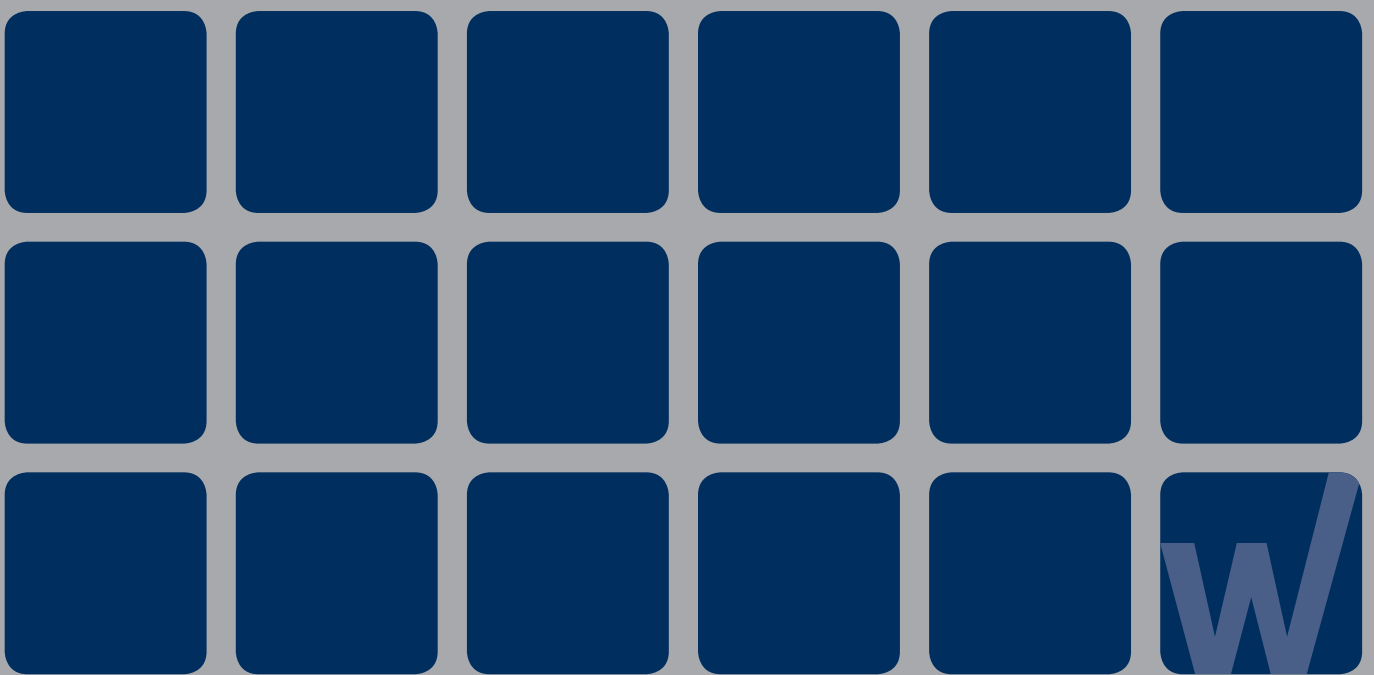




Price list 2014
Valid from 1st of April 2014





DHW storage tanks WBO Uno, Duo, H and WP/SOL (from 800 l)

Page 8-15



- Enamelling in certified quality according to DIN 4753, part 3-6
- Comprehensive protection against corrosion
- New standard design with a plug for electric heater, additional plug, sensor clamp and flange
- 100 mm fleece insulation

Buffer tanks WPS (150 - 500 l)

Page 18



- Enamelling in certified quality according to DIN 4753, part 3-6
- Comprehensive protection against corrosion
- New standard design with 4 connections at an angle of 90°, a plug for electric heater, 2 sensor tubes and flange with all-around sealing
- Entirely demountable 60 mm Neodul-Plus-insulation

Buffer tanks WPS (from 800 l)

Page 19



- Enamelling in certified quality according to DIN 4753, part 3-6
- Comprehensive protection against corrosion
- New standard design with 4 connections at an angle of 90°, a plug for electric heater, sensor clamp and flange
- 100 mm fleece insulation

Buffer tanks WPH (150 - 500 l)

Page 20



- New standard design with 6 or 8 connections at an angle of 90° and 2 sensor tubes
- Entirely demountable 60 mm Neodul-Plus-insulation

Buffer tanks WIKOSOL, WPH, WPR and WPRR (from 800 l)

Page 21-23, 28-31



- New standard design with 8 connections at an angle of 90° and sensor clamp as well as a plug for electric heater for solar tanks
- 1000 l tanks with \varnothing 790 and 850 mm
- 100 mm fleece insulation

Buffer tanks for instant DHW station WPH-FW and WPR-FW (800-1000 l)

Page 24-25

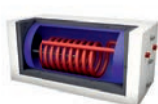


- Basic tank with or without solar HE
- Hydraulically or electronically regulated instant DHW stations (up to 40 l/min)
- Connection and mounting accessories for the installation of the instant DHW station at the tank
- Coupling DHW station for the cascading of 2 hydraulically regulated instant DHW stations



DHW storage tanks

Tank for wall boiler WBO T/TOF	Horizontal storage tank WBL	Storage tank WBO Uno	Solar storage tank WBO Duo
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Page 6	Page 7	Page 8	Page 10
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High performance tank WBO WP/SOL	High performance tank WBO H	Gas boiler GS	Heating central GS
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Page 12	Page 14	Page 16	Page 17
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Buffer tanks

DHW buffer tank WPS	Heating buffer tank WPH	Solar heating buffer tank WPR / WPRR	Buffer tank for DHW stations WPH-FW / WPR-FW
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Page 18	Page 20	Page 22	Page 24
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Combi buffer tanks

Hygienic tank Wikosol Twin Trivalent	Hygienic tank Wikosol (with 1, 2 or with no HE)	Tank-on-Tank WPKR H Twin	Tank-in-Tank WPK-series
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Page 26	Page 28	Page 32	Page 34
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Miscellaneous

Chilled water buffer tank WKS	Hydraulic switch WHW	Safety vessel WVG	
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Page 38	Page 41	Page 41	
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Solar

Flat plate collector Wikosun	Vacuum tube collector Wikosun DF/HP	Solar accessories	Solar packages
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Page 42	Page 47	Page 50	Page 52
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Know-how increases with experience – success increases with quality

At Wikora, both experience and quality have been given highest priority since our company was founded in 1950 – so that today the name Wikora is associated with premium quality products “Made in Germany”.

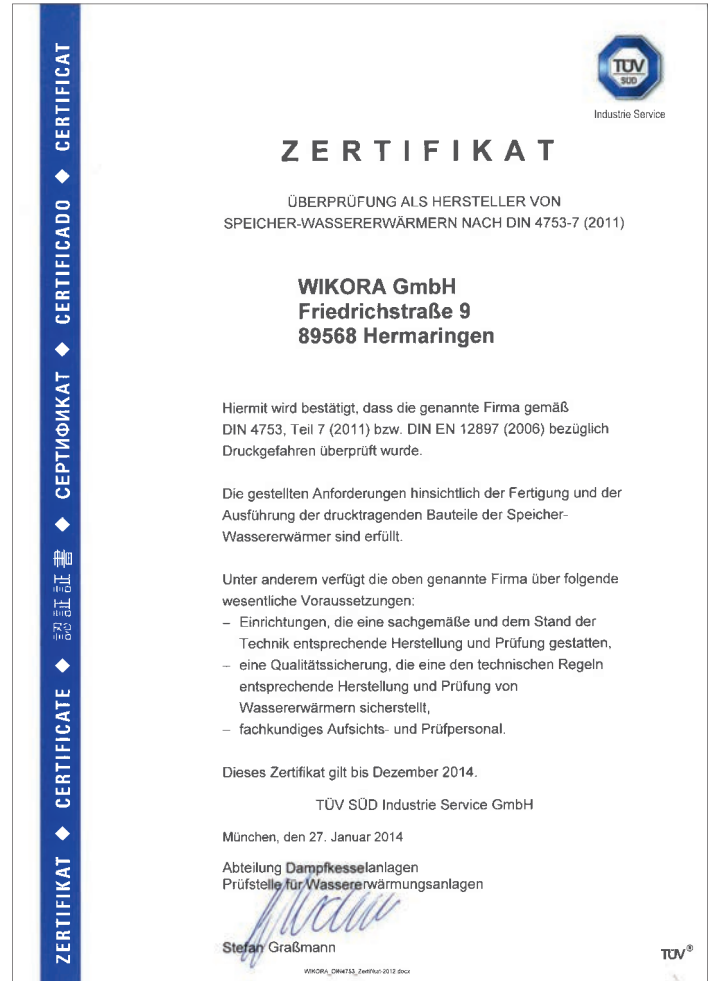
Each stage of production - from development and construction to testing and serial production - takes place on our premises. Individual customer’s requests and purpose-built products can therefore be manufactured at any time. Our qualified staff and our flexibility in tank production, together with experience gained over many years, ensure the prompt and professional execution of customers’ orders.

Wikora – we place great emphasis on quality and reliability.



The name Wikora represents:

- More than 60 years experience in tank production
- Leading technical know-how
- High degree of flexibility
- Production in compliance with current standards
- Extensive quality assurance
- German quality products





Wikora range of storage tanks

Which tank for which application?

Standard tanks	Use			Application							Volume
	DHW	Heating	Cooling	Gas	Oil	Pellets, Wood	HP	DH	Solar	Electr. ¹⁾	
WBO T /TOF	•			•	•	•		•			120, 160 l
WBL	•			•	•	•		•		•	150, 200 l
WBO Uno	•			•	•	•		•		•	120, 150, 200, 300, 400, 500, 800, 1000, 1500, 2000, 3000 l
WBO Duo	•			•	•	•		•	•	•	200, 300, 400, 500, 800, 1000, 1500, 2000, 3000 l
WBO WP/SOL	•			•	•	•	•	•	•	•	300, 400, 500, 800, 1000, 1500 l
WBO H	•			•	•	•	•	•		•	200, 300, 400, 500, 800, 1000, 1500 l
GS	•			•							117, 152, 192 l
Heating Central GS	•			•					•		192 l
Wikosol Twin Trivalent	•	•		•	•	•	•	•	•	•	800 l
Wikosol without HE	•	•		•	•	•		•		•	600, 800, 1000, 1500, 2000 l
Wikosol with HE	•	•		•	•	•		•	•	•	600, 800, 1000, 1500, 2000 l
WPKR H Twin	•	•		•	•	•	•	•	•	•	600, 800, 1000 l
WPKR Twin	•	•		•	•	•		•	•	•	600, 750, 1000 l
WPKR	•	•		•	•	•		•	•	•	750, 1000 l
WPK	•	•		•	•	•		•		•	750, 1000 l
WPH-FW	•	•		•	•	•		•			800, 1000 l
WPR-FW	•	•		•	•	•		•	•		800, 1000 l
WPS	•			•	•	•	•	•		•	150, 200, 300, 400, 500, 800, 1000, 1500, 2000, 3000 l
WPH		•		•	•	•	•	•			150, 200, 300, 400, 500, 600, 800, 1000, 1500, 2000, 3000 l
WPR		•		•	•	•	•	•	•	•	600, 800, 1000, 1500, 2000, 3000 l
WPRR		•		•	•	•	•	•	•	•	600, 800, 1000, 1500, 2000, 3000 l
WKS ²⁾		•	•								200, 300, 400, 500, 750, 1000, 1500, 2000 l
WHW	•	•		•	•	•	•				0,8, 1,7, 4,0, 5,7, 10,5, 14,5, 26, 50, 87, 204 l
WVG									•		10, 20, 30, 50, 75, 100, 150, 200, 250, 300 l

¹⁾ Can be optionally upgraded with an electric heating element or an electric heating flange respectively; ²⁾ can be combined with all cooling generators

Technical changes may be made without notification.

Individual tank solutions

separate price list

Hot water heaters

separate price list



DHW storage tanks

Tank for wall boiler WBO T/WBO TOF

Application

Gas, oil, pellets, district heating

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With one straight-tube heat exchanger, anode, sensor socket, flange at the top and circulation connection
- All connections are located at the top of the tank
- WBO TOF without flange

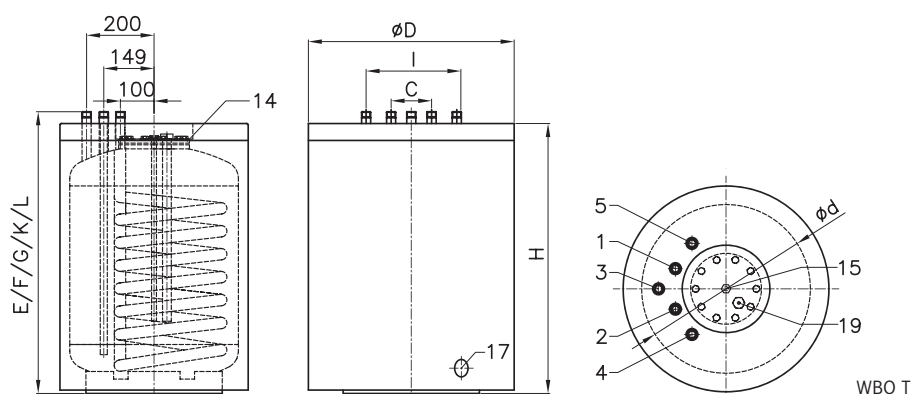
Insulation (white)

PUR-insulation and 5 mm PVC-jacket

5 years warranty



WBO T



Article		WBO 120 T	WBO 160 T	WBO 120 TOF	WBO 160 TOF
Capacity	litre ca.	120	155	120	155
Key performance indicator NL acc. to DIN 4708	N _L	1,9	3,2	1,9	3,2
Performance DHW 80/60/10 °C	l/h (kW)	332 (20)	511 (30)	332 (20)	511 (30)
Max. working temperature DHW/heating	°C	95/130	95/130	95/130	95/130
Max. working pressure DHW/heating	bar	10/16	10/16	10/16	10/16
Capacity of heat exchanger	l	5,7	7,4	5,1	7,4
Surface of heat exchanger	m ²	1,0	1,3	0,8	1,3
Flow rate of heat exchanger	m ³ /h	2,4	2,5	2,4	2,5
Pressure loss of heat exchanger	mbar	75	105	75	105
Insulation	mm	50	55	50	55
Energy loss	kWh/24h	0,9	1,5	0,9	1,5
Dimensions:					
Distance DHW-connections	C	mm	120	120	120
Diameter incl. insulation	D	mm	600	600	600
Height cold water connection	E	mm	835	1030	835
Height hot water connection	F	mm	835	1030	835
Height circulation	G	mm	835	1030	835
Height storage tank	H	mm	800	995	800
Distance boiler inlet/outlet	I	mm	270	270	270
Height aux boiler flow	K	mm	835	1030	835
Height aux boiler return	L	mm	835	1030	835
Connections:					
Cold water/hot water	1/2	Ga	3/4	3/4	3/4
Circulation	3	Ga	3/4	3/4	3/4
Aux boiler flow/return	4/5	Ga	3/4	3/4	3/4
Flange	14	NW	142	142	-
Sensor socket	15	Ø mm	12,5	12,5	12,5
Drain	17	Gi	1/2	1/2	1/2
Anode	19	Gi	1	1	1
Weight (empty)		kg	66	75	66
Part No. (white)			55125000110	55165000110	55121000110
Gross price	Euro		709,-	778,-	607,-

Ga = male thread, Gi = female thread

Accessories	Part No.	Euro
External current anode Correx-up G1 incl. potentiostat	400318	179,-
Sensor clip (Omega)	400052	5,-
Controller box with temperature controller 230 V/24 V	400201	147,-

