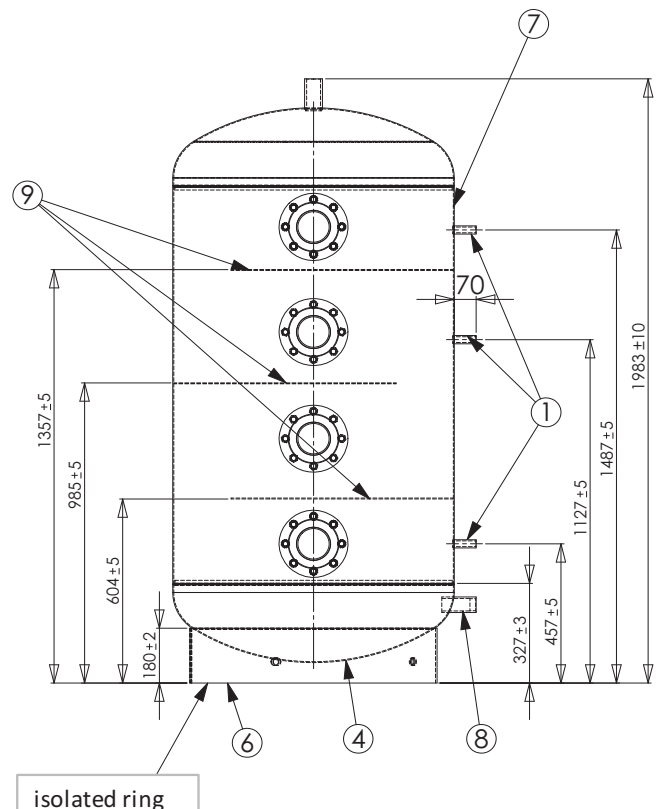
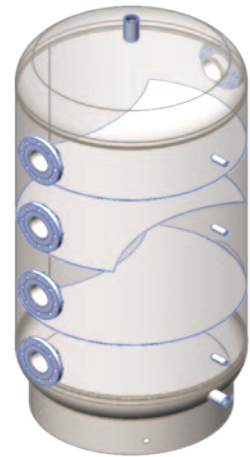
Our in-house development and production capabilities allow us to respond to specific requirements, including height, diameter, maximum working pressure, dimensions, number of connections, stratification partitions, and more. Experts from our technical department prepare a drawing tailored to the client's needs or project documentation. After mutual approval, the tank is put into production and subsequently delivered to its destination. The designs and drawing documentation examples below represent only a selection of implemented applications.



ACU 500 6x DN80

ACU 1000 6x DN80

ACU 1000 6x DN100



isolated ring

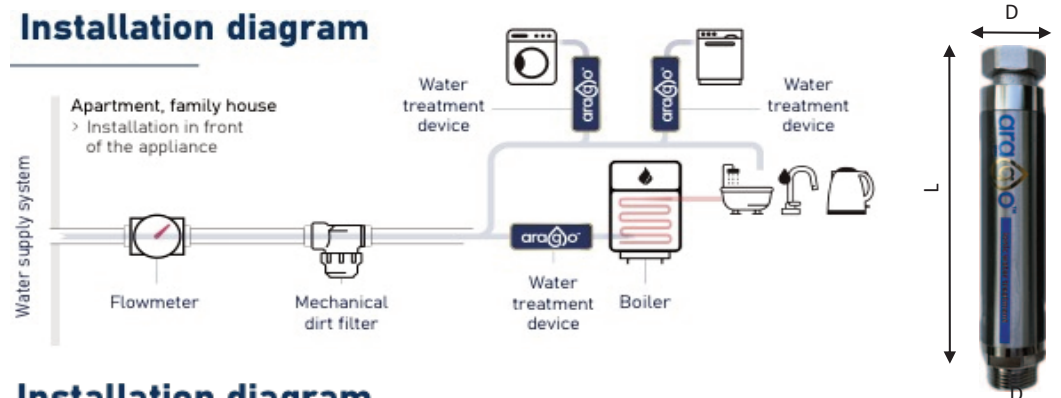
ARAGO Mini, Home - Ionic drinking water treatment device designed to eliminate limescale deposits

Labelling	Arago mini 3/4"	Arago home 1/2"	Arago home 3/4"	Arago home 1"	Arago home 5/4"
SKU	Arago-MI-3/4	Arago-HO-1/2	Arago-HO-3/4	Arago-HO-1	Arago-HO-5/4
Thread connection	3/4" RF - 3/4"M	1/2" F	3/4" F	1" F	5/4" F
Max. flow	m3/h 1,2	1,2	2,5	4,1	7
Max. working pressure	bar 10	10	10	10	10
Max. working temperature	°C 65	65	65	65	65
Pressure loss	kPa 10	10	12	13	15
dimension D, diameter	mm 34	34	43	48	57
dimension L, height	mm 169	174	216	216	220
Weight	kg 0,55	0,53	0,93	1,05	1,2
Group packaging (box)	pcs 48	20	20	20	20

ARAGO is an ionic drinking water treatment device that prevents calcium deposits and corrosion. As water flows through the treatment plant, the structure of limescale undergoes a permanent change, rendering it unable to solidify into incrustations. This functionality extends the lifespan of installed equipment, including heating elements, boilers, faucets, washing machines, dishwashers, and other appliances. The service life of the ARAGO MINI and HOME treatment plants ranges from 6 to 8 years, depending on the chemical composition and volume of the source water flow.

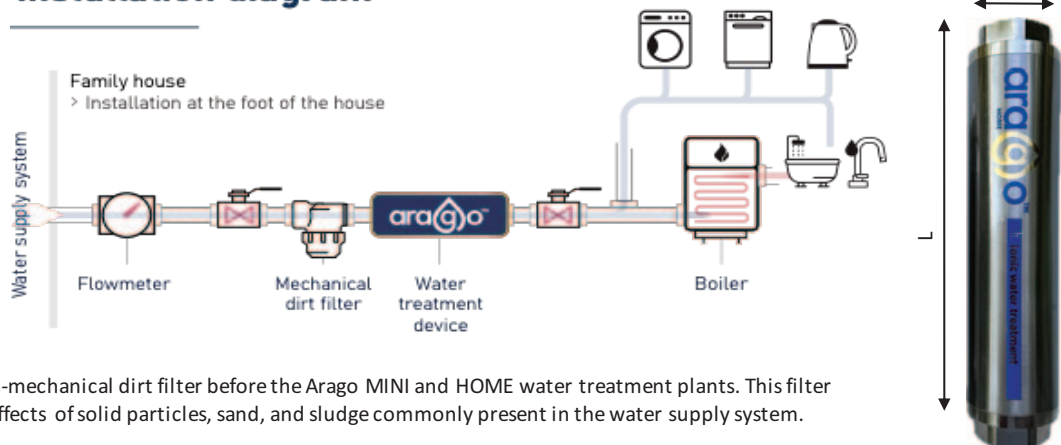
The Arago MINI features a 3/4" nut with an internal thread on one side, designed for connection to the water supply of washing machines, dishwashers, and other appliances that heat water. The diagram illustrates the possibilities for localised use.

Installation diagram



The Arago HOME, featuring an internal thread on both sides, is installed at the water inlet of the building, behind the water meter, in either a vertical or horizontal position, regardless of the flow direction. The treatment plant protects all appliances within the building. The diagram illustrates the possible applications.

Installation diagram



It is recommended to install a magnetic-mechanical dirt filter before the Arago MINI and HOME water treatment plants. This filter protects the device from the abrasive effects of solid particles, sand, and sludge commonly present in the water supply system.



Arago MINI



Arago HOME

ARAGO Industry - Ionic drinking water treatment device designed to eliminate limescale deposit

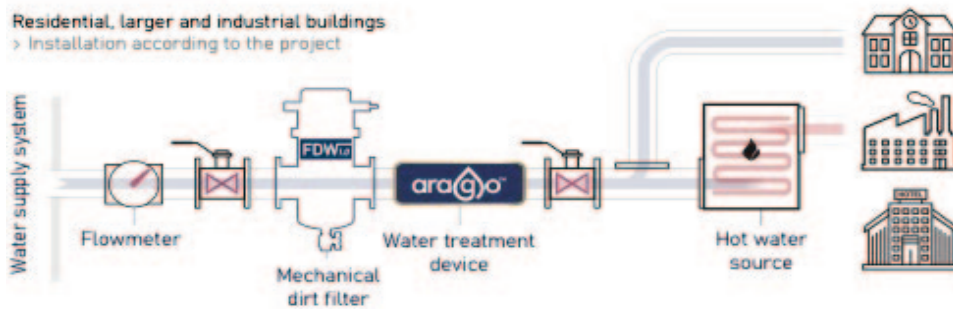
Labelling	ARAGO Industry	32-IT	40-IT	50-IT	50-F	65-F	80-F	100-F	125-F
SKU	Arago-IN-	32-IT	40-IT	50-IT	50-F	65-F	80-F	100-F	125-F
Connection	Internal thread	5/4" F	6/4" F	2" F	-	-	-	-	-
	flange	-	-	-	DN50	DN65	DN80	DN100	DN125
Max. flow	m3/h	7	9	14	14	22	35	50	67
Max. working pressure	bar	10	10	10	10	10	10	10	10
Max. working temperature	°C	65	65	65	65	65	65	65	65
Pressure loss	kPa	14	15	17	17	15	12	17	14
Dimension D, diameter	mm	64	64	70	70	85	104	129	154
Dimension L, height	mm	465	450	454	424	415	414	416	419
Weight	kg	3,3	3,3	4,2	5,5	8	9,5	13,3	18,2
Replacement cartridge ordering code	Arago-IN-	32-SC	40-SC	50-SC	50-SC	65-SC	80-SC	100-SC	125-SC

ARAGO is an ionic drinking water treatment device designed to eliminate limescale deposits and prevent corrosion. As water flows through the treatment plant, the structure of limescale undergoes a permanent change, losing its ability to form solid incrustations. The device is suitable for use in apartment buildings, hospitals, schools, office buildings, restaurants, hotels, department stores, as well as in agricultural production, including irrigation systems, heat exchangers, and storage tanks.

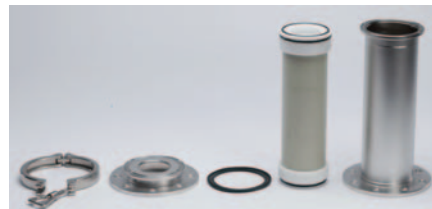
The Arago INDUSTRY is installed at the water inlet of the building, behind the water meter, in either a vertical or horizontal position, regardless of the flow direction. The treatment device protects all appliances within the building. The diagram illustrates the potential applications.

Installation diagram

Residential, larger and industrial buildings
> Installation according to the project



The Arago INDUSTRY is designed to allow the replacement of the internal active cartridge with a new one. This feature addresses the higher water flow rates expected in industrial applications, which may vary depending on the chemical composition of the source water. The expensive stainless steel body of the treatment plant remains in place during cartridge replacement, reducing additional costs for continued protection. It is recommended to replace the cartridge at least once every two years.



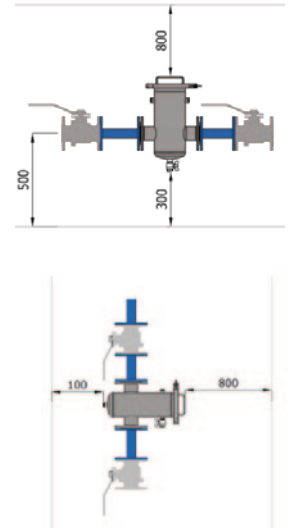
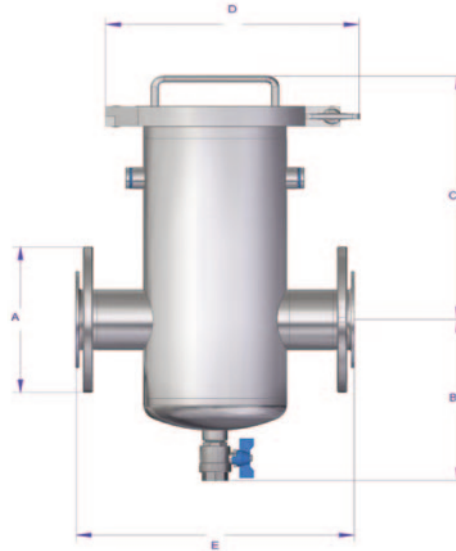
It is recommended to install the appropriately sized Antarcis RD2.3 mechanical debris filter before the Arago INDUSTRY water treatment device. This filter protects the equipment from the abrasive effects of solid particles, sand, and sludge, which are commonly present in the water mains.





Antarktis RD2.3 – Stainless Steel Mechanical Filter for drinking water systems (suitable in combination with ARAGO treatment units)

Labelling		Antarktis RD2.3 DN50	Antarktis RD2.3 DN65	Antarktis RD2.3 DN80	Antarktis RD2.3 DN100	Antarktis RD2.3 DN125	Antarktis RD2.3 DN150
SKU		ATS/RD2.3-50	ATS/RD2.3-65	ATS/RD2.3-80	ATS/RD2.3-100	ATS/RD2.3-125	ATS/RD2.3-150
Connection		Internal thread	flange	flange	flange	flange	flange
Installation option		vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal
Operating fluid		drinking water	drinking water	drinking water	drinking water	drinking water	drinking water
Material of the filter body and filter element		Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Fineness of the filter element (µm)		100	100	100	100	100	100
Hydraulic seals		EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Max. working temperature	°C	85	85	85	85	85	85
Max. working pressure	bar	10	10	10	10	10	10
Maximum flow rate	m3/hod	20	39	52	79	124	177
Sizes	A - mm	185	185	185	220	250	285
	B - mm	205	205	205	205	234	234
	C - mm	310	310	310	310	395	395
	D - mm	274	274	274	274	315	315
	E - mm	300	300	300	300	350	350
Weight	kg	12,5	16,3	16,3	17,8	26,3	28,3

Antarktis RD2.3 is a high-performance mechanical filter that protects drinking water systems from impurities. Sediments are captured by a stainless steel filter cartridge. The Antarktis RD2.3 filter is made of stainless steel, offering resistance to chemicals and mechanical debris.