Horizontal tank WBL

Application

Gas, oil, pellets, district heating

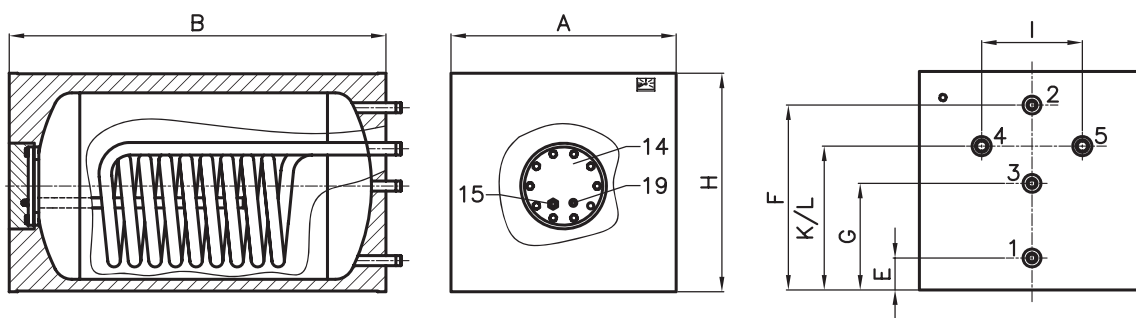
Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With one straight-tube heat exchanger, anode, sensor socket, thermometer and flange
- All connections are located on the backside of the tank
- Can be optionally upgraded with an electric heating flange
- Max. weight to be placed on the tank: 280 kg

Insulation (white, silver)

PUR-insulation and lacquered steel sheet cubic cover

5 years warranty



Article		WBL 150	WBL 200
Capacity	litre	150	200
Key performance indicator NL acc. to DIN 4708	N _L	2,8	3,8
Performance DHW 80/60/10 °C	l/h (kW)	376 (22)	447 (26)
Max. working temperature DHW/heating	°C	95/130	95/130
Max. working pressure DHW/heating	bar	10/16	10/16
Capacity of heat exchanger	l	5,0	6,1
Surface of heat exchanger	m ²	0,92	1,12
Flow rate of heat exchanger	m ³ /h	2,3	2,4
Pressure loss of heat exchanger	mbar	80	108
Energy loss	kWh/24h	1,0	1,19
Dimensions:			
Width/depth	A/B mm	600/1010	600/1268
Height cold water connection	E mm	80	80
Height hot water connection	F mm	490	490
Height circulation	G mm	280	280
Height storage tank	H mm	580	580
Distance boiler inlet/outlet	I mm	270	270
Height aux boiler flow	K mm	380	380
Height aux boiler return	L mm	380	380
Connections:			
Cold water/hot water	1/2 Ga	3/4	3/4
Circulation	3 Ga	3/4	3/4
Aux boiler flow/return	4/5 Ga	1	1
Flange	14 NW	142	142
Sensor socket	15 Ø mm	12,5	12,5
Anode	19 M	8	8
Weight (empty)	kg	124	155
Part No. (white)		47150000110	47201000110
Part No. (silver)		47150000182	47200000182
Gross price	Euro	967,-	1093,-

Ga = male thread, Gi = female thread

Accessories	Part No.	Euro
Kit electric back-up heater 1-6 kW, 230 V/400 V	400499	473,-
External current anode Correx-up M8x400 incl. potentiostat	400030	174,-
Sensor clip (Omega)	400052	5,-



DHW storage tanks

Storage tank WBO Uno

Application

Gas, oil, pellets, district heating

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With one straight-tube heat exchanger, anode, sensor gauge, thermometer and flange. From 150 l with a plug for electric heater
- Can be optionally upgraded with an electric heating element or an electric heating flange respectively

Insulation (white, silver)

55 mm PUR-insulation and 5 mm PVC-jacket (120 l)

60 mm Neodul-Plus-insulation (150 up to 500 l)

100 mm fleece insulation (from 800 l)

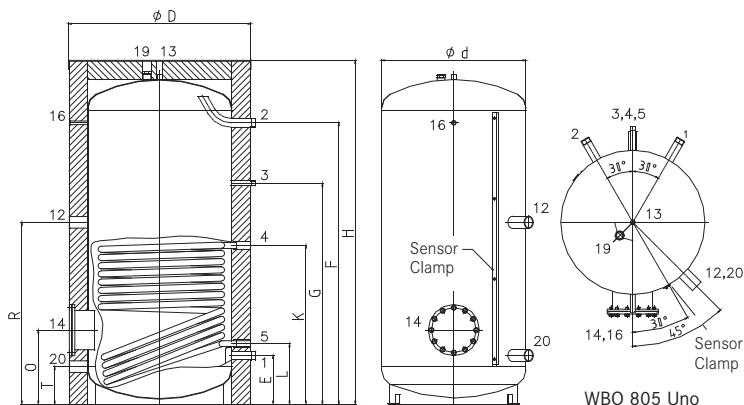
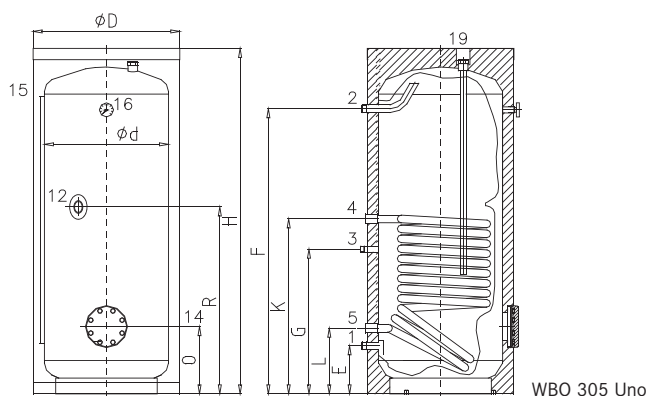


WBO 305 Uno

5 years warranty

Article		WBO 120 Uno	WBO 155 Uno	WBO 205 Uno	WBO 305 Uno	WBO 405 Uno	WBO 505 Uno
Capacity	litre ca.	116	145	194	293	398	492
Key performance indicator N _L acc. to DIN 4708	N _L	1,8	2,9	4	9,1	13,8	18,9
Performance DHW 80/60/10 °C	l/h (kW)	295 (17)	332 (19)	332 (19)	560 (32)	600 (35)	750 (44)
Max. working temperature DHW/heating	°C	95/130	95/130	95/130	95/130	95/130	95/130
Max. working pressure DHW/heating	bar	10/16	10/16	10/16	10/16	10/16	10/16
Capacity of heat exchanger	l	4,7	5,2	5,2	8,6	10,5	13,7
Surface of heat exchanger	m ²	0,7	0,8	0,8	1,45	1,6	2,1
Flow rate of heat exchanger	m ³ /h	2,0	2,37	2,37	2,4	2,5	2,5
Pressure loss of heat exchanger	mbar	68	30	33	48	60	78
Insulation	mm	50-PUR	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus
Energy loss	kWh/24h	1,2	1,8	2,1	2,6	3,0	3,2
Dimensions:							
Diameter incl. insulation	D mm	520	610	610	610	710	710
Diameter tank	d mm	-	500	500	500	600	600
Height cold water connection	E mm	120	215	215	215	250	250
Height hot water connection	F mm	879	668	912	1422	1420	1680
Height circulation	G mm	460	465	547	758	670	802
Height storage tank	H mm	1009	970	1215	1740	1730	1990
Tilting dimension	W mm	-	1150	1360	1750	1800	1958
Height aux boiler flow	K mm	577	565	649	858	770	902
Height aux boiler return	L mm	120	248	248	243	330	330
Height flange	O mm	317	290	290	290	335	335
Height plug for electric heater	R mm	-	612	703	905	822	951
Height sensor socket 1	X1 mm	372	-	-	-	-	-
Connections:							
Cold water/hot water	1/2 Ga	3/4	1	1	1	1	1
Circulation	3 Ga	3/4	3/4	3/4	3/4	3/4	3/4
Aux boiler flow/return	4/5 Gi	1	1	1	1	1	1
Plug for electric heater	12 Gi	-	6/4	6/4	6/4	6/4	6/4
Flange	14 NW	100	116	116	116	116	116
Sensor socket	15 ∅ mm	12,5	-	-	-	-	-
Sensor tubes	15 ∅ mm	-	10	10	10	10	10
Thermometer (socket)	16 Gi	1/2	•	•	•	•	•
Anode	19 Gi	3/4	5/4	5/4	5/4	5/4	5/4
Weight (empty)	kg	60	60	71	93	151	178
Part No. (white)		55120000110	55155000191	55210000191	55310000191	55410000191	55510000191
Part No. (silver)		55120000182	55155000192	55210000192	55310000192	55410000192	55510000192
Gross price	Euro	683,-	738,-	789,-	936,-	1194,-	1321,-

Ga = male thread, Gi = female thread



Article		WBO 805 Uno ¹⁾	WBO 1005 Uno ¹⁾	WBO 1505 Uno ¹⁾	WBO 2005 Uno ¹⁾	WBO 3005 Uno ¹⁾
Capacity	litre ca.	804	961	1482	2034	2938
Key performance indicator N _i acc. to DIN 4708	N _i	24	30	42	65	-
Performance DHW 80/60/10 °C	l/h (kW)	915 (53)	989 (58)	1145 (67)	1350 (78)	1564 (91)
Max. working temperature DHW/heating	°C	95/130	95/130	95/110	95/110	95/110
Max. working pressure DHW/heating	bar	10/16	10/16	6/10	6/10	6/10
Capacity of heat exchanger	l	17,7	19,8	30,6	37,8	50,5
Surface of heat exchanger	m ²	2,7	3,0	3,7	4,7	6,0
Flow rate of heat exchanger	m ³ /h	2,4	2,4	2,4	2,4	2,4
Pressure loss of heat exchanger	mbar	143	158	50	59	68
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece
Energy loss	kWh/24h	3,9	4,4	4,9	5,0	-
Dimensions:						
Diameter incl. insulation	D mm	990	990	1200	1400	1450
Diameter tank	d mm	790	790	1000	1200	1250
Height cold water connection	E mm	266	266	350	395	395
Height hot water connection	F mm	1540	1855	1730	1625	2220
Height circulation	G mm	1209	1446	1315	1345	1740
Height storage tank	H mm	1880	2195	2150	2090	2680
Tilting dimension	W mm	1891	2227	2232	2237	2775
Height aux boiler flow	K mm	870	915	1110	1088	1338
Height aux boiler return	L mm	330	330	395	450	468
Height flange	O mm	405	405	440	500	495
Height plug for electric heater	R mm	995	1135	1150	1150	1505
Additional connection	T mm	266	266	350	395	395
Connections:						
Cold water/hot water	1/2 Ga	6/4	6/4	2	2	2
Circulation	3 Ga	3/4	3/4	1	1	1
Aux boiler flow/return	4/5 Gi	1	1	5/4	2	2
Plug for electric heater	12 Gi	2	2	2	2	2
Flange	14 NW	205	205	205	205	205
Sensor clamp		•	•	•	•	•
Thermometer	16	•	•	•	•	•
Anode	19 Gi	5/4	5/4	5/4	5/4	5/4
Additional connection	20 Gi	2	2	2	2	2
Weight (empty)	kg	263	290	353	454	564
Part No. (white)		55810000195	55101000195	55151000195	55201000195	55301000195
Part No. (silver)		55810000196	55101000196	55151000196	55201000196	55301000196
Gross price	Euro	2626,-	3285,-	4233,-	5162,-	6118,-

¹⁾ Available from 05/2014

Ga = male thread, Gi = female thread

Accessories	120	155-205	305	405-505	805-3005	Part No.	Euro
Mounting temperature controller with immersion sleeve R 1/2"	•					400304	33,-
Mounting temperature controller with limiter and immersion sleeve R 1/2"	•					400305	50,-
External current anode Correx-up R3/4 x 400 with potentiostat	•					039788	174,-
External current anode Correx-up with red. piece 1 1/4 - 3/4 x 400 with potentiostat		•	•			39789	184,-
External current anode Correx-up G 1 1/4" x 830 with potentiostat					•	400170	211,-
Electric back-up heater 2-6 kW, 230/400 V, G 1 1/2" x 500 ET with controller and limiter			•	•		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	•	•	•	•		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter					•	403011	362,-
Electric heating flange 3/4/6 kW, 230/400V for flange Ø 180		•	•	•		400489	555,-
Electric heating flange 9/18 kW, 400V for flange Ø 280					•	400488	833,-
Flange cover Ø 170, enamelled with plug for electric heater Rp 1 1/2", flange cap, seal and screws	•					400006	78,-
Seal and rosettes for electric heater		•	•	•		09588	21,-
Sensor clip (Omega) for immersion sleeve Ø12,5	•					400052	5,-
Knuckle feet M 10 (set of 3 pieces)		•	•	•		400433	10,-
Controller box with temperature controller 230 V	•	•	•	•	•	400201	147,-

Solar storage tank WBO Duo

Application

Gas, oil, pellets, district heating, solar

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With two straight-tube heat exchangers, anode, sensor gauge, thermometer, plug for electric heater and flange
- Can be optionally upgraded with an electric heating element or an electric heating flange respectively

Insulation (white, silver)

60 mm Neodul-Plus-insulation (up to 500 l)

100 mm fleece insulation (from 800 l)

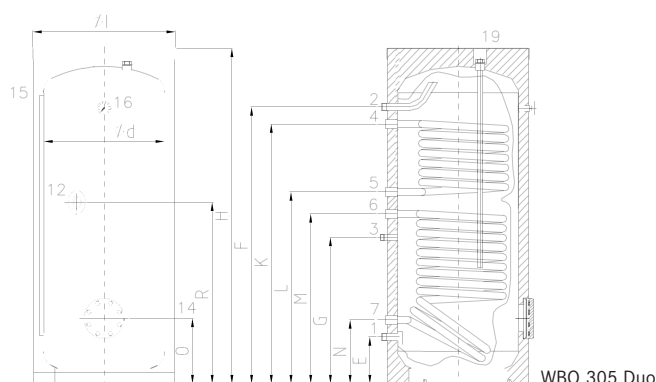


WBO 305 Duo

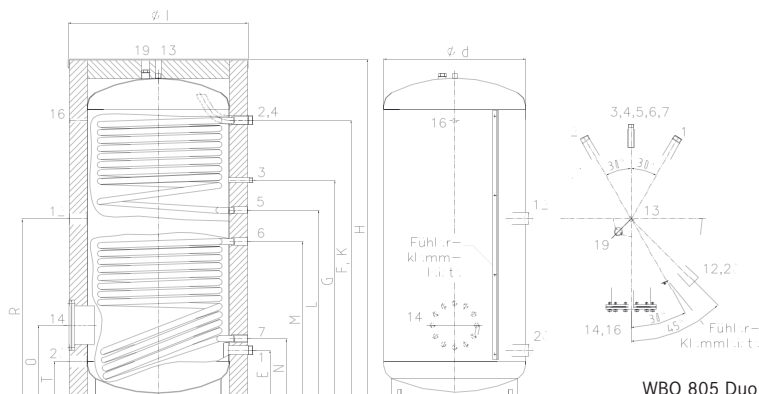
5 years warranty

Article	WBO 205 Duo		WBO 305 Duo		WBO 405 Duo		WBO 505 Duo		
		HE lower	HE upper	HE lower	HE upper	HE lower	HE upper	HE lower	HE upper
Capacity	litre ca.	190		285		392		481	
Key performance indicator N_L acc. to DIN 4708	N_L	4	0,8	9,1	3,2	13,8	4,1	18,9	5,5
Performance DHW 80/60/10°C	l/h (kW)	332 (19)	216 (13)	560 (32)	350 (21)	600 (35)	370 (22)	750 (44)	510 (30)
Max. working temperature DHW/heating	°C	95/130		95/130		95/130		95/130	
Max. working pressure DHW/heating	bar	10/16		10/16		10/16		10/16	
Capacity of heat exchanger lower/upper	l	5,2	3,3	8,6	5,7	10,5	5,9	13,7	8,5
Surface of heat exchanger lower/upper	m ²	0,8	0,5	1,45	0,85	1,60	0,9	2,1	1,3
Flow rate of heat exchanger lower/upper	m ³ /h	2,37	2,4	2,4	2,4	2,5	2,5	2,5	2,5
Pressure loss of heat exchanger lower/upper	mbar	33	20	48	42	60	35	78	53
Insulation	mm	60-Neodul-Plus		60-Neodul-Plus		60-Neodul-Plus		60-Neodul-Plus	
Energy loss	kWh/24h	2,1		2,5		3,0		3,2	
Dimensions:									
Diameter incl. insulation	D	mm	610		610		710		710
Diameter tank	d	mm	500		500		600		600
Height cold water connection	E	mm	215		215		250		250
Height hot water connection	F	mm	912		1422		1420		1680
Height circulation	G	mm	547		758		670		802
Height storage tank	H	mm	1215		1740		1730		1990
Tilting dimension	W	mm	1360		1750		1800		1958
Height aux boiler flow	K	mm	912		1397		1398		1680
Height aux boiler return	L	mm	732		958		870		1010
Height solar flow	M	mm	649		858		770		902
Height solar return	N	mm	248		243		330		330
Height flange	O	mm	290		290		335		335
Height plug for electric heater	R	mm	703		905		822		951
Connections:									
Cold water/hot water	1/2	Ga	1		1		1		1
Circulation	3	Ga	3/4		3/4		3/4		3/4
Aux boiler flow/return	4/5	Gi	-	1	-	1	-	1	-
Solar flow/return	6/7	Gi	1	-	1	-	1	-	1
Plug for electric heater	12	Gi	6/4		6/4		6/4		6/4
Flange	14	NW	116		116		116		116
Sensor tubes	15	∅ mm	10		10		10		10
Thermometer	16		•		•		•		•
Anode	19	Gi	5/4		5/4		5/4		5/4
Weight (empty)		kg	82		105		172		202
Part No. (white)			55212000191		55312000191		55412000191		55512000191
Part No. (silver)			55212000192		55312000192		55412000192		55512000192
Gross price	Euro		888,-		1024,-		1209,-		1452,-