Spare parts		Antarktis RD2.3 DN50	Antarktis RD2.3 DN65	Antarktis RD2.3 DN80	Antarktis RD2.3 DN100	Antarktis RD2.3 DN125	Antarktis RD2.3 DN150
	Stainless steel filter cartridge (the basic filter equipment includes a 100 µm cartridge)						
	100 µm - 90x300mm SKU	RD2.3/FV1/100	RD2.3/FV1/100	RD2.3/FV1/100	RD2.3/FV1/100	-	-
	100 µm - 110x400mm SKU	-	-	-	-	RD2.3/FV2/100	RD2.3/FV2/100
	Seal kit (we recommend replacing it during the annual service)						
	DN50 - DN100 SKU	RD2.3/TESI	RD2.3/TESI	RD2.3/TESI	RD2.3/TESI	-	-
	DN125 - DN150 SKU	-	-	-	-	RD2.3/TESII	RD2.3/TESII

Example of Arago Industry water treatment plant and mechanical filter installation

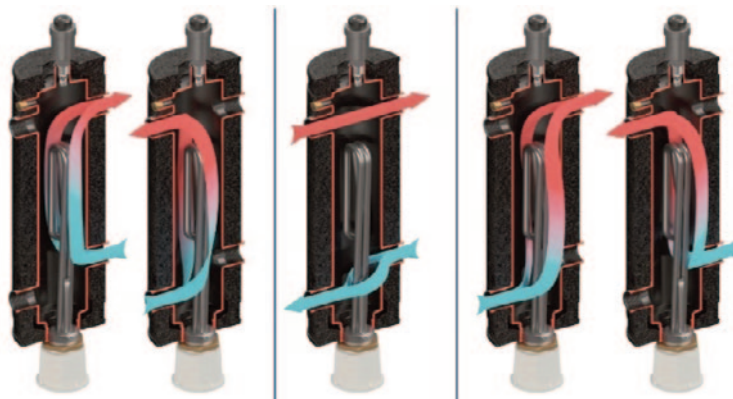


RIFLEMAN - External electric boiler designed for heating water in central heating systems

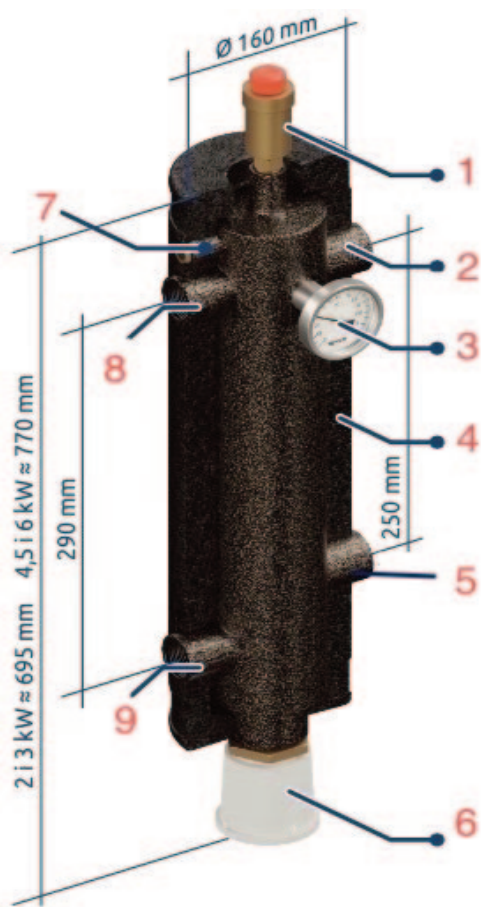
Labelling		Rifleman 230/2	Rifleman 230/3	Rifleman 400/4	Rifleman 400/6	
SKU	Incl. removable EPP insulation	CZ-212302	CZ-212303	CZ-214004	CZ-214006	
Selfa - electric heating el.	Power / Voltage	kW / V	2 / 230	3 / 230	4,5 / 400	6 / 400
	Power cable cross-section	mm ²	3 x 2,5	3 x 2,5	5 x 1,0	5 x 1,5
	Changeover contact	A	1 x 16	1 x 16	3 x 10	3 x 10
	Temp. range of the body operation	°C	0-60	0-60	5-70	5-70
	Degree of protection	IP	44	44	44	44
Input for el. Heating element (internal thread)	DN	40 IW / 6/4"	40 IW / 6/4"	40 IW / 6/4"	40 IW / 6/4"	
Metal wall mount bracket	pcs	2x	2x	2x	2x	
Installation (vertical / horizontal)		vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal	
dimension D (diameter with insulation)	mm	160	160	160	160	
dimension L (total height)	mm	695	695	770	770	
Weight incl. insulation	kg	4,8	5,0	5,7	6,3	

- a) Ideal alternative energy source in heat pump and photovoltaic systems
- b) Built-in electric heating element with thermostat
- c) Anti-frost protection
- d) Continuous temperature control of the heating water
- e) Emergency thermostat with reset option

Connection variants for the heating system



Example of installation



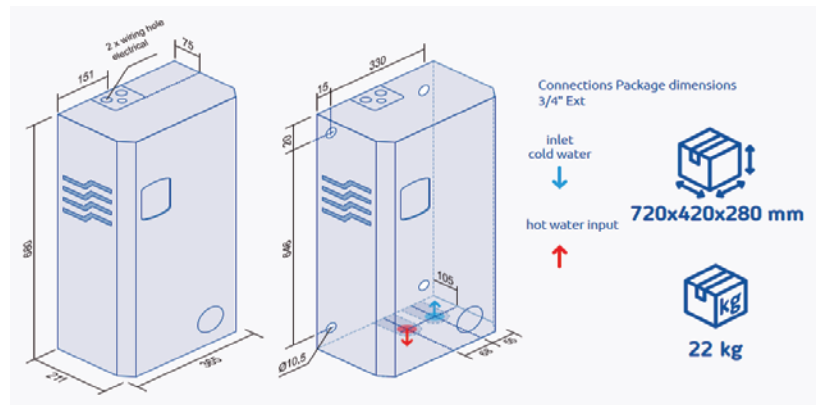
Picture legend

1 -	Vent fitting
2, 5, 8, 9 -	Outlet 5/4" female thread
3 -	Bimetallic thermometer
4 -	EPP insulation
6 -	Electric heating element with thermostat
7 -	Measuring tube

COLONEL ~230 V - Electric heating boilers with advanced LCD controls, PV-ready

Labelling	Colonel 6kW	Colonel 9kW	Colonel 12kW	Colonel 15kW	Colonel 18kW	Colonel 24kW
SKU	127306	127309	127312	127315	127318	127324
Selfa - electric heating el.						
Power settings that can be adjusted as needed	6/4 kW	9 kW	12 kW	15/9/6/4 kW	18/12/6/4 kW	24/12 kW
Voltage	~V	1 x 230	1 x 230	1 x 230	1 x 230	1 x 230
Power cable cross-section	mm ²	3 x 4	3 x 10	3 x 10	3 x 16	3 x 35
Changeover contact	A	1 x 32	1 x 40	1 x 63	1 x 80	1 x 120
Temp. range of the body operation	°C	5-70	5-70	5-70	5-70	5-70
Degree of protection	IP	2	2	2	2	2
Metal wall mount bracket	pcs	4xM8	4xM8	4xM8	4xM8	4xM8
Installation		vertical	vertical	vertical	vertical	vertical
dimension (Height)	mm	680	680	680	680	680
dimension (Width)	mm	365	365	365	410	410
dimension (Depth)	mm	211	211	211	241	241
Weight incl. insulation	kg	22,6	22,7	22,8	26,9	27,1

Colonel boilers can be connected to a single phase, provided that the appropriate protections are in place at the given location.

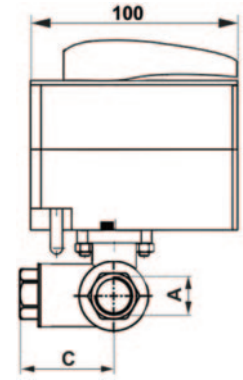
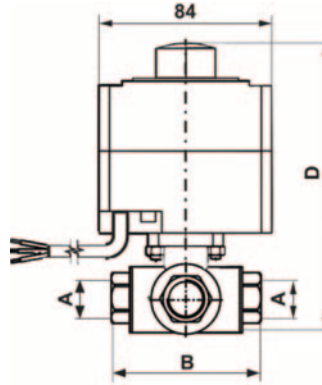


COLONEL ~230 V - Electric heating boilers with advanced LCD controls, PV-ready

- Advanced LCD Series
- Built-in weekly temperature controller
- Equipped with weather compensation
- Equipped with 4 x PV-ready functionality
- Smartphone control via app included
- Optional DHW control available
- Optional radio control set
- Built-in energy meter for cooperation with PV installations
- Ideal as a primary or alternative heat source in PV systems
- Adjustable boiler power for better PV integration
- Maximum power adjustment available for 15, 18, and 24kW versions
- Designed to work with heat pumps
- Compatible with both sealed and open-vented heating systems
- Electronic temperature setting – range 5-70°C
- Energy efficiency class D (spectrum A+++ to D)

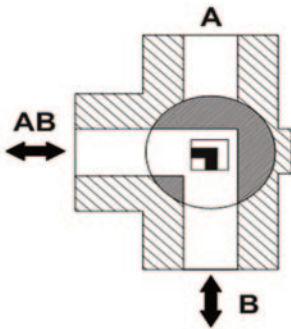
Three-way ball valves with actuator

Labelling	VZK R 325-230-1P-60 L 5/4F	VZK R 325-230-1P-60 T 5/4F	VZK R 325-230-1P-15 L 6/4M	VZK R 325-230-1P-15 T 6/4M
SKU	18671	18676	19005	19006
	three way L-bore valves	three way T-bore valves	three way L-bore valves	three way T-bore valves
Nominal clearance	DN 25	25	25	25
Open/close time	s 60	60	15	15
Kvs	m ³ /h 28,3	straight 28,3 / angled 14,3	14,3	straight 28,3 / angled 14,3
Max. working pressure	bar 10	10	10	10
Max. working temperature of the fluid	°C 110	110	110	110
Operating ambient temperature	°C 5 - 40	5 - 40	5 - 40	5 - 40
Machine power supply	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz
Power cable cross section	mm ² 3 x 0,5	3 x 0,5	3 x 0,5	3 x 0,5
Power cable length	m 2	2	2	2
Sizes	A - connecting thread 3 x G 5/4" F	3 x G 5/4" F	3 x G 6/4" M	3 x G 6/4" M
	B mm 104	104	128	128
	C mm 52	52	64	64
	D mm 168	168	168	168
Weight	kg 1,8	1,8	1,8	1,8



Fluid can flow in either direction through the valve, with the common port serving as either an inlet or outlet
 The direction of fluid flow is indicated on the actuator or by a groove on the valve spindle (visible after removing the actuator)
 A label indicating the fluid flow direction, in a colour corresponding to the lever position, is affixed to the actuator
 The default position and the direction of rotation can be adjusted; refer to the Instruction Manual for details

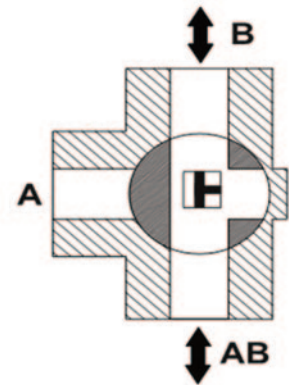
Factory setting



L-bore valve



T-bore valve



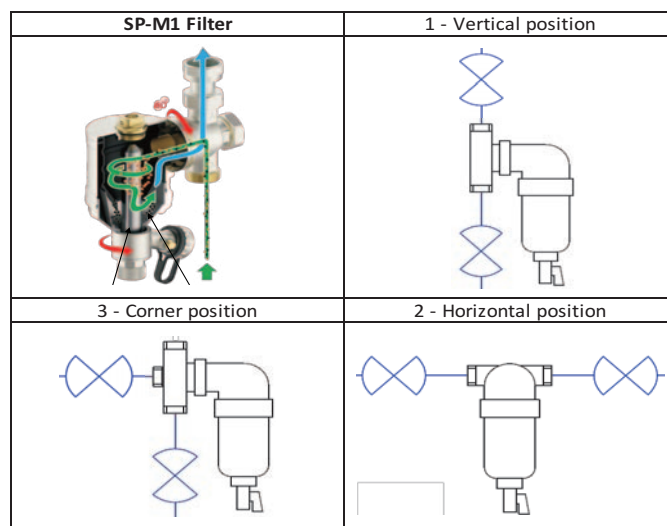
SP-M1 - Brass Magnetic-Mechanical Filter (G1") for Boilers and Heat Pumps

Labelling		Ultima SP-M1
SKU		SP-M1
Connection		Filter – External Thread 1" F, 2 Ball Valves – 1" F x 1" RF, Reducer – 1" M x 3/4" F
Installation Option		vertical/horizontal/corner
Operating Fluid		water, water with glycol
Material of the Filter Body		Brass
Filter Cartridge Material		Stainless Steel, 100 µm, Replacement 500 µm
Magnet Strength and Material	Gauss, neodym	11.000
Max. Working Temperature	°C	110
Max. Working Pressure	bar	10
Recommended Working Pressure	bar	1.5–3
Nominal Flow Rate	m ³ /h	3,1
Maximum Flow Rate	m ³ /h	7,1
Pressure Loss at Nominal Flow Rate	bar	0,3

“Magnetic Mechanical Filter with Rotating Connection for Comprehensive System Protection”

A magnetic mechanical filter with a rotating connection is designed to protect key components of heating systems equipped with boilers or heat pumps. It prevents damage caused by dirt and debris that may accumulate during system operation or by the formation of unwanted deposits resulting from low-quality operating fluid. This filter is an essential component for maintaining the efficiency and longevity of the system by ensuring clean and unobstructed fluid circulation.

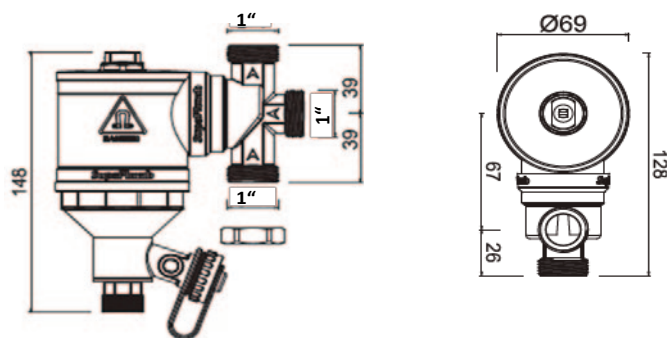
This enhanced protection helps reduce wear and tear on critical parts, such as circulation pumps and heat exchangers, while also lowering maintenance costs over the long term. Suitable for use in both residential and commercial heating systems, the filter ensures optimal performance and extends the lifespan of the system.



Filter Installation

The filter allows for both horizontal and vertical installation, thanks to its rotating connection. We recommend placing it on the return pipe, which brings water from the heating system back to the boiler or heat pump. This ensures that all impurities from the system are captured by the filter before the water enters the installed equipment.

Installing the filter protects all critical system components (three-way valve, circulation pump, heat exchanger, sensors) from mechanical, magnetic, and non-magnetic impurities. For easy maintenance and cleaning of the filter, it is recommended to install shut-off ball valves both before and after the filter.