Ga = male thread, Gi = female thread



WBO 305 Duo



WBO 805 Duo

Article	WBO 805 Duo ¹⁾		WBO 1005 Duo ¹⁾		WBO 1505 Duo ¹⁾		WBO 2005 Duo ¹⁾		WBO 3005 Duo ¹⁾			
	HE lower	HE upper	HE lower	HE upper	HE lower	HE upper	HE lower	HE upper	HE lower	HE upper		
Capacity	litre ca.		787	944	944	1460	2011	2894				
Key performance indicator N _L acc. to DIN 4708	N _L		24	9	30	13	42	17	65	21		
Performance DHW 80/60/10°C	l/h (kW)		915 (53)	728 (42)	989 (58)	728 (42)	1145 (67)	728 (48)	1350 (78)	758 (44)	1564 (91)	1019 (59)
Max. working temperature DHW/heating	°C		95/130/130	95/130/130	95/130/130	95/110/110	95/110/110	95/110/110	95/110/110	95/110/110	95/110/110	
Max. working pressure DHW/heating	bar		10/16/16	10/16/16	10/16/16	6/10/10	6/10/10	6/10/10	6/10/10	6/10/10	6/10/10	
Capacity of heat exchanger lower/upper	l		17,7	13,3	19,8	13,3	30,6	16,7	37,8	17,6	50,5	33,5
Surface of heat exchanger lower/upper	m ²		2,7	2,0	3,0	2,0	3,7	2,0	4,7	2,1	6,0	4,0
Flow rate of heat exchanger lower/upper	m ³ /h		2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
Pressure loss of heat exchanger lower/upper	mbar		143	108	158	108	50	27	59	24	68	45
Insulation	mm		100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece
Energy loss	kWh/24h		3,9	4,4	4,9	5,0						
Dimensions:												
Diameter incl. insulation	D	mm	990	990	1200	1400	1450					
Diameter tank	d	mm	790	790	1000	1200	1250					
Height cold water connection	E	mm	266	266	350	395	395					
Height hot water connection	F	mm	1540	1855	1730	1625	2220					
Height circulation	G	mm	1209	1446	1315	1345	1740					
Height storage tank	H	mm	1880	2195	2150	2090	2680					
Tilting dimension	W	mm	1891	2227	2232	2237	2775					
Height aux boiler flow	K	mm	1540	1855	1605	1535	2220					
Height aux boiler return	L	mm	1044	1185	1215	1248	1640					
Height solar flow	M	mm	870	915	1110	1088	1338					
Height solar return	N	mm	330	330	395	450	468					
Height flange	O	mm	405	405	440	500	495					
Height plug for electric heater	R	mm	995	1135	1150	1150	1505					
Additional connection	T	mm	266	266	350	395	395					
Connections:												
Cold water/hot water	1/2	Ga	6/4	6/4	2	2	2					
Circulation	3	Ga	3/4	3/4	1	1	1					
Aux boiler flow/return	4/5	Gi	1	1	5/4	2	2					
Solar flow/return	6/7	Gi	1	1	5/4	2	2					
Plug for electric heater	12	Gi	2	2	2	2	2					
Flange	14	NW	205	205	205	205	205					
Sensor clamp	15		•	•	•	•	•					
Thermometer	16		•	•	•	•	•					
Anode	19	Gi	5/4	5/4	5/4	5/4	5/4					
Additional connection	2	Gi	2	2	2	2	2					
Weight (empty)	kg		294	322	394	496	646					
Part No. (white)			55812000195	55101200195	55151200195	55201200195	55301200195					
Part No. (silver)			55812000196	55101200196	55151200196	55201200196	55301200196					
Gross price	Euro		2820,-	3575,-	4866,-	5988,-	7186,-					

¹⁾ Available from 05/2014

Ga = male thread, Gi = female thread

Accessories	205	305-505	805-3005	Part No.	Euro
External current anode Correx-up with red. piece 1 1/4 - 3/4 x 400 with potentiostat	•			39789	184,-
External current anode Correx-up G 1 1/4" x 830 with potentiostat		•	•	400170	211,-
Electric back-up heater 2-6 kW, 230/400 V, G 1 1/2" x 500 ET with controller and limiter		•		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	•	•		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter			•	403011	362,-
Electric heating flange 3/4/6 kW, 230/400V for flange Ø 180	•	•		400489	555,-
Electric heating flange 9/18 kW, 400V for flange Ø 280			•	400488	833,-
Seal and rosettes for electric heater	•	•		09588	21,-
Knuckle feet M 10 (set of 3 pieces)	•	•		400433	10,-
Controller box with temperature controller 230 V	•	•	•	400201	147,-



DHW storage tanks

High performance tank WP/SOL

Application

Gas, oil, pellets, district heating, heat pump, solar

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With one double helix heat exchanger in the upper section, one straight-tube heat exchanger in the lower section, anode, sensor gauge, thermometer, plug for electric heater and flange
- Can be optionally upgraded with an electric heating element or an electric heating flange respectively

Insulation (white, silver)

60 mm Neodul-Plus-insulation (up to 500 l)

100 mm fleece insulation (from 800 l)



WP/SOL 305

5 years warranty

Article		WBO 305 WP/SOL	WBO 405 WP/SOL	WBO 505 WP/SOL
Capacity	litre ca	275	375	458
Key performance indicator N_L acc. to DIN 4708, VL 80° (lower/upper)	N_L	9,1/4,5	13,8/6,8	18,9/10
Key performance indicator N_L acc. to DIN 4708, VL 50° (upper)	N_L	1,6	2,4	2,8
Continuous output hot water 80/60/10°C (HE lower)	l/h (kW)	560 (32)	600 (35)	750 (44)
Continuous output hot water 80/60/10°C (HE upper)	l/h (kW)	844 (49)	990 (58)	1190 (69)
Max. working temperature DHW/HE lower/HE upper	°C	95/160/110	95/160/110	95/160/110
Max. working pressure DHW/HE lower/HE upper	bar	10/10/10	10/10/10	10/10/10
Capacity of heat exchanger lower/upper	litre	8,6/13,5	10,5/19,6	13,7/25,5
Surface of heat exchanger lower/upper	m ²	1,45/2,1	1,6/3,0	2,1/3,9
Flow rate of heat exchanger HE lower/upper	m ³ /h	2,4/2,4	2,5/2,5	2,5/2,5
Pressure loss HE lower/upper	mbar	48/13	60/20	78/18
Insulation	mm	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus
Energy loss	kWh/24h	2,5	3,0	3,2
Dimensions:				
Diameter incl. insulation	D mm	610	710	710
Diameter tank	d mm	500	600	600
Height cold water connection	E mm	215	250	250
Height hot water connection	F mm	1422	1420	1680
Height circulation	G mm	758	670	802
Height storage tank	H mm	1740	1730	1990
Tilting dimension	W mm	1750	1800	1958
Height aux boiler flow	K mm	1397	1398	1680
Height aux boiler return	L mm	958	870	1010
Height solar flow	M mm	858	770	902
Height solar return	N mm	243	330	330
Height flange	O mm	290	335	335
Height plug for electric heater	R mm	905	822	951
Connections:				
Cold water/hot water	1/2 Ga	1	1	1
Circulation	3 Ga	3/4	3/4	3/4
Aux boiler flow/return	4/5 Gi	5/4	5/4	5/4
Solar flow/return	6/7 Gi	1	1	1
Plug for electric heater	12 Gi	6/4	6/4	6/4
Flange	14 NW	116	116	116
Sensor tubes	15 ∅ mm	10	10	10
Thermometer	16	•	•	•
Anode	19 Gi	5/4	5/4	5/4
Weight (empty)	kg	131	205	250
Part No. (white)		55316000191	55416000191	55516000191
Part No. (silver)		55316000192	55416000192	55516000192
Gross price	Euro	1487,-	1825,-	1989,-

Ga = male thread, Gi = female thread



DHW storage tanks

High performance tank WBO H

Application

Gas, oil, pellets, district heating, heat pump

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With one double helix heat exchanger, anode, sensor gauge, thermometer, plug for electric heater and flange
- Can be optionally upgraded with an electric heating element or an electric heating flange respectively

Insulation (white, silver)

60 mm Neodul-Plus-insulation (up to 500 L)

100 mm fleece insulation (from 800 L)

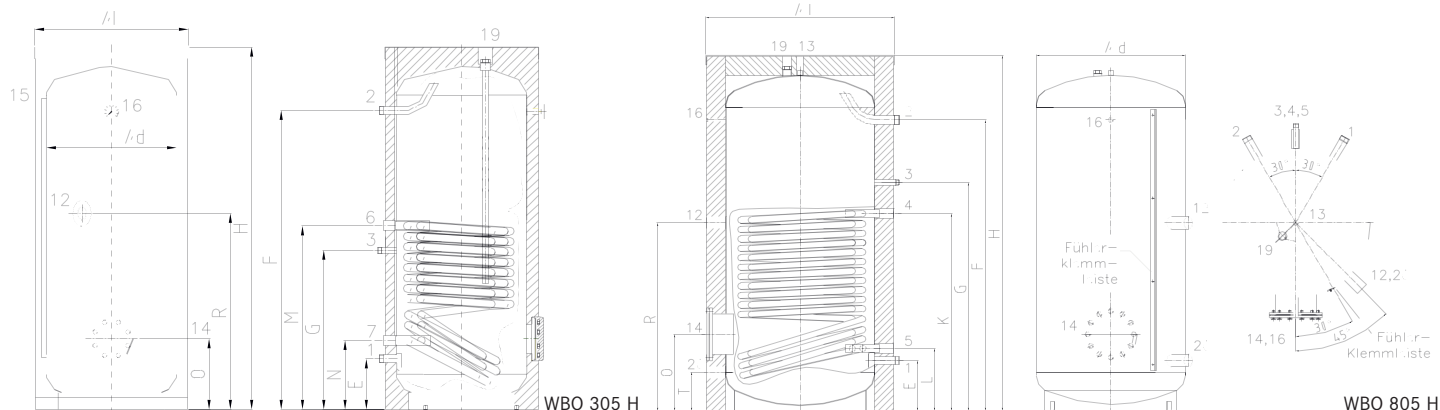


WBO 305 H

5 years warranty

Article		WBO 205 H	WBO 305 H	WBO 405 H	WBO 505 H	
Capacity	litre ca.	185	278	387	467	
Key performance indicator N_L acc. to DIN 4708, VL 80°	N_L	5,1	12,2	17,1	21,7	
Key performance indicator N_L acc. to DIN 4708, VL 50°	N_L	1,2	2,3	3,6	5,7	
Performance DHW 80/60/10 °C	l/h (kW)	698 (40,6)	1070 (62)	1390 (81)	1390 (81)	
Max. working temperature DHW/heating	°C	95/110	95/110	95/110	95/110	
Max. working pressure DHW/heating	bar	10/10	10/10	10/10	10/10	
Capacity of heat exchanger	l	12,4	19,5	32,7	32,7	
Surface of heat exchanger	m ²	1,9	3,0	5,0	5,0	
Flow rate of heat exchanger	m ³ /h	2,4	2,4	2,5	2,5	
Pressure loss of heat exchanger	mbar	23	22	26	26	
Insulation	mm	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus	60-Neodul-Plus	
Energy loss	kWh/24h	2,1	2,5	3,0	3,2	
Dimensions:						
Diameter incl. insulation	D	mm	610	610	710	710
Diameter tank	d	mm	500	500	600	600
Height cold water connection	E	mm	215	215	250	250
Height hot water connection	F	mm	912	1422	1420	1680
Height circulation	G	mm	547	758	998	998
Height storage tank	H	mm	1215	1740	1730	1990
Tilting dimension	W	mm	1360	1750	1800	1958
Height aux boiler flow	K	mm	649	858	1098	1098
Height aux boiler return	L	mm	248	243	285	285
Height flange	O	mm	290	290	335	335
Height plug for electric heater	R	mm	703	905	1155	1164
Connections:						
Cold water/hot water	1/2	Ga	1	1	1	1
Circulation	3	Ga	3/4	3/4	3/4	3/4
Aux boiler flow/return	4/5	Gi	5/4	5/4	5/4	5/4
Plug for electric heater	12	Gi	6/4	6/4	6/4	6/4
Flange	14	NW	116	116	116	116
Sensor tubes	15	∅ mm	10	10	10	10
Thermometer	16		•	•	•	•
Anode	19	Gi	5/4	5/4	5/4	5/4
Weight (empty)		kg	84	122	212	239
Part No. (white)			55219000191	55319000191	55419000191	55519000191
Part No. (silver)			55219000192	55319000192	55419000192	55519000192
Gross price		Euro	1159,-	1364,-	1579,-	1825,-

Ga = male thread, Gi = female thread



Article		WBO 805 H ¹⁾	WBO 1005 H ¹⁾	WBO 1505 H ¹⁾
Capacity	litre ca.	775	924	1423
Key performance indicator N_L acc. to DIN 4708, VL 80°	N_L	35	42	64
Key performance indicator N_L acc. to DIN 4708, VL 50°	N_L	6,4	7,9	11
Performance DHW 80/60/10 °C	l/h (kW)	1564 (91)	1703 (99)	1934 (112)
Max. working temperature DHW/heating	°C	95/110	95/110	95/110
Max. working pressure DHW/heating	bar	10/16	10/16	6/10
Capacity of heat exchanger	l	37,0	47,5	75,5
Surface of heat exchanger	m ²	6,0	7,0	9,0
Flow rate of heat exchanger	m ³ /h	2,4	2,4	2,4
Pressure loss of heat exchanger	mbar	146	198	105
Insulation	mm	100-fleece	100-fleece	100-fleece
Energy loss	kWh/24h	3,9	4,4	4,9
Dimensions:				
Diameter incl. insulation	D	mm 990	990	1200
Diameter tank	d	mm 790	790	1000
Height cold water connection	E	mm 266	266	350
Height hot water connection	F	mm 1540	1855	1730
Height circulation	G	mm 1244	1446	1220
Height storage tank	H	mm 1880	2195	2150
Tilting dimension	W	mm 1891	2227	2232
Height aux boiler flow	K	mm 1094	1289	1370
Height aux boiler return	L	mm 330	330	395
Height flange	O	mm 405	405	440
Height plug for electric heater	R	mm 1165	1360	1436
Additional connection	T	mm 266	266	350
Connections:				
Cold water/hot water	1/2	Ga 6/4	6/4	2
Circulation	3	Ga 3/4	3/4	1
Aux boiler flow/return	4/5	Gi 5/4	5/4	2
Plug for electric heater	12	Gi 2	2	2
Flange	14	NW 205	205	205
Sensor clamp	15	•	•	•
Thermometer	16	•	•	•
Anode	19	Gi 5/4	5/4	5/4
Additional connection	20	Gi 2	2	2
Weight (empty)		kg 304	351	446
Part No. (white)		558 19000 195	5510 1900 195	55 151900 195
Part No. (silver)		558 19000 196	5510 1900 196	55 151900 196
Gross price	Euro	3055,-	4161,-	5822,-

¹⁾ Available from 05/2014

Ga = male thread, Gi = female thread

Accessories	205	305-505	805-1505	Part No.	Euro
External current anode Correx-up G 1 1/4" x 830 with potentiostat		●	●	400170	211,-
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter		●		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	●	●		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter			●	403011	362,-
Electric heating flange 3/4/6 kW, 230/400V for flange Ø 180	●	●		400489	362,-
Electric heating flange 9/18 kW, 400V for flange Ø 280			●	400488	833,-
Seal and rosettes for electric heater	●	●		09588	21,-
Knuckle feet M 10 (set of 3 pieces)	●	●		400433	10,-
Controller box with temperature controller 230 V	●	●	●	400201	147,-

Gas boiler GS

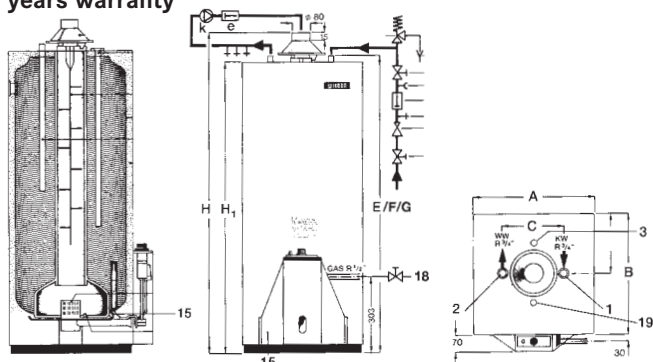
Application

Gas

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- Heating water is via atmospheric burner
- With push-button control and piezo electric ignition, thermoelectric safety pilot, safety temperature controller and limiter
- All appliances are available for natural gas group E, LL and propane
- Colour white, further colours on demand

5 years warranty



Article		GS 117 E	GS 152 E	GS 192 E
Produkt-ID.-No.		CE-0085	AP 0789	AP 0790
Capacity	litre ca.	115	150	190
Max. working pressure	bar	10	10	10
Output	kW	7,12	8,12	9,18
Input	kW	8,0	9,1	10,2
Flue gas temperature	°C	155	171	171
Flue gas volume	kg/h	18,3	19,7	21,5
Flue draft requirement	mbar	0,04	0,04	0,04
CO ₂ -by volume	%	6,4	6,8	7,0
Time to recover from 10 °C to 60 °C	ca. min.	52	61	67
Energy loss	kWh/24h	4,08	4,85	5,04
Continuous output DHW of 45 °C	l/h	175	200	226
Hot water starting efficiency	ca. l/10 min	160	205	260
Gas consumption:				
Natural gas group E H _{UB}	9,4 kWh/m ³	m ³ /h	0,85	0,97
Natural gas group LL H _{UB}	8,5 kWh/m ³	m ³ /h	0,94	1,07
Liquid gas (propane) H _{UB}	12,8 kWh/kg	kg/h	0,63	0,71
Key performance indicator (70 °C)	N _L		1,7	2,7
Width/depth	A/B	mm	480	480
Distance DHW-connections	C	mm	224	224
Height cold water and hot water connection	E/F	mm	1140	1396
Height circulation	G	mm	1140	1396
Height boiler	H	mm	1208	1464
Height without draught diverter	H1	mm	1100	1356
Height gas connection		mm	303	303
Diameter flue gas pipe		mm	80	80
Connections:				
Cold water/hot water	1/2	Ga	3/4	3/4
Circulation	3	Ga	3/4	3/4
Drain	17	Gi	1/2	1/2
Gas connection	18	Gi	1/2	1/2
Anode	19	Gi	3/4	3/4
Weight (empty)		kg	65	80
Part No. Natural gas group E (white)			94 12 1040 110	9452 1040 110
Part No. Natural gas group LL (white)			94 12 3040 110	9452 3040 110
Part No. Liquid gas (white)			94 13 2040 110	9453 2040 110
Gross price	Euro		974,-	1064,-

Please indicate country of destination.

Ga = male thread, Gi = female thread

Accessories	Part No.	Euro
External current anode Correx-up R3/4 x 400 with Potentiostat	039788	174,-
Thermal flue gas damper HOK 80 W	090062	91,-
Circulation kit GS 117	095090	25,-
Circulation kit GS 152	096090	25,-
Circulation kit GS 192	097090	25,-



Heating central GS 192 E

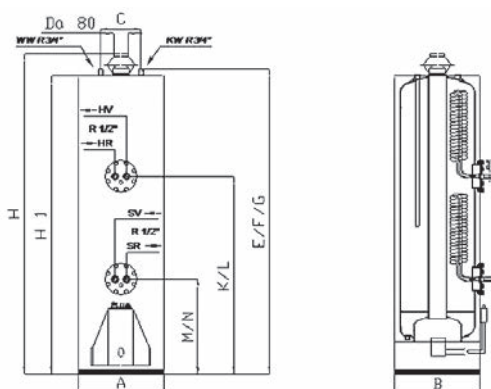
Application

Gas, solar

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- Heating water is via atmospheric burner
- With push-button control and piezo electric ignition, thermoelectric safety pilot, safety temperature controller and limiter
- With one or two heat exchangers respectively for a heating capacity of up to 7 kW or solar installation
- All appliances are available for natural gas group E, LL and propane
- Colour white

5 years warranty



Article		GS 192 E 1WT	GS 192 E 2WT
Capacity	litre ca.	190	190
Surface of heat exchanger lower/upper	m ²	-/0,92	0,92/0,92
Max. working pressure DHW/heating	bar	10/3	10/3
Output	kW	9,18	9,18
Input	kW	10,2	10,2
Flue gas temperature	°C	171	171
Flue gas volume	kg/h	21,5	21,5
Flue draft requirement	mbar	0,04	0,04
CO ₂ -by volume	%	7,0	7,0
Flue draft requirement minimal	mbar	0,04	0,04
Time to recover from 10 °C to 60 °C	min	ca. 67	ca. 67
Energy loss	kwh/24h	5,04	5,04
Continuous output DHW of 45 °C	l/N	226	226
Hot water starting efficiency	l/10 min	ca. 266	ca. 266
Gas consumption:			
Natural gas group E HuB 9,4 kWh/m ³	m ³ /h	1,09	1,09
Natural gas group LL HuB 8,5 kWh/m ³	m ³ /h	1,20	1,20
Liquid gas (propane) HuB 12,8 kWh/kg	kg/h	0,8	0,8
Key performance indicator (70 °C)	N _L	3,4	3,4
Width/depth	A/B	480/480	480/480
Distance DHW-connections	C	224	224
Height cold water and hot water connection	E/F	1713	1713
Height circulation	G	1713	1713
Height boiler	H	1781	1781
Height aux boiler flow/return	K/L	1110	1110
Height solar flow/return	M/N	-	533
Height without draught diverter	H1	1673	1673
Height gas connection		303	303
Diameter flue gas pipe		80	80
Connections:			
Cold water/hot water	1/2	Ga	3/4
Circulation	3	Ga	3/4
Aux boiler flow/return	4/5	Ga	1/2
Solar flow/return	6/7	-	1/2
Drain	17	Gi	1/2
Gas connection	18	Gi	1/2
Anode	19	Gi	3/4
Weight (empty)		kg	ca. 100
Part No. Natural gas group E (white)		90941120110	90942120110
Part No. Natural gas group LL (white)		90941320110	90942320110
Gross price	Euro	1550,-	1915,-

Please indicate country of destination.

Ga = male thread, Gi = female thread



Buffer tanks

DHW buffer tank WPS

Application

Gas, oil, pellets, heat pump, district heating

Standard design

- Enamelling in certified quality according to DIN 4753, part 3-6
- With anode, sensor gauge, thermometer, plug for electric heater and flange
- Can be optionally upgraded with an electric heating element or an electric heating flange respectively

Insulation (white, silver)

60 mm Neodul-Plus-insulation (up to 500 l)

100 mm fleece insulation (from 800 l)



WPS 305

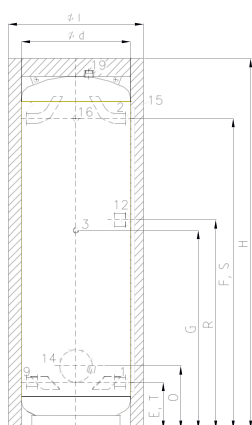
5 years warranty

Article			WPS 155 ¹⁾	WPS 205 ¹⁾	WPS 305 ¹⁾	WPS 405 ¹⁾	WPS 505 ¹⁾
Capacity	litre ca.		151	201	303	431	507
Max. working temperature	°C		95	95	95	95	95
Max. working pressure	bar		10	10	10	10	10
Insulation	mm		60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus
Dimensions:							
Diameter incl. insulation	D	mm	610	610	610	710	710
Diameter tank	d	mm	500	500	500	600	600
Height cold water connection	E/T	mm	215	215	215	250	250
Height hot water connection	F/S	mm	668	912	1422	1420	1690
Height circulation	G	mm	465	620	910	910	1121
Height storage tank	H	mm	970	1215	1740	1730	1990
Tilting dimension	W	mm	1150	1172	1650	1696	1946
Height flange	O	mm	290	290	290	335	335
Height plug for electric heater	R	mm	612	648	958	960	1171
Connections:							
Cold water/hot water	1/2	Ga	5/4	5/4	5/4	6/4	6/4
Circulation	3	Ga	3/4	3/4	3/4	3/4	3/4
Load circuit flow/return	8/9	Ga	5/4	5/4	5/4	6/4	6/4
Plug for electric heater	12	Gi	6/4	6/4	6/4	6/4	6/4
Flange	14	NW	116	116	116	116	116
Sensor tubes	15	∅ mm	10	10	10	10	10
Thermometer	16		•	•	•	•	•
Anode	19	Ga	5/4	5/4	5/4	5/4	5/4
Weight (empty)		kg	100	105	110	130	160
Part No. (white)			42155000191	42205000191	42305000191	42405000191	42505000191
Part No. (silver)			42155000192	42205000192	42305000192	42405000192	42505000192
Gross price	Euro		875,-	944,-	1040,-	1282,-	1424,-

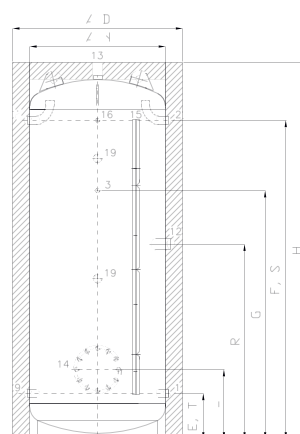
¹⁾ Available from 07/2014

Ga = male thread, Gi = female thread

Accessories	155-205	305	405-505	805-3005	Part No.	Euro
External current anode Correx-up with red. piece 1 1/4 - 3/4 x 400 with potentiostat	●	●			39789	184,-
External current anode Correx-up G 1 1/4" x 830 with potentiostat			●	●	400170	211,-
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter		●	●		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	●	●	●		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter				●	403011	362,-
Electric heating flange 3/4/6 kW, 230/400V for flange ∅ 180	●	●	●		400489	362,-
Electric heating flange 9/18 kW, 400V for flange ∅ 280				●	400488	833,-
Knuckle feet M 10 (set of 3 pieces)	●	●	●		400433	10,-
Controller box with temperature controller 230 V	●	●	●	●	400201	147,-



WPS 305



WPS 805

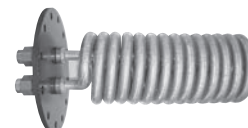
Article			WPS 805 ¹⁾	WPS 1005 ¹⁾	WPS 1505 ¹⁾	WPS 2005 ¹⁾	WPS 3005 ¹⁾
Capacity	litre ca.		830	990	1535	2010	3035
Max. working temperature	°C		95	95	95	95	95
Max. working pressure	bar		10	10	6	6	6
Insulation	mm		100-fleece	100-fleece	100-fleece	100-fleece	100-fleece
Dimensions:							
Diameter incl. insulation	D	mm	990	990	1200	1400	1450
Diameter tank	d	mm	790	790	1000	1200	1250
Height cold water connection	E/T	mm	266	266	350	395	390
Height hot water connection	F/S	mm	1540	1855	1730	1625	2220
Height circulation	G	mm	1209	1446	1315	1250	1740
Height storage tank	H	mm	1880	2195	2150	2090	2680
Tilting dimension	W	mm	1891	2227	2232	2237	2775
Height flange	O	mm	405	405	440	500	495
Height plug for electric heater	R	mm	995	1135	1150	1150	1505
Connections:							
Cold water/hot water	1/2	Ga	6/4	6/4	2	2	2
Circulation	3	Ga	3/4	3/4	1	1	1
Load circuit flow/return	8/9	Ga	6/4	6/4	2	2	2
Plug for electric heater	12	Gi	2	2	2	2	2
Vent	13	Gi	5/4	5/4	5/4	5/4	5/4
Flange	14	NW	205	205	205	205	205
Sensor clamp	15		•	•	•	•	•
Thermometer	16	Gi	•	•	•	•	•
Anode	19	Ga	5/4	5/4	5/4	5/4	5/4
Weight (empty)		kg	218	252	292	382	464
Part No. (white)			42805000195	42100500195	42150500195	42200500195	42300500195
Part No. (silver)			42805000196	42100500196	42150500196	42200500196	42300500196
Gross price	Euro		1783,-	2232,-	3468,-	4468,-	5493,-

¹⁾ Available from 07/2014

Ga = male thread, Gi = female thread

Cu fin-tube heat exchanger WPS (straight standard design)

- Assembled on flange plate for flange \varnothing 280, incl. a set of screws, washers and sealing
- With union connector (electrical separation type)
- Max. working pressure 25 bar, max. working temperature 95 °C, exchanger outside tin-plated.



Typ	Heating area ca. m ²	\varnothing ca. mm	Installation depth mm	Connection thread	ca. Performance 10/45				Part No.	Euro
					55 °C kW	70 °C kW	80 °C kW	90 °C kW		
WTN 13 S	1,30	140	430	R 3/4	7	16	22	28	400394	On demand
WTN 18 S	1,80	170	450	R 3/4	10	22	33	42	400762	On demand
WTT 23 S	2,30	180	510	R 1	13	30	42	53	400764	On demand
WTT 27 S	2,70	180	530	R 1	17	36	52	70	400766	On demand
WTT 31 S	3,10	180	560	R 1	20	42	61	77	400768	On demand
WTT 46 S	4,60	180	790	R 1	23	52	72	90	400770	On demand

Remark: Please consider the installation depth in relation to the tank diameter.