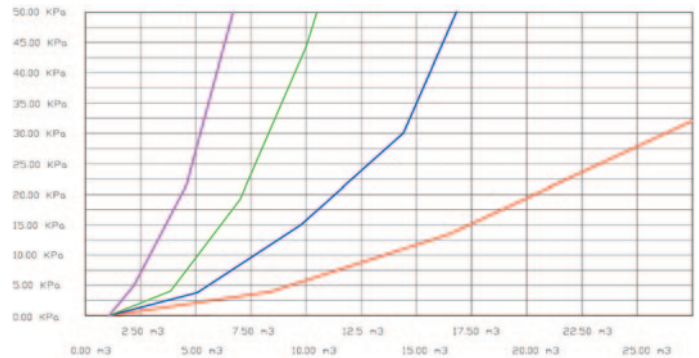
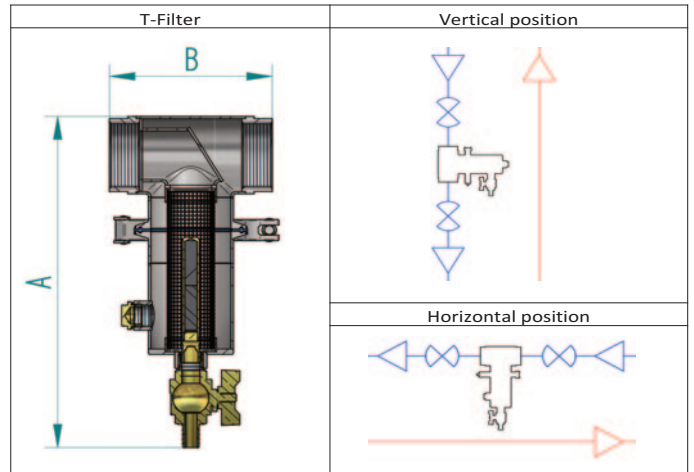
T-Filter - Stainless Steel Magnetic-Mechanical Filter (G1" - G2")



Labelling	T-Filter G1"	T-Filter G5/4"	T-Filter G6/4"	T-Filter DN 50, (G2")	
SKU	T-Filter 1"	T-Filter 5/4"	T-Filter 6/4"	T-Filter 2"	
Connection	inner thread				
Installation option	vertical/horizontal				
Operating fluid	water, water with glycol				
Material of the filter body and filter element	Stainless steel				
Magnet strength and	Gauss, neodym (optional)				
Max. working	85				
Max. working pressure	10				
Pressure loss	see chart below	see chart below	see chart below	see chart below	
Sizes	A - mm	295	295	295	298
	B - mm	114	114	114	134
Weight	kg	2,2	2,2	2,2	2,7

The T-Filter magnetic-mechanical filter is a versatile filtration system designed to capture ferrous particles and other contaminants from fluids, combining magnetic and mechanical processes to enhance fluid purity.

This makes it ideal not only for industrial applications such as automotive and hydraulic systems but also for larger facilities, including schools, hospitals, and commercial buildings. In these environments, the T-Filter plays a crucial role in maintaining clean water and HVAC systems, reducing equipment wear and tear, lowering maintenance costs, and supporting a healthier environment by ensuring higher standards of fluid cleanliness.

Additionally, the T-Filter is designed for easy dismantling and servicing, facilitating routine maintenance and cleaning. This user-friendly feature helps minimise operational downtime, which is particularly valuable in high-traffic locations.



Optional equipment - spare parts	T-Filter G1"	T-Filter G5/4"	T-Filter G6/4"	T-Filter DN 50, (G2")
	Stainless steel filter cartridge (the basic filter equipment includes a 100 µm cartridge)			
100 µm - 39 x 141 mm	SKU TF-FV100	TF-FV100	TF-FV100	TF-FV100
300 µm - 39 x 141 mm	SKU TF-FV300	TF-FV300	TF-FV300	TF-FV300
	Seal kit (we recommend replacing it during the annual service)			
Seals kit (G1" - G6/4")	SKU TF-TES 1	TF-TES 1	TF-TES 1	-
Seals kit (G2")	SKU -	-	-	TF-TES 2

Example of Horizontal Installation



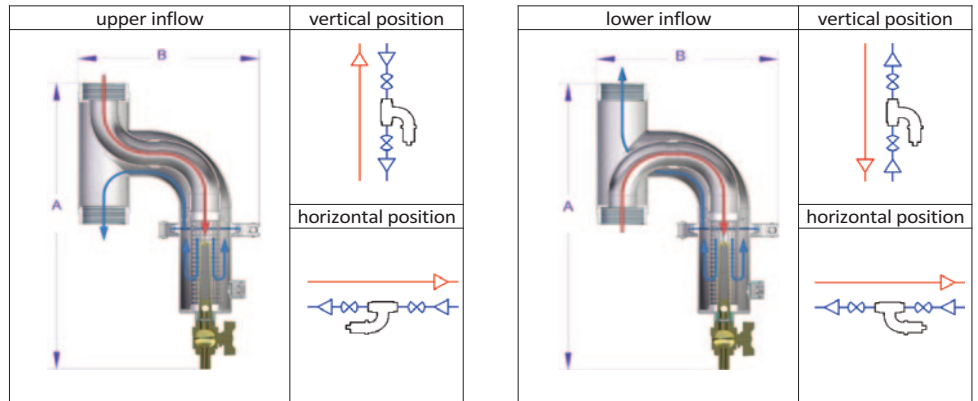
Example of Vertical Installation



ULTIMA RD4.1 - 2" Magnetic Mechanical Filter for Heating and Cooling Systems




Labelling		Ultima RD4.1 2" VH	Ultima RD4.1 2" VD
SKU		RD4.1 2 VH	RD4.1 2 VD
Inlet direction		upper inflow	lower inflow
Installation option		vertical / horizontal	vertical / horizontal
Operating fluid		water, water with glycol	water, water with glycol
Material of the filter body and filter element		Stainless steel	Stainless steel
Fineness of the filter element (µm)		100	100
Magnet strength / material	Gauss, neodym	9.000	9.000
Hydraulic seals	EPDM	EPDM	EPDM
Max. working temperature	°C	85	85
Max. working pressure	bar	10	10
Maximum flow rate	m3/hod	18	18
Dimensions	A - mm	405	405
	B - mm	242	242
Weight	kg	3,24	3,24

Water flow diagram and wiring diagram



A powerful magnetic-mechanical filter designed to protect circulating pumps and heat/cold exchangers in heating and cooling systems from dirt. Metal particles and magnetic slurries are continuously captured by a high-efficiency magnet. The operating fluid flows into the filter insert, where magnetic impurities are trapped by the magnet, while non-magnetic impurities are retained within the filter insert.

The filter is constructed from stainless steel, offering resistance to chemical agents and mechanical impurities. This versatile filter is suitable for both vertical and horizontal installation on return pipes in heating and cooling systems.