Buffer tanks

Heating buffer tank WPH

Application

Gas, oil, pellets, heat pump, district heating

Standard design

- With sensor gauge and thermometer
- Can be optionally upgraded with an electric heating element

Insulation (white, silver)

60 mm Neodul-Plus insulation (up to 500 l)

100 mm fleece insulation (from 600 l)

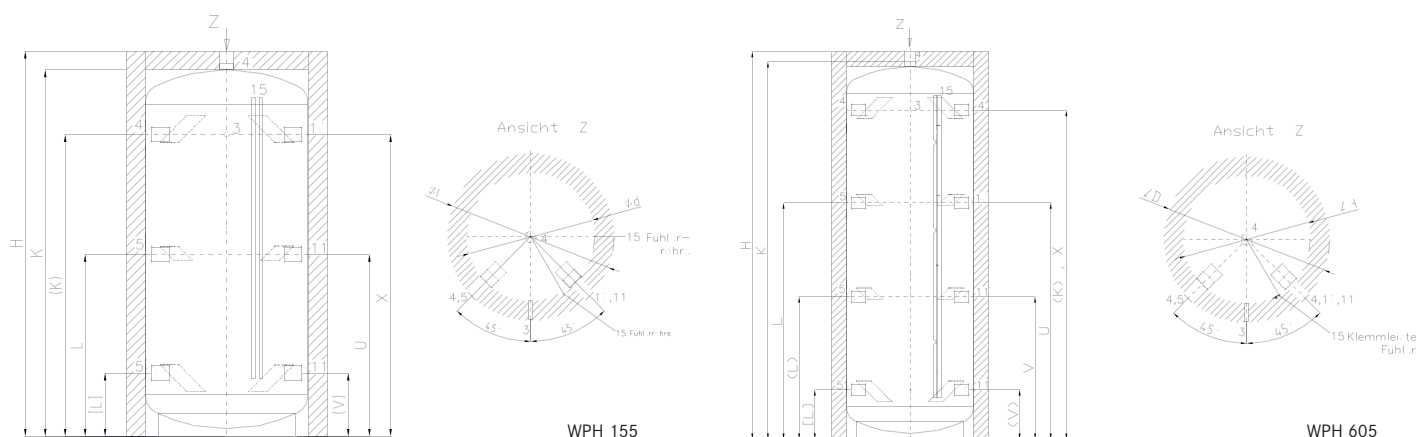
5 years warranty



WPH 805

Article			WPH 155	WPH 205	WPH 305	WPH 405	WPH 505
Capacity	litre ca.		151	201	303	431	507
Max. working temperature	°C		95	95	95	95	95
Max. working pressure	bar		3	3	3	3	3
Insulation	mm		60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus	60 Neodul-Plus
Dimensions:							
Diameter incl. insulation	D	mm	610	610	610	710	710
Diameter tank	d	mm	500	500	500	600	600
Height storage tank	H	mm	970	1215	1740	1730	1990
Tilting dimension	W	mm	915	1120	1665	1660	1900
Height aux boiler flow	K (K)	mm	884 (656)	1128 (900)	1641 (1413)	1635 (1395)	1895 (1655)
Height aux boiler return	L	mm	445	567	1020	1018	1192
Height aux boiler return	(L)	mm	(-)	(-)	(626)	(642)	(728)
Height aux boiler return	[L]	mm	[233]	[233]	[233]	[265]	[265]
Height heating flow	U	mm	445	567	1020	1018	1192
Height heating return	V (V)	mm	- (233)	- (233)	626 (233)	642 (265)	728 (265)
Connections:							
Thermometer	3		•	•	•	•	•
Aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	6/4	6/4
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	6/4	6/4
Sensor tubes	15	∅ mm	10	10	10	10	10
Weight (empty)		kg	47	54	70	81	90
Part No. (white)			4 1159000191	4 1209000191	4 1309000191	4 1409000191	4 1509000191
Part No. (silver)			4 1159000192	4 1209000192	4 1309000192	4 1409000192	4 1509000192
Gross price	Euro		560,-	600,-	635,-	699,-	736,-

Ga = male thread, Gi = female thread



WPH 155

WPH 605

Article		WPH 605	WPH 805	WPH 1005/790	WPH 1005/850	WPH 1505	WPH 2005	WPH 3005
Capacity	litre ca.	615	830	990	990	1535	2010	3035
Max. working temperature	°C	95	95	95	95	95	95	95
Max. working pressure	bar	3	3	3	3	3	3	3
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece
Dimensions:								
Diameter incl. insulation	D mm	850	990	990	1050	1000	1200	1250
Diameter tank	d mm	650	790	790	850	1200	1400	1450
Height storage tank	H mm	2008	1880	2195	1940	2150	2090	2680
Tilting dimension	W mm	1960	1845	2150	1910	2130	2100	2670
Height aux boiler flow	K (K) mm	1933 (1684)	1802 (1520)	2117 (1835)	1867 (1590)	2074 (1730)	2013 (1625)	2603 (2220)
Height aux boiler return	L mm	1210	1020	1340	1150	1340	1300	1700
Height aux boiler return	(L) mm	(730)	(700)	(740)	(720)	(740)	(720)	(930)
Height aux boiler return	[L] mm	[254]	[290]	[290]	[280]	[350]	[395]	[390]
Height heating flow	U mm	1210	1020	1430	1150	1340	1300	1700
Height heating return	V (V) mm	730 (254)	700 (290)	740 (290)	720 (280)	740 (350)	720 (395)	930 (390)
Connections:								
Thermometer	3	•	•	•	•	•	•	•
Aux boiler flow/return	4/5 Ga	6/4	6/4	6/4	6/4	2	2	2
Heating circuit flow/return	10/11 Ga	6/4	6/4	6/4	6/4	2	2	2
Sensor clamp	15	•	•	•	•	•	•	•
Weight (empty)	kg	106	124	172	176	203	254	307
Part No. (white)		41609000195	41809000195	41900900195	41100900195	41150900195	41200900195	41300900195
Part No. (silver)		41609000196	41809000196	41900900196	41100900196	41150900196	41200900196	41300900196
Gross price	Euro	827,-	918,-	1053,-	1153,-	1647,-	2222,-	2690,-

Ga = male thread, Gi = female thread

Accessories	155-205	305-1005	1505-3005	Part No.	Euro
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter		●		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	●	●		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter			●	403011	362,-



Buffer tanks

Heating buffer tank WPR/WPRR

Application

Gas, oil, pellets, heat pump, district heating, solar

Standard design

- With sensor clamp and thermometer
- With one or two straight-tube heat exchangers
- Can be optionally upgraded with an electric heating element

Insulation (white, silver)

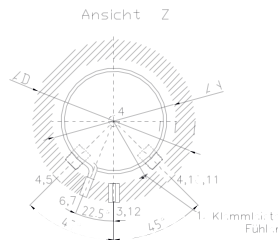
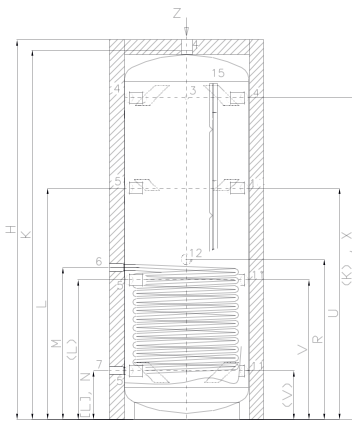
100 mm fleece insulation

5 years warranty

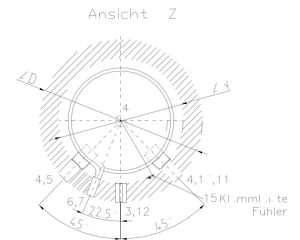
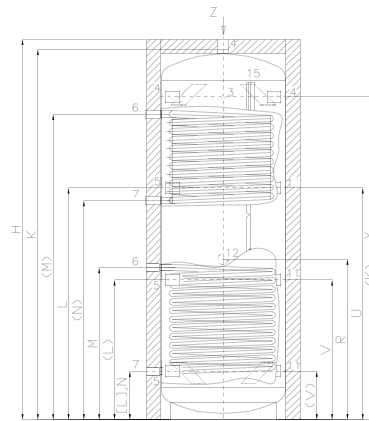


Article		WPR 605	WPR 805	WPR 1005/790	WPR 1005/850	WPR 1505	WPR 2005	WPR 3005	
Capacity	litre ca.	595	806	961	930	1503	1977	2930	
Max. working temperature buffer/heat exchanger	°C	95/160	95/160	95/160	95/160	95/160	95/160	95/160	
Max. working pressure buffer/heat exchanger	bar	3/10	3/10	3/10	3/10	3/10	3/10	3/10	
Capacity of heat exchanger	l	13,5	18	20	20	25	27	40	
Surface of heat exchanger	m ²	2,0	2,7	3,0	3,0	3,7	4,0	6,0	
Flow rate of heat exchanger	m ³ /h	1,5	1,5	1,5	1,5	2,0	2,0	2,5	
Pressure loss heat exchanger	mbar	90	90	95	95	180	205	313	
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	
Energy loss	kWh/24h	3,4	3,8	4,5	4,4	4,9	5,0	5,4	
Dimensions:									
Diameter incl. insulation	D	mm	850	990	990	1050	1200	1400	1450
Diameter tank	d	mm	650	790	790	850	1000	1200	1250
Height storage tank	H	mm	2008	1880	2195	1940	2150	2090	2680
Tilting dimension	W	mm	1960	1845	2150	1910	2130	2100	2670
Height aux boiler flow	K (K)	mm	1933 (1684)	1802 (1520)	2117 (1835)	1867 (1590)	2074 (1730)	2013 (1625)	2603 (2220)
Height aux boiler return	L	mm	1210	1020	1340	1150	1340	1300	1700
Height aux boiler return	(L)	mm	(730)	(700)	(740)	(720)	(740)	(720)	(930)
Height aux boiler return	[L]	mm	[254]	[290]	[290]	[280]	[350]	[395]	[390]
Height solar flow	M	mm	794	830	875	865	935	935	1200
Height solar return	N	mm	254	290	290	280	350	395	390
Height plug for electric heater	R	mm	838	980	980	950	1050	1050	1500
Height heating flow	U	mm	1210	1020	1340	1150	1340	1300	1700
Height heating return	V (V)	mm	730 (254)	700 (290)	740 (290)	720 (280)	740 (350)	720 (395)	930 (390)
Connections:									
Thermometer	3		•	•	•	•	•	•	
Aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	6/4	2	2	
Solar flow/return	6/7	Gi	1	1	1	1	5/4	5/4	
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	6/4	2	2	
Plug for electric heater	12	Gi	6/4	6/4	6/4	6/4	2	2	
Sensor clamp	15		•	•	•	•	•	•	
Weight (empty)		kg	132	169	213	213	254	314	387
Part No. (white)			47609100195	47809100195	47979100195	47100910195	47150900195	47200910195	47300910195
Part No. (silver)			47609100196	47809100196	47979100196	47100910196	47150900196	47200910196	47300910196
Gross price	Euro		1085,-	1265,-	1365,-	1465,-	2052,-	2694,-	3370,-

Ga = male thread, Gi = female thread



WPR 605



WPRR 605

Article		WPRR 605	WPRR 805	WPRR 1005/790	WPRR 1005/850	WPRR 1505	WPRR 2005	WPRR 3005	
Capacity	litre ca.	582	789	944	907	1482	1955	2953	
Max. working temperature buffer/heat exchanger	°C	95/160	95/160	95/160	95/160	95/160	95/160	95/160	
Max. working pressure buffer/heat exchanger	bar	3/10	3/10	3/10	3/10	3/10	3/10	3/10	
Capacity of heat exchanger (lower/upper)	l	13,5/11,5	18,0/13,5	20,0/13,5	20,0/14,0	25/17	27/18	40/27	
Surface of heat exchanger (lower/upper)	m ²	2,0/1,7	2,7/2,0	3,0/2,0	3,0/2,1	3,7/2,5	4,0/2,7	6,0/4,0	
Flow rate of heat exchanger	m ³ /h	1,5	1,5	1,5	1,5	2,0	2,0	2,5	
Pressure loss heat exchanger (lower/upper)	mbar	70/55	90/70	95/70	95/70	180/125	205/135	313/290	
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece	
Energy loss	kWh/24h	3,5	3,9	4,6	4,5	4,9	5,0	5,4	
Dimensions:									
Diameter incl. insulation	D	mm	850	990	990	1050	1200	1400	1450
Diameter tank	d	mm	650	790	790	850	1000	1200	1250
Height storage tank	H	mm	2008	1880	2195	1940	2150	2090	2680
Tilting dimension	W	mm	1960	1845	2150	1910	2130	2100	2670
Height aux boiler flow	K (K)	mm	1933 (1684)	1802 (1520)	2117 (1835)	1867 (1590)	2074 (1730)	2013 (1625)	2603 (2220)
Height aux boiler return	L	mm	1210	1020	1340	1150	1340	1300	1700
Height aux boiler return	(L)	mm	(730)	(700)	(740)	(720)	(740)	(720)	(930)
Height aux boiler return	[L]	mm	[254]	[290]	[290]	[280]	[350]	[395]	[390]
Height solar flow	M	mm	794 (1597)	830 (1490)	875 (1780)	865 (1485)	935 (1660)	935 (1555)	1200 (2155)
Height solar return	N	mm	254 (1144)	290 (1085)	290 (1375)	280 (1035)	350 (1255)	395 (1195)	390 (1615)
Height plug for electric heater	R	mm	838	980	980	950	1050	1050	1500
Height heating flow	U	mm	1210	1020	1340	1150	1340	1300	1700
Height heating return	V (V)	mm	730 (254)	700 (290)	740 (290)	720 (280)	740 (350)	720 (395)	930 (390)
Connections:									
Thermometer	3		•	•	•	•	•	•	
Aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	6/4	2	2	
Solar flow/return	6/7	Gi	1	1	1	1	5/4	5/4	
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	6/4	2	2	
Plug for electric heater	12	Gi	6/4	6/4	6/4	6/4	2	2	
Sensor clamp	15		•	•	•	•	•	•	
Weight (empty)	kg		155	196	248	248	290	355	447
Part No. (white)			47609200195	47809200195	47979200195	47100920195	47150920195	47200920195	47300920195
Part No. (silver)			47609200196	47809200196	47979200196	47100920196	47150920196	47200920196	47300920196
Gross price	Euro		1385,-	1456,-	1565,-	1665,-	2295,-	2956,-	3800,-

Ga = male thread, Gi = female thread

Accessories	605-1005	1505-3005	Part No.	Euro
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter	•		400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	•		400149	233,-
Electric back-up heater 7,5 kW, 400 V, G 2" x 700 ET with controller and limiter		•	403011	362,-



Buffer tanks

Buffer tank for instant DHW station

Application

Gas, oil, pellets, district heating, solar (WPR-FW)

Standard design

- Universal basic tank with sensor clamp and thermometer
- Loading tube and stratification device for instant DHW station
- Fixing bolts for the installation of a mounting plate
- WPR-FW with solar heat exchanger
- Can be optionally upgraded with an electric heating element

Insulation (silver)

100 mm fleece insulation

5 years warranty



WPR-FW 1005

Article		WPH-FW 805	WPH-FW 1005	WPR-FW 805	WPR-FW 1005
Capacity Puffer	litre	830	990	806	961
Max. working pressure buffer/HE solar	bar	3	3	3 / 10	3 / 10
Max. working temperature buffer/HE solar	C°	95	95	95 / 160	95 / 160
Capacity of heat exchanger solar	litre	-	-	18,0	20,0
Heating area heat exchanger solar	m ²	-	-	2,7	3,0
Flow rate of heat exchanger solar	m ³ /h	-	-	1,5	1,5
Pressure loss of heat exchanger solar	mbar	-	-	90	95
Insulation		100-fleece	100-fleece	100-fleece	100-fleece
Dimensions					
Diameter incl. insulation	D mm	990	990	990	990
Diameter tank	d mm	790	790	790	790
Height storage tank	H mm	1880	2195	1880	2195
Tilting dimension	W mm	1845	2150	1845	2150
Height aux boiler flow	K (K) mm	1802 (1520)	2117 (1835)	1802 (1520)	2117 (1835)
Height aux boiler return	L (L) [L] mm	1020 (700) [290]	1340 (740) [290]	1020 (700) [290]	1340 (740) [290]
Height solar flow	M mm	-	-	830	875
Height solar return	N mm	-	-	290	290
Height plug for electric heater	R mm	-	-	980	980
Height load circuit flow	S mm	880	925	880	925
Height load circuit return	T mm	880	925	880	925
Height heating flow	U mm	1020	1340	1020	1340
Height heating return	V (V) mm	700 (290)	740 (290)	700 (290)	740 (290)
Height fixing bolts DHW station	Y (Y) mm	1535 (1175)	1580 (1220)	1535 (1175)	1580 (1220)
Connections					
Thermometer	3	•	•	•	•
Aux boiler flow/return	4/5 Gi	6/4	6/4	6/4	6/4
Solar flow/return	6/7 Gi	-	-	1	1
Heating flow/return	10/11 Gi	6/4	6/4	6/4	6/4
Plug for electric heater	12 Gi	-	-	6/4	6/4
Sensor clamp	15	•	•	•	•
Fixing bolts DHW station	16 M8	•	•	•	•
DHW station flow	17 Ga	1	1	1	1
DHW station return	18 Ga	1	1	1	1
Weight (empty)	kg	128	176	173	258
Part No. (silver)		41729000196	41979000196	42729000196	47979000196
Gross price	Euro	1040,-	1180,-	1280,-	1380,-

Ga = male thread, Gi = female thread



Combi buffer tanks

Hygienic tank WIKOSOL Twin Trivalent

Application

Gas, oil, pellets, heat pump, district heating, solar

Standard design

- Buffer tank with integrated coaxial heat exchanger made of stainless steel for a continuous and hygienic DHW production with counter flow principle. The coaxial heat exchanger's internal tube allows fluid circulation by gravity or can be driven by a pump.
- Solar heat exchanger in the lower section
- Standard design with a plug for electric heater
- Can be optionally upgraded with an electric heating element



Insulation (silver)

100 mm fleece insulation

10 years warranty

Article		WIKOSOL Twin 805	
Capacity Buffer	litre ca		800
Key performance indicator NL acc. to DIN 4708	NL		3,2
Capacity Coaxial-HE internal tube heating water	litre ca		6
Capacity Coaxial-HE external tube DHW	litre ca		14
Max. tap performance hot water 45°C/10/buffer 65°C	litre ca.		490
Max. working temperature buffer/DHW/HE solar	°C		95/95/160
Max. working pressure buffer/DHW/HE solar	bar		3/10/16
Capacity of heat exchanger solar	litre		16
Heating area coax-HE internal tube heating	m ²		1,7
Heating area coax-HE external tube DHW	m ²		2,8
Heating area heat exchanger solar	m ²		2,5
Flow rate of heat exchanger solar	m ³ /h		2,0
Pressure loss of heat exchanger solar	mbar		90
Pressure loss of heat exchanger Coaxial DHW at 20/30/40 l/min.	mbar		200/400/800
Insulation	mm		100-fleece
Dimensions			
Diameter incl. insulation	D	mm	990
Diameter tank	d	mm	790
Height cold water connection/Coax return	E	mm	1357
Height hot water connection/Coax flow	F	mm	1797
Height storage tank	H	mm	2023
Tilting dimension	W	mm	2030
Height aux boiler flow	K (K)	mm	890 (1032)
Height aux boiler flow	[K]	mm	[1962]
Height aux boiler return	L	mm	290
Height load circuit return	L1	mm	1107
Height solar flow	M	mm	832
Height solar return	N	mm	282
Height heating circuit flow	U	mm	890
Height heating circuit return	V	mm	290
Height plug for electric heater	R	mm	1070
Height drain	O	mm	157
Weight (empty)		kg	280
Part No. (silver)		47808000196	
Gross price		Euro	3654,-



Combi buffer tanks

Hygienic tank WIKOSOL

Application

Gas, oil, pellets, district heating, solar (Wikosol with heat exchanger)

Standard design

- Buffer tank with integrated DHW heat exchanger made of stainless steel, sensor clamp and plug for electric heater
- Available with one, two or with no solar heat exchanger
- Can be optionally upgraded with an electric heating element

Insulation (white, silver)

100 mm fleece insulation

10 years warranty



WIKOSOL 805-2

Article		WIKOSOL 605-0	WIKOSOL 805-0	WIKOSOL 1005-0	WIKOSOL 1505-0	WIKOSOL 2005-0
Capacity	litre	615	830	990	1535	2008
Max. working temperature buffer	°C	95	95	95	95	95
Max. working temperature DHW-HE	°C	95	95	95	95	95
Max. working pressure DHW-HE	bar	10	10	10	10	10
Max. working pressure heating water	bar	3	3	3	3	3
Capacity DHW-heat exchanger	litre	ca. 28	ca. 32	ca. 32	ca. 45	ca. 45
Surface DHW-heat exchanger	m ²	4	5,5	5,5	8,0	8,0
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece

Performance data

(buffer tank temperature 65 °C/HV 70 °C/Hot water 45 °C/KW 10 °C)

DHW flow rate

Buffer loaded, flow rate 10 l/min	litre	230	560	595	780 (Flow rate 25 l/min)	860 (Flow rate 25 l/min)
Buffer loaded, flow rate 20 l/min	litre	210	510	535	520 (Flow rate 40 l/min)	572 (Flow rate 40 l/min)
Buffer partially loaded, flow rate 10 l/min	litre	170	360	375	345 (Flow rate 25 l/min)	380 (Flow rate 25 l/min)
Buffer partially loaded, flow rate 20 l/min	litre	130	275	285	438 (Flow rate 20 l/min)	485 (Flow rate 20 l/min)

Continuous output

Buffer loaded	l/h	1090	1500	1950	2880	3180
Aux boiler output	kW	48	65	80	117	129
Flow rate	m ³ /h	2,4	3,3	3,8	4,2	4,5
Buffer partially loaded	l/h	720	930	1200	1280	1410
Aux boiler output	kW	32	40	50	52	57
Flow rate	m ³ /h	1,5	1,7	1,9	1,3	2,5

Key performance indicator N_L (according to DIN 4708)

		2,2	3,2	4,0	4,5	5,1
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Dimensions

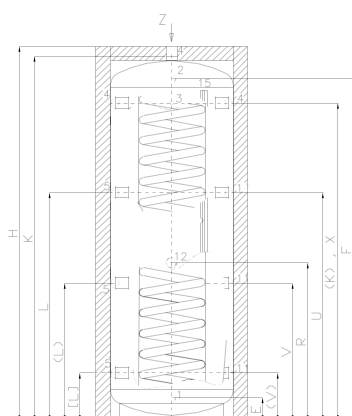
Diameter incl. insulation	D	mm	850	990	990	1200	1400
Diameter tank	d	mm	650	790	790	1000	1200
Height cold water connection	E	mm	125	160	160	200	245
Height hot water connection	F	mm	1815	1650	1965	1880	1775
Height storage tank	H	mm	2008	1880	2195	2150	2090
Tilting dimension	W	mm	1960	1845	2150	2130	2100
Height aux boiler flow	K (K)	mm	1933 (1684)	1802 (1520)	2117 (1835)	2074 (1730)	2013 (1625)
Height aux boiler return	L (L) [L]	mm	1210 (730) [254]	1020 (700) [290]	1340 (740) [290]	1340 (740) [350]	1300 (720) [395]
Height plug for electric heater	R	mm	838	980	980	1050	1050
Height heating flow	U	mm	1210	1020	1340	1340	1300
Height heating return	V (V)	mm	730 (254)	700 (290)	740 (290)	740 (350)	720 (395)

Connections

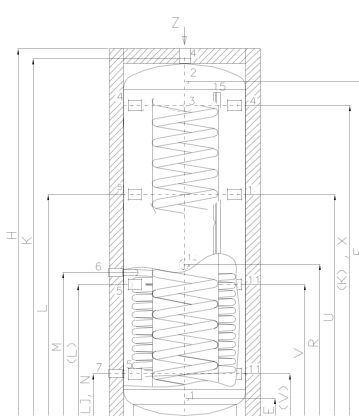
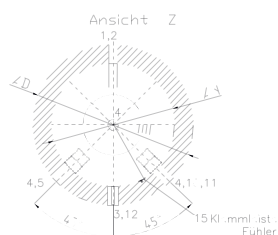
Cold water/hot water	1/2	Gi	5/4	5/4	5/4	5/4	5/4
Thermometer	3		•	•	•	•	•
Connection aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	2	2
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	2	2
Plug for electric heater	12	Gi	6/4	6/4	6/4	2	2
Sensor clamp	15		•	•	•	•	•
Weight (empty)		kg	125	153	160	370	460

Part No. (white)		47602900195	47802900195	47100290195	47150290195	47200290195
Part No. (silver)		47602900196	47802900196	47100290196	47150290196	47200290196
Gross price	Euro	2400,-	2500,-	2600,-	3500,-	4000,-

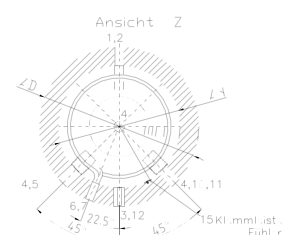
Ga = male thread, Gi = female thread



WIKOSOL-0



WIKOSOL-1



Article		WIKOSOL 605-1	WIKOSOL 805-1	WIKOSOL 1005-1	WIKOSOL 1505-1	WIKOSOL 2005-1
Capacity	litre	600	805	965	1503	1975
Max. working temperature buffer	°C	95	95	95	95	95
Max. working temperature DHW-HE/solar-HE	°C	95/130	95/130	95/130	95/130	95/130
Max. working pressure DHW-HE/solar-HE	bar	10/10	10/10	10/10	10/10	10/10
Max. working pressure heating water	bar	3	3	3	3	3
Capacity DHW-heat exchanger	litre	ca. 28	ca. 32	ca. 32	ca. 45	ca. 45
Surface DHW-heat exchanger	m ²	4	5,5	5,5	8,0	8,0
Heating area solar heat exchanger lower	m ²	2,0	2,7	3,0	3,7	4,0
Capacity solar heat exchanger lower	litre	13,5	18,0	20,0	25	26,5
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece

Performance data

(buffer tank temperature 65 °C/HV 70 °C/Hot water 45 °C/KW 10 °C)

DHW flow rate

Buffer loaded, flow rate 10 l/min	litre	230	560	595	780 (Flow rate 25 l/min)	860 (Flow rate 25 l/min)
Buffer loaded, flow rate 20 l/min	litre	210	510	535	520 (Flow rate 40 l/min)	572 (Flow rate 40 l/min)
Buffer partially loaded, flow rate 10 l/min	litre	170	360	375	345 (Flow rate 25 l/min)	380 (Flow rate 25 l/min)
Buffer partially loaded, flow rate 20 l/min	litre	130	275	285	438 (Flow rate 20 l/min)	485 (Flow rate 20 l/min)

Continuous output

Buffer loaded	l/h	1090	1500	1950	2880	3180
Aux boiler output	kW	48	65	80	117	129
Flow rate	m ³ /h	2,4	3,3	3,8	4,2	4,5
Buffer partially loaded	l/h	720	930	1200	1280	1410
Aux boiler output	kW	32	40	50	52	57
Flow rate	m ³ /h	1,5	1,7	1,9	1,3	2,5

Key performance indicator N_L (according to DIN 4708)

		2,2	3,2	4,0	4,5	5,1
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Dimensions

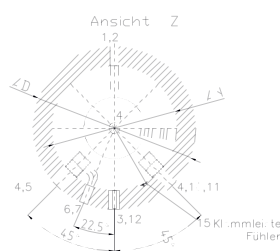
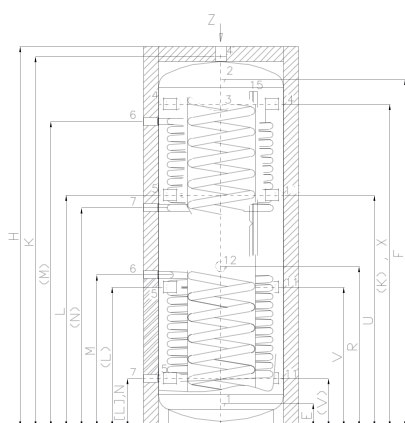
Diameter incl. insulation	D	mm	850	990	990	1200	1400
Diameter tank	d	mm	650	790	790	1000	1200
Height cold water connection	E	mm	125	160	160	200	245
Height hot water connection	F	mm	1815	1650	1965	1880	1775
Height storage tank	H	mm	2008	1880	2195	2150	2090
Tilting dimension	W	mm	1960	1845	2150	2130	2100
Height aux boiler flow	K (K)	mm	1933 (1684)	1802 (1520)	2117 (1835)	2074 (1730)	2013 (1625)
Height aux boiler return	L (L) [L]	mm	1210 (730) [254]	1020 (700) [290]	1340 (740) [290]	1340 (740) [350]	1300 (720) [395]
Height solar flow	M	mm	794	830	875	935	935
Height solar return	N	mm	254	290	290	350	395
Height plug for electric heater	R	mm	838	980	980	1050	1050
Height heating flow	U	mm	1210	1020	1340	1340	1300
Height heating return	V (V)	mm	730 (254)	700 (290)	740 (290)	740 (350)	720 (395)

Connections

Cold water/hot water	1/2	Gi	5/4	5/4	5/4	5/4	5/4
Thermometer	3		•	•	•	•	•
Connection aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	2	2
Connection solar flow/return	6/7	Gi	1	1	1	5/4	5/4
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	2	2
Plug for electric heater	12	Gi	6/4	6/4	6/4	2	2
Sensor clamp	15		•	•	•	•	•
Weight (empty)		kg	157	188	194	380	470

Part No. (white)		47603900195	47803900195	47100390195	47150390195	47200390195
Part No. (silver)		47603900196	47803900196	47100390196	47150390196	47200390196
Gross price	Euro	2500,-	2600,-	2700,-	3700,-	4200,-

Ga = male thread, Gi = female thread



Wikosol-2

Article		WIKOSOL 605-2	WIKOSOL 805-2	WIKOSOL 1005-2	WIKOSOL 1505-2	WIKOSOL 2005-2
Capacity	litre	585	787	945	1482	1952
Max. working temperature buffer	°C	95	95	95	95	95
Max. working temperature DHW-HE/solar-HE	°C	95/130	95/130	95/130	95/130	95/130
Max. working pressure DHW-HE/solar-HE	bar	10/10	10/10	10/10	10/10	10/10
Max. working pressure Heating water	bar	3	3	3	3	3
Capacity DHW-heat exchanger	litre	ca. 28	ca. 32	ca.32	ca. 45	ca. 45
Surface DHW-heat exchanger	m ²	4	5,5	5,5	8,0	8,0
Heating area solar heat exchanger lower/upper	m ²	2,0/1,7	2,7/2,0	3,0/2,0	3,7 / 2,5	4,0 / 2,7
Capacity solar heat exchanger lower/upper	litre	13,5/11,5	18,0/13,5	14/11	25 / 17	26,5 / 17,6
Insulation	mm	100-fleece	100-fleece	100-fleece	100-fleece	100-fleece

Performance data

(buffer tank temperature 65 °C/HV 70 °C/Hot water 45 °C/KW 10 °C)

DHW flow rate

Buffer loaded, flow rate 10 l/min	litre	230	560	595	780 (Flow rate 25 l/min)	860 (Flow rate 25 l/min)
Buffer loaded, flow rate 20 l/min	litre	210	510	535	520 (Flow rate 40 l/min)	572 (Flow rate 40 l/min)
Buffer partially loaded, flow rate 10 l/min	litre	170	360	375	345 (Flow rate 25 l/min)	380 (Flow rate 25 l/min)
Buffer partially loaded, flow rate 20 l/min	litre	130	275	285	438 (Flow rate 20 l/min)	485 (Flow rate 20 l/min)

Continuous output

Buffer loaded	l/h	1090	1500	1950	2880	3180
Aux boiler output	kW	48	65	80	117	129
Flow rate	m ³ /h	2,4	3,3	3,8	4,2	4,5
Buffer partially loaded	l/h	720	930	1200	1280	1410
Aux boiler output	kW	32	40	50	52	57
Flow rate	m ³ /h	1,5	1,7	1,9	1,3	2,5

Key performance indicator N_L (according to DIN 4708)

		2,2	3,2	4,0	4,5	5,1
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Dimensions