Optional equipment - spare parts		Ultima RD4.1 2" VH	Ultima RD4.1 2" VD
	Stainless steel filter cartridge (the basic filter equipment includes a 100 µm cartridge)		
	100 µm - 40 x 142 mm	SKU ULT/G-P.22	ULT/G-P.22
	300 µm - 38 x 142 mm	SKU 010305ID1787	010305ID1787
	800 µm - 38 x 142 mm	SKU 010305ID1788	010305ID1788
	Seal kit (we recommend replacing it during the annual service)		
		SKU RD4.1/TES	RD4.1/TES
	Removable thermal insulation prevents heat energy from escaping into the room		
		SKU TI/RD4.1	TI/RD4.1

Installation Examples

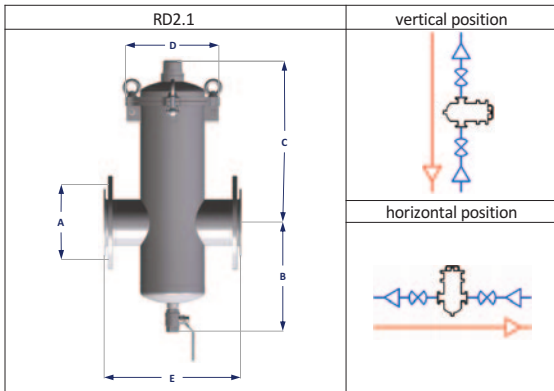


ULTIMA RD2.1 - Magnetic Mechanical Filter DN65–DN150 (Custom Sizes Available up to DN300)

Labelling	Ultima RD2.1 DN 65	Ultima RD2.1 DN 80	Ultima RD2.1 DN 100	Ultima RD2.1 DN 125	Ultima RD2.1 DN 150
SKU	RD2.1-65/85	RD2.1-80/85	RD2.1-100/85	RD2.1-125/85	RD2.1-150/85
Connection	flange	flange	flange	flange	flange
Installation option	vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal	vertical / horizontal
Operating fluid	water, water with glycol	water, water with glycol	water, water with glycol	water, water with glycol	water, water with glycol
Material of the filter body and filter element	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Fineness of the filter element (µm)	100	100	100	100	100
Magnet strength and material	12.000 Gauss, neodym	12.000	12.000	12.000	12.000
Hydraulic seals	EPDM	EPDM	EPDM	EPDM	EPDM
Max. working temperature	°C 85	85	85	85	85
Max. working pressure	bar 10	10	10	10	10
Maximum flow rate	m3/hod 39	52	79	124	177
Sizes	A - mm 185	200	220	250	285
	B - mm 262	262	262	270	270
	C - mm 384	384	384	400	400
	D - mm 245	245	245	300	300
	E - mm 300	330	330	400	440
Weight	kg 19,1	19,6	20,2	31,3	33,8

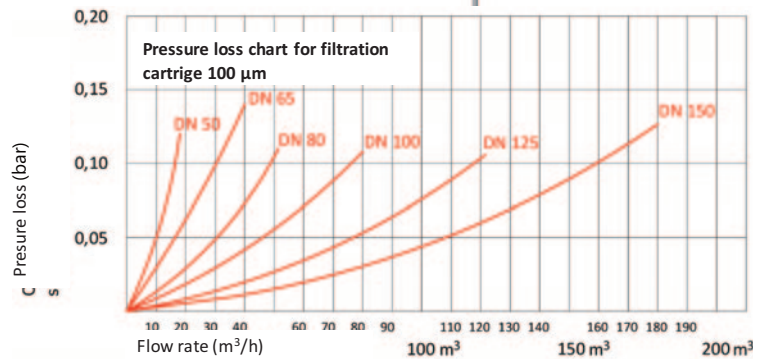
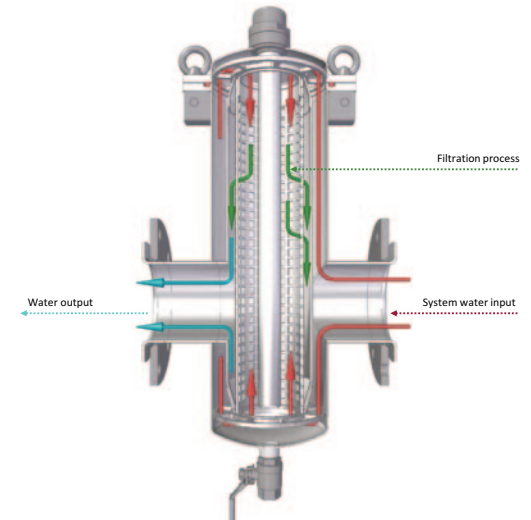
Custom-made to accommodate operating pressures of PN6 or PN16



Water flow diagram and wiring diagram



A powerful magnetic-mechanical filter designed to protect circulators and heat/cold exchangers in heating and cooling systems from dirt. Metal particles and magnetic slurries are continuously captured by a high-efficiency magnet. The operating fluid flows through the filter insert, where magnetic impurities are trapped by the magnet, while non-magnetic impurities are retained within the filter insert.

The filter is constructed from stainless steel, offering resistance to chemical agents and mechanical impurities. This versatile filter is suitable for both vertical and horizontal installation on return pipes in heating and cooling systems.



Optional equipment - spare parts	Ultima RD2.3 DN 65	Ultima RD2.3 DN 80	Ultima RD2.3 DN 100	Ultima RD2.3 DN 125	Ultima RD2.3 DN 150
	Stainless steel filter cartridge (the basic filter equipment includes a 100 µm cartridge)				
DN65-100, 90x440mm SKU	RD2.1/FV1	RD2.1/FV1	RD2.1/FV1	-	-
DN125-150, 110x450mm SKU	-	-	-	RD2.1/FV2	RD2.1/FV2
	Seal kit (we recommend replacing it during the annual service)				
DN65-100 SKU	TES1/RD2.1	TES1/RD2.1	TES1/RD2.1	-	-
DN125-150 SKU	-	-	-	TESS/RD2.1	TESS/RD2.1

Filter Installation at the Storage Tank and its Maintenance



Debris in the Circulation Pump and Plate Heat Exchanger



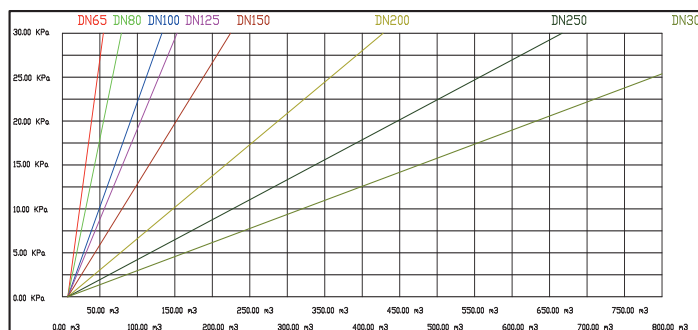
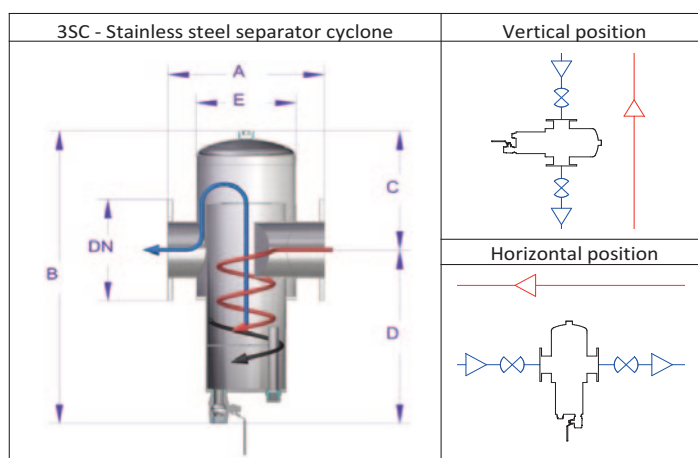
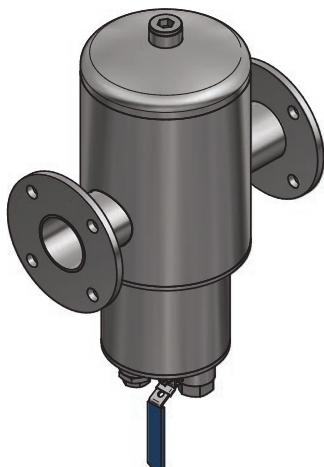
3SC - Stainless Steel Separator Cyclone DN65–DN150 (Custom Sizes Available up to DN300)