Diameter incl. insulation	D	mm	850	990	990	1200	1400
Diameter tank	d	mm	650	790	790	1000	1200
Height cold water connection	E	mm	125	160	160	200	245
Height hot water connection	F	mm	1815	1650	1965	1880	1775
Height storage tank	H	mm	2008	1880	2195	2150	2090
Tilting dimension	W	mm	1960	1845	2150	2130	2100
Height aux boiler flow	K (K)	mm	1933 (1684)	1802 (1520)	2117 (1835)	2074 (1730)	2013 (1625)
Height aux boiler return	L (L) [L]	mm	1210 (730) [254]	1020 (700) [290]	1340 (740) [290]	1340 (740) [350]	1300 (720) [395]
Height solar flow	M (M)	mm	794 (1594)	830 (1490)	875 (1780)	935 (1660)	935 (1555)
Height solar return	N (N)	mm	254 (1144)	290 (1085)	290 (1375)	350 (1255)	395 (1195)
Height plug for electric heater	R	mm	838	980	980	1050	1050
Height heating flow	U	mm	1210	1020	1340	1340	1300
Height heating return	V (V)	mm	730 (254)	700 (290)	740 (290)	740 (350)	720 (395)

Connections

Cold water/hot water	1/2	Gi	5/4	5/4	5/4	5/4	5/4
Thermometer	3		•	•	•	•	•
Connection aux boiler flow/return	4/5	Ga	6/4	6/4	6/4	2	2
Connection solar flow/return	6/7	Gi	1	1	1	5/4	5/4
Heating circuit flow/return	10/11	Ga	6/4	6/4	6/4	2	2
Plug for electric heater	12	Gi	6/4	6/4	6/4	2	2
Sensor clamp	15		•	•	•	•	•
Weight (empty)		kg	177	218	221	390	480

Part No. (white)		47604900195	47804900195	47100490195	47150490195	47200490195
Part No. (silver)		47604900196	47804900196	47100490196	47150490196	47200490196
Gross price	Euro	2600,-	2700,-	2800,-	3900,-	4400,-

Ga = male thread, Gi = female thread



Combi buffer tanks

Accessories	WIKOSOL -0, -1, -2	Part No.	Euro
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter	●	400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	●	400149	233,-
Circulation set WIKOSOL	●	400272	29,-



Combi buffer tanks

Tank-on-tank system WPKR H Twin

Application

Gas, oil, pellets, heat pump, district heating, solar

Standard design

- Buffer tank with one straight-tube heat exchanger and DHW storage tank on top incl. double helix heat exchanger, flange and Mg-anode, DHW storage tank with enamelling in certified quality according to DIN 4753, part 3-6, buffer tank internal bare
- Sensor tubes, thermometer and plug for electric heater
- Can be optionally upgraded with an electric heating element

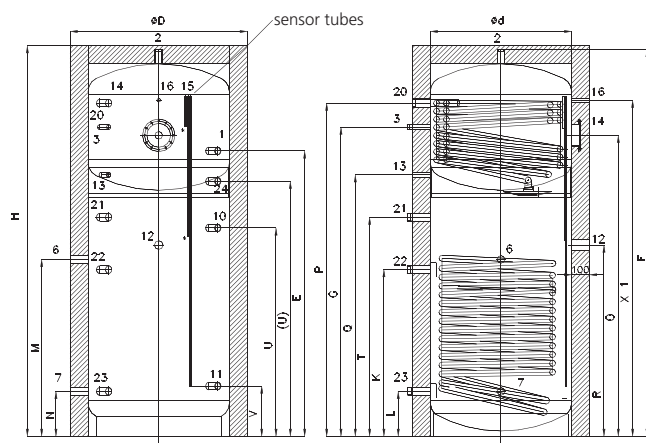
Insulation (white)

100 mm Neodul-Plus-insulation

5 years warranty



Article		WPKR 605 H Twin	WPKR 805 H Twin	WPKR 1005 H Twin	
Capacity buffer/DHW	litre ca	300/288	465/288	720/288	
Continuous output hot water 45 °C/60 °C, VL 80/60 °C	kW	79/61	79/61	79/61	
	l/h BW	1958/1065	1958/1065	1958/1065	
	l/h HZ	3420/2580	3420/2580	3420/2580	
Continuous output hot water 45 °C, VL 50/43 °C	NL	7,0	7,0	7,0	
	kW	27	27	27	
	l/h BW	688	688	688	
	l/h HZ	3420	3420	3420	
	N _L	5,1	5,1	5,1	
Max. working temperature heating/DHW/HE-DHW/HE-solar	°C	95/95/110/160	95/95/110/160	95/95/110/160	
Max. working pressure heating/DHW/HE-DHW/HE-solar	bar	3/10/3/10	3/10/3/10	3/10/3/10	
Capacity of heat exchanger DHW	litre	12	12	12	
Capacity of heat exchanger solar	litre	13	17,5	20	
Heating area heat exchanger DHW	m ²	3,2	3,2	3,2	
Heating area heat exchanger solar	m ²	1,9	2,5	3	
Flow rate of heat exchanger DHW	m ³ /h	2,5	2,5	2,5	
Flow rate of heat exchanger solar	m ³ /h	1,5	1,5	1,5	
Pressure loss of heat exchanger DHW	mbar	75	105	105	
Pressure loss of heat exchanger solar	mbar	70	90	95	
Insulation	mm	100 Neodul-Plus	100 Neodul-Plus	100 Neodul-Plus	
Energy loss	kWh/24h	3,5	3,9	4,1	
Dimensions					
Diameter incl. insulation	D	mm	850	950	990
Diameter tank	d	mm	650	750	790
Height cold water connection	E	mm	1070	1322	1589
Height hot water connection	F	mm	1957	1985	2154
Height circulation hot water	G	mm	1410	1506	1722
Height storage tank	H	mm	1985	2005	2175
Tilting dimension	W	mm	1980	2016	2190
Height aux boiler flow	K	mm	580	720	928
Height aux boiler return	L	mm	250	250	250
Height solar flow	M	mm	770	836	985
Height solar return	N	mm	250	250	250
Height flange	O	mm	1220	1460	1676
Height heat exchanger connection DHW	P	mm	1568	1689	1855
Height vent	Q	mm	917	1187	1456
Height plug for electric heater	R	mm	650	980	1250
Height heat source return	T	mm	770	1000	1220
Height heating flow	U (U)	mm	700 (880)	880 (1160)	1160 (1420)
Height heating return	V	mm	280	280	280
Height sensor socket 1	X1	mm	1500	1660	1871
Weight (empty)		kg	235	263	307
Part No. (white)			47609400191	47809400191	47100940191
Gross price	Euro		2230,-	2430,-	2670,-



Article			WPKR 605 H Twin	WPKR 805 H Twin	WPKR 1005 H Twin
Connections					
Cold water/hot water	1/2	Ga/Gi	1	1	1
Circulation	3	Ga	3/4	3/4	3/4
Solar flow/return	6/7	Gi	1	1	1
Heating flow/return	10/11	Ga	5/4	5/4	5/4
Plug for electric heater	12	Gi	6/4	6/4	6/4
Vent	13	Gi	1/2	1/2	1/2
Inspection flange Ø 180 mm with anode socket	14	Gi	5/4	5/4	5/4
Sensor tubes (*closed at the bottom)	15	Ø mm	14	14	14
Thermometer bushing	16	Ø mm	20	20	20
Heat source DHW flow/return	20/21	Gi/Ga	5/4	5/4	5/4
Heat source heating flow/return	22/23	Ga	5/4	5/4	5/4
Reserve heating	24	Ga	5/4	5/4	5/4

Ga = male thread, Gi = female thread

Accessories	Part No.	Euro
Vent automat G 1/2" outside	09884	16,-
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter	400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	400149	233,-



Combi buffer tanks

Tank-in-tank system WPKR Twin

Application

Gas, oil, pellets, district heating, solar

Standard design

- Buffer tank with straight-tube heat exchanger and integrated DHW storage tank incl. straight-tube heat exchanger, Mg-anode and flange, DHW storage tank with enamelling in certified quality according to DIN 4753, part 3-6, buffer tank internal bare
- Thermometer socket, sensor socket and plug for electric heater
- Can be optionally upgraded with an electric heating element

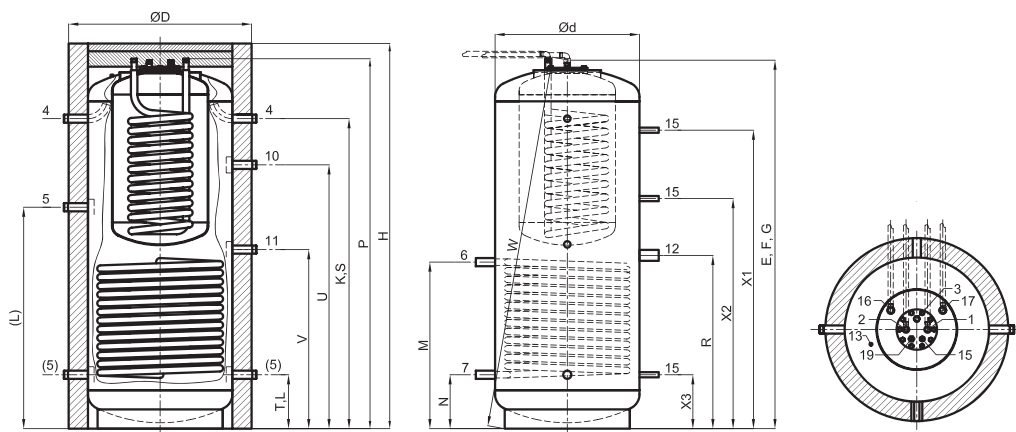


Insulation (white)

100 mm soft foam insulation

5 years warranty

Article		WPKR 600 Twin	WPKR 750 Twin	WPKR 1000 Twin	
Capacity buffer/DHW	litre ca	480/120	572/155	770/155	
Key performance indicator NL acc. to DIN 4708	NL	1,9	3,2	3,2	
Continuous output hot water 45°C/90°C	l/h (kW)	880 (35,2)	1100 (44,7)	1100 (44,7)	
Continuous output hot water 60°C/90°C	l/h (kW)	525 (30,5)	660 (38,3)	660 (38,3)	
Max. working temperature buffer/DHW/solar HE	°C	95/95/160	95/95/160	95/95/160	
Max. working pressure buffer/DHW/solar HE	bar	3/10/16	3/10/16	3/10/16	
Capacity of heat exchanger DHW	litre	5,7	7,4	7,4	
Capacity of heat exchanger solar	litre	14	18	20	
Heating area DHW	m ²	1,3	1,6	1,6	
Heating area heat exchanger DHW	m ²	1,0	1,3	1,3	
Heating area heat exchanger solar	m ²	2,1	2,7	3,0	
Flow rate of heat exchanger DHW	m ³ /h	2,5	2,5	2,5	
Flow rate of heat exchanger solar	m ³ /h	1,5	1,5	1,5	
Pressure loss of heat exchanger DHW	mbar	75	105	105	
Pressure loss of heat exchanger solar	mbar	70	90	95	
Insulation	mm	100 soft foam	100 soft foam	100 soft foam	
Energy loss	kWh/24h	3,3	3,9	4,4	
Dimensions					
Diameter incl. insulation	D	mm	950	1050	
Diameter tank	d	mm	750	850	
Height cold water connection	E	mm	(1620)	(1920)	
Height hot water connection	F	mm	(1620)	(1920)	
Height circulation hot water	G	mm	(1620)	(1920)	
Height storage tank	H	mm	1730	1980	
Tilting dimension	W	mm	1660	1930	
Height aux boiler flow	K	mm	1310	1590	
Height aux boiler return	L (L)	mm	280(850)	280(1150)	
Height solar flow	M	mm	685	865	
Height solar return	N	mm	280	280	
Height heat exchanger connection DHW	P	mm	(1620)	(1920)	
Height plug for electric heater	R	mm	765	580	
Height load circuit flow	S	mm	1310	1590	
Height Heat source return	T	mm	280	280	
Height heating flow	U	mm	1070	1350	
Height heating return	V	mm	630	950	
Height sensor socket 1	X1	mm	1310	1530	
Height sensor socket 2	X2	mm	895	1195	
Height sensor socket 3	X3	mm	280	280	
Weight (empty)		kg	235	300	
Part No. (white)			47488000110	47528000110	47776000110
Gross price	Euro		1879,-	2203,-	2461,-



Article			WPKR 600 Twin	WPKR 750 Twin	WPKR 1000 Twin
Connections					
Cold water/hot water	1/2	Ga	3/4	3/4	3/4
Circulation	3	Ga	3/4	3/4	3/4
Aux boiler flow/return	4/5	Ga	5/4	5/4	5/4
Solar flow/return	6/7	Gi	1	1	1
Heating flow/return	10/11	Ga	5/4	5/4	5/4
Plug for electric heater	12	Gi	6/4	6/4	6/4
Vent	13	Gi	1/8	1/8	1/8
Flange DHW	14	NW	142	142	142
Sensor socket	15	Gi	1/2	1/2	1/2
Heat exchanger DHW	16/17	Ga	3/4	3/4	3/4
Anode	19	Gi	1	1	1

Ga = male thread, Gi = female thread

Accessories	Part No.	Euro
Mounting temperature controller with immersion sleeve R 1/2"	400304	33,-
Mounting temperature controller with limiter and immersion sleeve R 1/2"	400305	50,-
External current anode Correx-up with red. piece 1 - 3/4 x 400 with potentiostat	400318	179,-
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter	400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	400149	233,-
Sensor clip (Omega) for immersion sleeve Ø12,5	400052	5,-
Controller box with temperature controller 230 V	400201	147,-
Circulation kit R3/4"	096090	25,-



Combi buffer tanks

Tank-in-tank system WPK/WPKR

Application

Gas, oil, pellets, district heating, solar (WPKR)

Standard design

- Buffer tank WPKR with one straight-tube heat exchanger and integrated DHW storage tank incl. Mg-anode and flange, DHW storage tank with enamelling in certified quality according to DIN 4753, part 3-6, buffer tank internal bare
- Thermometer socket, sensor socket and plug for electric heater
- Can be optionally upgraded with an electric heating element

Insulation (white, silver)

100 mm soft foam insulation

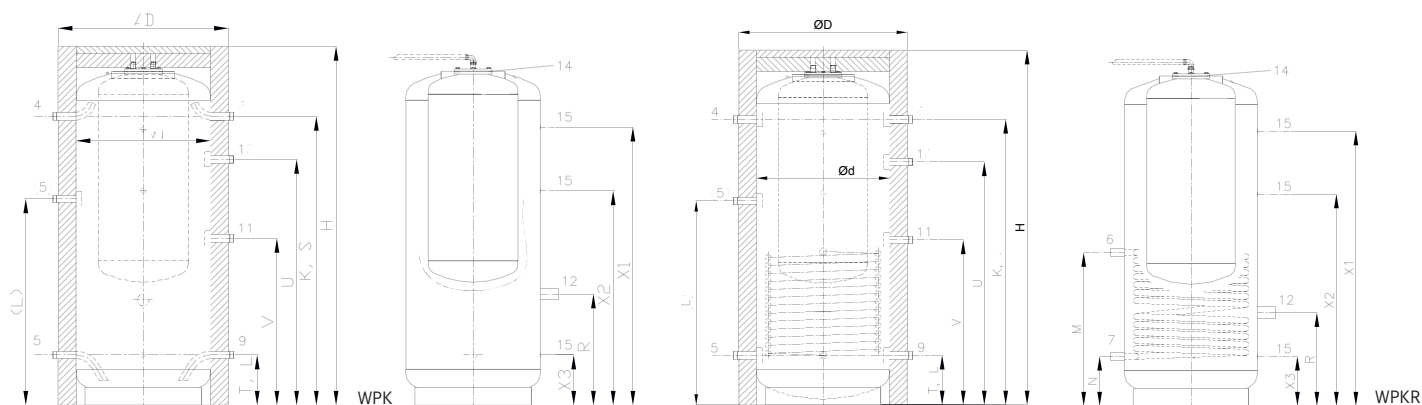
5 years warranty



Article		WPK 750	WPK 1000	WPKR 750	WPKR 1000	
Capacity buffer/DHW	litre ca.	550/200	750/200	527/200	725/200	
Key performance indicator NL acc. to DIN 4708	NL	2,9	2,9	2,9	2,9	
Max. working temperature buffer/DHW/HE	°C	95/95/-	95/95/-	95/95/160	95/95/160	
Max. pressure buffer/DHW/HE	bar	3/10/-	3/10/-	3/10/10	3/10/10	
Capacity of heat exchanger	l	-	-	18	20	
Surface area DHW tank	m ²	2,0	2,0	2,0	2,0	
Surface of heat exchanger	m ²	-	-	2,7	3,0	
Flow rate of heat exchanger	m ³ /h	-	-	5,0	5,0	
Pressure loss heat exchanger	mbar	-	-	340	380	
Insulation	mm	100 soft foam	100 soft foam	100 soft foam	100 soft foam	
Energy loss	kWh/24h	3,9	4,4	3,9	4,4	
Dimensions						
Diameter incl. insulation	D	mm	950	1050	950	1050
Diameter tank	d	mm	750	850	750	850
Height storage tank	H	mm	2000	1980	2000	1990
Tilting dimension	W	mm	1950	1950	1950	1950
Height aux boiler flow	K	mm	1610	1590	1610	1590
Height aux boiler return	L	mm	280 (1150)	280 (1150)	280 (1150)	280 (1150)
Height solar flow	M	mm	-	-	865	865
Height solar return	N	mm	-	-	280	280
Height plug for electric heater	R	mm	620	580	620	580
Height load circuit flow	S	mm	1610	1590	1610	1590
Height load circuit return	T	mm	280	280	280	280
Height heating flow	U	mm	1370	1350	1370	1350
Height heating return	V	mm	930	950	930	950
Height sensor socket 1	X1	mm	1550	1530	1550	1530
Height sensor socket 2	X2	mm	1195	1195	1195	1195
Height sensor socket 3	X3	mm	280	280	280	280
Weight (empty)		kg	200	230	240	280
Part No. (white)			47550100110	47800100110	47527100110	47775100110
Part No. (silver)			47550100182	47800100182	47527100182	47775100182
Gross price		Euro	1577,-	1870,-	2012,-	2270,-