Labelling		3SC DN 65	3SC DN 80	3SC DN 100	3SC DN 125	3SC DN 150
SKU		3SC-65/10/85	3SC-80/10/85	3SC-100/10/85	3SC-125/10/85	3SC-150/10/85
Max. flow rate	m ³ /hour	38	54	92	140	186
Pressure loss	kPa	20	21	21	29	24
Sizes	A - mm	350	360	360	400	400
	B - mm	570	657	707	782	823
	C - mm	242	269	289	324	335
	D - mm	328	388	418	458	488
	E - mm	204	219	219	256	256
Weight	kg	14	17	19	28	31
Connection		flange				
Installation option		vertical, horizontal				
Operating fluid		water, water with glycol				
Material of the filter body and filter element		Stainless steel				
Magnet strength	Gauss, neodym (optional)	12.000				
Hydraulic seals		EPDM				
Max. working temperat	°C	85 (*110)				
Max. working pressure	bar	10 (*6, 16)				

* on demand

A stainless steel separator cyclone is suitable for use with both water and glycol, depending on its design. It effectively separates solid particles from these liquids, making it valuable in systems where the cleanliness of water or glycol is critical, such as in cooling or heating loops.

Optionally, a strong magnet can be integrated into the stainless steel separator cyclone to capture magnetic impurities. This feature is particularly beneficial in applications where fine metal particles are present, as it enhances the separation process by attracting and retaining these particles, ensuring cleaner output for both water and glycol systems.



Optional equipment		3SC DN 65	3SC DN 80	3SC DN 100	3SC DN 125	3SC DN 150
	Magnetic rod housed in a stainless steel sump (not included in the basic separator version)					
	DN65-150, 20x200 mm	SKU MA65-150/85	MA65-150/85	MA65-150/85	MA65-150/85	MA65-150/85
	Stainless Steel Ball Valve					
	1" M/F	SKU BVG1	BVG1	BVG1	BVG1	BVG1



Chemical Agents for Protecting Operating Fluids in Heating and Cooling Systems

Q100 – Corrosion Protection of the System



Labelling	Q100 Basic Duo		Q100 Basic Quattro			
	Order Code	Q100B2/01	Q100B2/05	Q100B4/01	Q100B4/05	Q100B4/10
Canister capacity	l	1	5	1	5	10
Dosage		1:200	1:200	1:400	1:400	1:400

- Cathodic-anodic measurable multimetallic corrosion inhibitor designed for basic protection of closed heating and cooling systems. Provides effective protection against corrosion of all metal parts within the system and is suitable for all types of metals, including aluminium.
- With a neutral pH, the inhibitor remains in the system and is not discharged. It is also compatible with glycol-based antifreeze.
- We recommend installing a filter in the system to capture sludge formation, as the absence of a filter can lead to damage to the circulation pump or boiler exchanger. Insufficiently cleaned systems may produce sludge after dosing. The concentration of the inhibitor can be checked using the AVS 100 test kit.

Q700S - System Protection Against Bacterial Growth



Labelling	Q700s		
Order Code	Q700S/01	Q700S/20	
Canister capacity	l	1	20
Dosage		1:300	1:300

- Ultima Q700S is a highly effective broad-spectrum biocidal product. In both new and existing systems, it acts as a protective agent to prevent the growth of bacteria, fungi, and other microorganisms present in the water. It creates an antibacterial environment in underfloor heating systems.
- The product is non-corrosive and non-oxidizing, and it is compatible with glycol-based liquids. It features easy and quick dosing. For permanent system protection, it remains in the system and is not removed.
- When disinfecting, the product must remain in the system for at least 1 hour, with circulation recommended during this time.

Q400 – Cleaning Mixture for the Removal of Sludge, Dirt, and Deposits



Labelling	Q400		
Order Code	Q400/01	Q400/20	
Canister capacity	l	1	20
Basic dosage		1 % of system volume	
Recommended Dosage		1,5 - 3 % of system volume	

- Agent for cleaning sludge and deposits in new and operational systems. It is suitable for the removal of passivating substances in new systems and can also be used to clean glycol impurities in refrigeration and air conditioning systems.
- The agent is compatible with all types of metals, including aluminium. It is applied directly to the system without dilution. The cleaning process requires at least one week, with a recommended duration of 2–6 weeks. Circulation is necessary, and cleaning can be carried out during normal system operation.
- During the cleaning process, we recommend installing a mechanical magnetic filter to remove loose dirt. Without a filter, there is a risk of damage to the circulation pump or boiler exchanger.

Q803R – Cleaning Compound for Removing Corrosion Impurities



Labelling	Q803R			
SKU	Q803R/01	Q803R/05	Q803R/10	
Canister capacity	l	1	5	10

- A highly effective cleaning compound specifically designed to remove corrosive contaminants and deposits from heating and cooling systems, as well as heat/cold exchangers. It restores proper circulation within the system. After cleaning, rinse thoroughly with clean water.
- The compound is suitable for commonly used metals, including aluminium-silicate alloys. It features a neutral pH, requiring no neutralization, and should not be used undiluted. It does not damage glass or plastics.
- During cleaning, the installation of a mechanical magnetic filter is recommended to remove loose dirt. Without a filter, there is a risk of damage to the circulation pump or boiler exchanger.

Type of Cleaning	Dosage	Time
(New system)		
Surface corrosion	1%	1 - 2 hours
(Existing system)		
Mild corrosion	2%	2 days
Advanced corrosion	3%	3 days
	5%	2 days
Severe corrosion	5% - 10%	3 - 5 days

Glycol Antifreeze Mixtures and Water Treatment Units for Filling Heating and Cooling Systems

300P and 500P – Glycol Mixture Based on Monopropylene Glycol (MPG)

Labelling	300P			500P		
SKU	300P/05	300P/10	300P/20	500P/05	500P/10	500P/20
Canister capacity	5	10	20	5	10	20
Dilution ratios	mixture : water		Freezing temperature	mixture : water		Freezing temperature
	1:1		-32°C	1:1		-32°C
	1:1,5		-20°C	1:1,5		-20°C
	1:2		-15°C	1:2		-15°C
	-		-	1:3		-10°C
	-		-	1:4		-7°C

Concentrated antifreeze heat transfer fluid for heating and cooling systems, also suitable for underfloor heating. It contains the measurable corrosion inhibitor of the Ultima Q100 series and the biocidal protection of the Ultima Q700S. The liquid is non-flammable. Lifespan 7-10 years.

300E and 500E - Glycol Mixture Based on Monoethylene Glycol (MEG)

Labelling	300E			500E		
SKU	300E/05	300E/10	300E/20	500E/05	500E/10	500E/20
Canister capacity	5	10	20	5	10	20
Dilution ratios	mixture : water		Freezing temperature	mixture : water		Freezing temperature
	1:1		-34°C	1:1		-34°C
	1:1,5		-23°C	1:1,5		-23°C
	1:2		-17°C	1:2		-17°C
	-		-	1:3		-11°C
	-		-	1:4		-8°C

Concentrated antifreeze heat transfer fluid for heating and cooling systems, also suitable for underfloor heating. It contains the measurable corrosion inhibitor of the Ultima Q100 series and the biocidal protection of the Ultima Q700S. The liquid is non-flammable. Lifespan 7-10 years.

SLP - Glycol Mixture Based on Monopropylene Glycol (MPG), Designed for Solar Systems

SLGX - Glycol Mixture Based on Glycol Oligomers, Designed for Solar Systems

Labelling	SLP			SLGX		
SKU	SLP/05	SLP/10	SLP/20	SLGX/05	SLGX/10	SLGX/20
Canister capacity	5	10	20	5	10	20
Not diluted - direct use	Freezing temperature			Freezing temperature		
	-32°C			-32°C		

Solar antifreeze. Ready-to-use mix. Contains corrosion inhibitor with high temperature resistance. Lifespan 7-10 years.

AVDK - Water Demineralization Treatment Plants (Demi-Units)

Labelling	AVDK 500-DUO		AVDK 1000	
SKU	AVDK-500DUO		AVDK-1000C	
Basic description	Includes a double-sided head for online demin. heating/cooling water during system operation.		It contains a single-sided head with by-pass for setting the exact ratio of demin's mixing. water with raw water using a ball valve on the bypass.	
	Demineralization capacity at input water hardness		Demineralization capacity at input water hardness	
	6°dH	2540 l	6°dH	2540 l
	10°dH	1530 l	10°dH	1530 l
	15°dH	1020 l	15°dH	1020 l
	20°dH	760 l	20°dH	760 l
	25°dH	610 l	25°dH	610 l
Weight empty/full (kg)	3,57 / 11,05		4,55 / 12,03	
Conductivity measurement	at the input / output		at the input / output with circulation	
Capacity of demin. fillings	10		10	
Capacity of demin. Fillings	mixed - mixed ion exchange resin (first-refill included)			
Vessel material	polypropylene			
Connection size	G 3/4"			
Output conductivity	1-5 µs/cm			
Flow rate (recommended)	1 m ³ /hour			
Maximum working pressure/tempera	6 bar / 45 °C			

Labelling	Set of refills	
SKU	ULT/I-P.06	
	30-litre barrel supplied with two bags of replacement filling (mixed ion exchange resins). Once the capacity is exhausted, the used charge is returned to the barrel for disposal, which is included in the price.	

HP BASIC - Heat Pump for Domestic Hot Water Heating, Including an Enamelled Single Coil Cylinder

Designation	Basic 200/1-1,0	Basic 270/1-1,0	Basic 270/2-1,0/0,7	Basic Q 200/1-1,0	Basic Q 270/1-1,0	Basic Q 270/2-1,0/0,7
SKU	1EX 09-353103	1EX 09-355103	1EX 09-355203	1EX 09-353103Q	1EX 09-355103Q	1EX 09-355203Q
Nominal Volume of Enamelled Tank	200	270	270	200	270	270
Anode for Corrosion Prevention	magnesium	magnesium	magnesium	active titanium	active titanium	active titanium
Additional Spiral Heat Exchanger	ks	1	1	1	1	2
Heat Exchanger Surface Area	m ²	1,0	1,0	1,0	1,0	1,0 / 0,7
Max. Domestic Hot Water Temp. (with a heat pump)	°C	55	55	55	55	55
Operating Range (air temperature)	°C	+7 ÷ +40	+7 ÷ +36	+7 ÷ +36	+7 ÷ +36	+7 ÷ +36
COP (A20/W10-55) (PN-EN 16147)		3,6	3,1	3,1	3,6	3,1
COP (A15/W10-55) (PN-EN 16147)		3,3	2,9	2,9	3,3	2,9
Average Heating Output	kW	2	2	2	2	2
Average Heat Pump Power Input	kW	0,47	0,49	0,49	0,47	0,49
Heating Element Power Output	kW	2	2	2	2	2
Total Heating Power (heat pump + heating element)	kW	4	4	4	4	4
Connection Size	coul	1"	1"	1"	1"	1"
Circulation Connection Size	coul	3/4"	3/4"	3/4"	3/4"	3/4"
Maximum Operating Pressure of Tank	Mpa	1	1	1	1	1
Maximum Exchanger Pressure	Mpa	1,6	1,6	1,6	1,6	1,6
Air Duct Diameter	mm	160	160	160	160	160
Maximum Air Duct Length	m	10	10	10	10	10
Nominal Airflow Rate	m ³ /h	435	429	429	435	429
Sound Pressure Level (at a distance of 2m)	dB	45	46	46	45	46
Sound Power Level (EN 12102)	dB	56	57	57	56	57
Dimensions (height x diameter)	mm	1500 x 670	1730 x 670	1730 x 670	1500 x 670	1730 x 670
Weight	kg	120	130	150	120	150
ErP Energy Efficiency Class		A+	A+	A+	A+	A+

*Meets the requirements for energy efficiency class A++

Environmentally Friendly Refrigerant	R513a
Ensures Domestic Hot Water Heating for	Suitable for a family of 3–5 members
Additional Features	Connection to a PV system
*According to Commission Delegated Regulation (EU) No. 812/2013, a heat pump for domestic hot water heating can now have a maximum energy label rating of A+, even if it meets the requirements for a higher class."	

Warranty details are provided in the original manufacturer's warranty card: "Galmet Sp. z o.o. Sp. K."

Control

- Colour control panel with a new intuitive menu.
- Remote control via applications.
- Energy production monitoring.
- Ability to set work schedules for the heat pump and circulation pump.
- Operating modes: Party, Eco, Anti-Legionella, Summer, and Winter.
- Hybrid cooperation with auxiliary sources (gas boiler/heater) - Master mode.







Installation

- Additional heat exchanger and control of the circulation pump for an auxiliary source (central heating boiler/solar collectors).
- Outdoor air temperature sensor integrated into the heat pump.
- Drying and partial air conditioning of the room during device operation.
- 2 kW electric heating element for additional water heating during periods of increased demand for domestic hot water.
- Maximum water temperature: 55°C (65°C with an auxiliary source).
- Extended tank lifespan thanks to DIELECTRIC PROTECTION® anti-corrosion technology.



Basic 200

Basic 270

Basic Equipment – Spare Parts	Basic 200/1-1,0	Basic 270/1-1,0	Basic 270/2-1,0/0,7	Basic Q 200/1-1,0	Basic Q 270/1-1,0	Basic Q 270/2-1,0/0,7	
 GE Electric Heater with Built-in Thermostat 2,0 kW 230 V - 6/4" 370 mm	SKU 41-020011	41-020011	41-020011	41-020011	41-020011	41-020011	
A magnesite (magnesium) anode is used for corrosion protection and requires regular replacement in accordance with warranty conditions							
 Basic 200 (thread 5/4") 2pcs	SKU 40-262500	-	-	-	-	-	
 Basic 270 (thread 5/4") 2pcs	SKU -	40-263800	40-263800	-	-	-	
Maintenance-free active titanium anode, including a power supply unit, for unlimited corrosion protection							
 (thread 5/4")	SKU -	-	-	M-010927	M-010927	M-010927	
Optional Equipment	SKU	Basic 200/1-1,0	Basic 270/1-1,0	Basic 270/2-1,0/0,7	Basic Q 200/1-1,0	Basic Q 270/1-1,0	Basic Q 270/2-1,0/0,7
 Ionic water treatment plant designed to prevent limescale build-up	SKU	-	-	-	-	-	-
 Arago home 1"F	SKU	HO-1"	HO-1"	HO-1"	HO-1"	HO-1"	HO-1"



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