Combi buffer tanks



Article			WPK 750	WPK 1000	WPKR 750	WPKR 1000
Connections						
Cold water/hot water	1/2	Ga	3/4	3/4	3/4	3/4
Circulation	3	Ga	3/4	3/4	3/4	3/4
Aux boiler flow/return	4/5	Ga	5/4	5/4	5/4	5/4
Solar flow/return	6/7	Gi	-	-	1	1
Load flow/return	8/9	Ga	5/4	5/4	5/4	5/4
Heating flow/return	10/11	Ga	5/4	5/4	5/4	5/4
Plug for electric heater	12	Gi	6/4	6/4	6/4	6/4
Vent	13	Gi	1/8	1/8	1/8	1/8
Flange	14	NW	142	142	142	142
Sensor socket	15	Gi	1/2	1/2	1/2	1/2
Anode	19	Gi	3/4	3/4	3/4	3/4

Ga = male thread, Gi = female thread

Accessories	WPK	WPKR	Part No.	Euro
Mounting temperature controller with immersion sleeve R 1/2"	●	●	400304	33,-
Mounting temperature controller with limiter and immersion sleeve R 1/2"	●	●	400305	50,-
External current anode Correx-up R3/4 x 400 with potentiostat	●	●	039788	174,-
Electric back-up heater 2-6 kW, 230/400 V, R 1 1/2" x 500 ET with controller and limiter	●	●	400397	333,-
Electric back-up heater 3 kW, 230 V, G 1 1/2" x 400 ET with controller and limiter	●	●	400149	233,-
Sensor clip (Omega) for immersion sleeve Ø12,5	●	●	400052	5,-
Controller box with temperature controller 230 V	●	●	400201	147,-
Circulation kit R3/4"	●	●	096090	25,-



Buffer tanks

Chilled water buffer tank WKS complete

Application

Heating and cooling

Standard design

- Internal bare, exterior primer-painted for thermal insulation
- 4 connections, sensor socket, drain and vent
- Optional: flange kit up to DIN 80

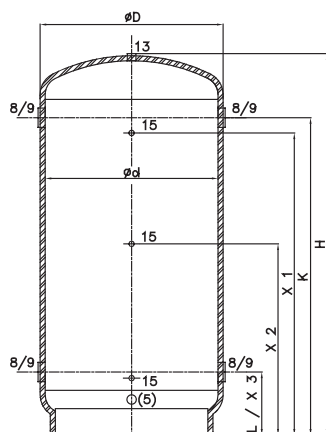
Insulation (silver)

- 25 mm thermal insulation bonded incl. PS-jacket with rosettes and cap

5 years warranty



WKS



Article		WKS 200	WKS 300	WKS 400	WKS 500	WKS 750	WKS 1000	WKS 1500	WKS 2000
Capacity	litre	200	300	400	500	750	1000	1500	2000
Max. working temperature	°C	50	50	50	50	50	50	50	50
Max. working pressure	bar	10	10	10	10	10	10	6	6
Diameter incl. insulation	D mm	552	602	652	652	802	902	1052	1252
Height storage tank	H mm	1270	1550	1630	1960	1970	1920	2130	2090
Tilting dimension	W mm	1285	1570	1650	1980	2000	1980	2180	2200
Height flow	K mm	990	1230	1300	1630	1610	1590	1710	1615
Height return	L mm	220	230	245	245	280	280	340	395
Height sensor socket 1	X1 mm	990	1100	1150	1450	1430	1485	1600	1460
Height sensor socket 2	X2 mm	600	800	850	950	980	940	1000	1010
Height sensor socket 3	X3 mm	220	230	245	245	280	280	340	395
Connections									
Drain	(5) Gi	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
Load flow	8 Gi	1 ½	2	2 ½	2 ½	3	3	3	3
Load return	9 Gi	1 ½	2	2 ½	2 ½	3	3	3	3
Vent	13 Gi	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
Sensor socket	15 Gi	½	½	½	½	½	½	½	½
Part No. (silver)		48212000182	48302000182	48402000182	48502000182	48752000182	48100200182	48150200182	48200200182
Gross price	Euro	925,-	1148,-	1240,-	1326,-	1699,-	1955,-	2792,-	3603,-

Ga = male thread, Gi = female thread



Buffer tanks

Chilled water buffer tank WKS without thermal insulation

Application

Heating and cooling

Standard design

■ 4 connections, sensor socket, drain and vent

Optional

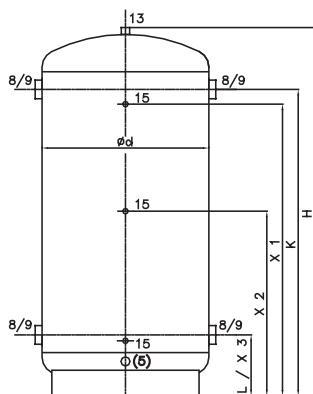
- Additional sockets, flange kit, inspection access hatches, additional fixtures such as feed pipes, nozzle pipes and stocking plates
- 25 mm thermal insulation (kit)
- PS-jacket in silver with rosettes and cap



WKS

Manufactured in compliance with AD 2000 regulations and company standards, manufacturer's certificate for construction and pressure testing.

5 years warranty



Article		WKS 200	WKS 300	WKS 400	WKS 500	WKS 750	WKS 1000	WKS 1500	WKS 2000
Capacity	litre	200	300	400	500	750	1000	1500	2000
Max. working temperature	°C	50	50	50	50	50	50	50	50
Max. working pressure	Bar	10	10	10	10	10	10	6	6
Diameter tank	d mm	500	550	600	600	750	850	1000	1200
Height storage tank	H mm	1270	1550	1630	1960	1970	1920	2130	2090
Tilting dimension	W mm	1285	1570	1650	1980	2000	1980	2180	2200
Height flow	K mm	990	1230	1300	1630	1610	1590	1710	1615
Height return	L mm	220	230	245	245	280	280	340	395
Height sensor socket 1	X1 mm	990	1100	1150	1450	1430	1485	1600	1460
Height sensor socket 2	X2 mm	600	800	850	950	980	940	1000	1010
Height sensor socket 3	X3 mm	220	230	245	245	280	280	340	395
Connections									
Drain	(5) Gi	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
Load flow	8 Gi	1 ½	2	2 ½	2 ½	3	3	3	3
Load return	9 Gi	1 ½	2	2 ½	2 ½	3	3	3	3
Vent	13 Gi	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼	1 ¼
Sensor socket	15 Gi	½	½	½	½	½	½	½	½
Part No.		48211000101	48301000101	48401000101	48501000101	48751000101	48100100101	48150100101	48200100101
Gross price	Euro	380,-	540,-	590,-	620,-	820,-	960,-	1570,-	2160,-

Ga = male thread, Gi = female thread



Chilled water buffer tank WKS 200 – WKS 2000

Description	Part No.	Gross price Euro
Additional sockets		
Socket ½"	400782	23,-
Socket ¾"	400783	28,-
Socket 1"	400784	30,-
Socket 1 ½"	400786	41,-
Socket 2"	400787	47,-
Socket 2 ½"	400788	53,-
Socket 3"	400789	59,-
Socket 4"	400796	73,-
Socket 5"	400799	94,-

Thermal insulation	Part No.	Gross price Euro
Thermal insulation 25 mm		
WKS 200	400475	400,-
WKS 300	400476	456,-
WKS 400	400477	494,-
WKS 500	400478	544,-
WKS 750	400479	706,-
WKS 1000	400480	775,-
WKS 1500	400481	987,-
WKS 2000	400482	1187,-

PS-jacket	Part No.	Gross price Euro
PS-jacket* for 25 mm insulation		
WKS 200	400690	145,-
WKS 300	400691	152,-
WKS 400	400692	156,-
WKS 500	400693	162,-
WKS 750	400694	173,-
WKS 1000	400695	220,-
WKS 1500	400696	235,-
WKS 2000	400697	256,-

*Not available for individual tanks with inspection access hatches.

Flange kit	Part No.	Gross price Euro
consisting of one screwed flange and one nouble nipple for one socket (load return / flow)		
Flange kit 1 ½" x DN 40 PN 16	400650	50,-
Flange kit 2" x DN 50 PN 16	400651	60,-
Flange kit 2 ½" x DN 65 PN 16	400652	81,-
Flange kit 3" x DN 80 PN 16	400653	100,-
Flange kit 4" x DN 100 PN 16	400654	133,-
Flange kit 5" x DN 125 PN 16	400655	174,-

Inspection access hatches	Part No.	Gross price Euro
Hand hole 150 x 100 mm	400797	77,-
Flange NW 200 complete	400798	281,-

Hydraulic switches WHW without insulation

- Flow capacity of up to 125 m³/h
- Made of steel with welded cap and end, inside bare, external corrosion proof lacquer, without insulation
- Standard design with 4 connections, sensor socket G 1/2", vent and drain as well as internal perforated metal plate
- Upwards of 200 litres, with pedestals
- Working pressure 6 bar
- Working temperature 110°C
- Pressure tested



Type	Performance* [KW]				Height mm	Width mm	Weight kg	Number	Connections		Perforated metal plate L mm	Part No.	Gross price Euro	
	Capacity l	Flow capacity m ³ /h	at 15 K	at 20 K					Socket/ flange	Number Socket				
WHW 60	0,8	1,7	29	39	362	120	1,5	4	1"	3	1/2"	96	41 0606 0 0101	85,-
WHW 80	1,7	2,9	50	67	441	136	2,0	4	1 1/4"	3	1/2"	122	41 0806 0 0101	95,-
WHW 100	4,0	4,5	78	104	568	162	4,7	4	1 1/2"	3	1/2"	163	41 1006 0 0101	105,-
WHW 120	5,7	7,0	122	162	632	214	5,5	4	2"	4	1/2"	183	41 1206 0 0101	116,-
WHW 140	10,5	10,0	174	232	759	240	9,0	4	2"	4	1/2"	224	41 1406 0 0101	134,-
WHW 180	14,5	14,2	247	330	733	288	22,0	4	DN 65	5	1/2"	168	41 1806 0 0101	191,-
WHW 200	26,0	33,0	575	767	1010	320	40,0	4	DN 100	5	1/2"	200	41 2006 0 0101	273,-
WHW 250	50,0	50,0	872	1162	1210	370	65,0	4	DN 125	5	1/2"	250	41 2506 0 0101	324,-
WHW 300	87,0	73,0	1273	1697	1410	420	75,0	4	DN 150	5	1/2"	300	41 3006 0 0101	503,-
WHW 400	204,0	125,0	2180	2906	1810	520	145,0	4	DN 200	5	1/2"	400	41 4006 0 0101	613,-

Flow rate s = 0,2 m/s

Hydraulic switches WHW complete

- Technical details and standard design such as WHW, though with insulation
- 40 mm PUR-insulation, demountable, outside with aluminium lamination
- Fire protection class B2 according to DIN 4102



Type	Capacity l	Flow capacity m ³ /h	Part No.	Gross price Euro
WHW 60 complete	0,8	1,7	41060600198	134,-
WHW 80 complete	1,7	2,9	41080600198	146,-
WHW 100 complete	4,0	4,5	41100600198	185,-
WHW 120 complete	5,7	7,0	41120600198	199,-
WHW 140 complete	10,5	10,0	41140600198	221,-
WHW 180 complete	14,5	14,2	41180600198	285,-
WHW 200 complete	26,0	33,0	41200600198	381,-
WHW 250 complete	50,0	50,0	41250600198	445,-
WHW 300 complete	87,0	73,0	41300600198	677,-
WHW 400 complete	204,0	125,0	41400600198	985,-

Safety vessels WVG

- Made of steel sheet for cooling down the solar circuit
- Vessels inside bare, external corrosion proof lacquer
- Standard design with one connection each at the bottom and the top
- Vessels with a volume of 30-75 litres, with wall mounting fixtures
- Vessels with a volume of 100 - 300 litres, with pedestals
- Working pressure 6 bar
- Working temperature 95°C



Type	Capacity l	Height mm	Diameter mm	Weight kg	Connections	Wall mounting fixtures	Pedestals	Part No.	Gross price Euro
WVG 10	10	355	200	5	G 1/2"			41 0106 0 0101	79,-
WVG 20	20	450	245	8	G 1/2"			41 0206 0 0101	84,-
WVG 30	30	650	245	10	G 3/4"	•		41 0306 0 0101	106,-
WVG 50	50	685	318	14	G 3/4"	•		41 0506 0 0101	119,-
WVG 75	75	1015	318	19	G 3/4"	•		41 0756 0 0101	135,-
WVG 100	100	1250	318	23	G 3/4"		•	41 1016 0 0101	156,-
WVG 150	150	1265	400	33	G 1"		•	41 1516 0 0101	180,-
WVG 200	200	1350	450	46	G 1"		•	41 2016 0 0101	209,-
WVG 250	250	1360	500	51	G 1"		•	41 2516 0 0101	218,-
WVG 300	300	1180	600	56	G 1 1/4"		•	41 3016 0 0101	265,-



Flat plate collector WIKOSUN 2020-Mi

Wikora flat plate collector **WIKOSUN 2020-Mi** features a powerful and efficient aluminum plate absorber with a special selective Mirotherm surface. It has a sturdy, lightweight, extruded aluminum profile frame, 4 Cu-tube connections Ø 22mm, as well as an all-around fastening for rails, enabling fast and easy installation.

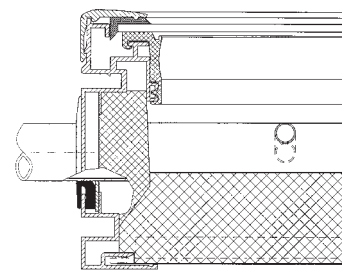
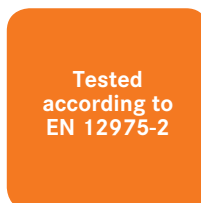
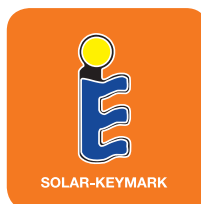
- Suitable for roof, flat roof and roof-integrated mounting*
- Flexible positioning (vertical and horizontal)
- Serial connection for up to 10 collectors
- Fast and easy installation thanks to all-around fastening for rails
- Ideal energy output thanks to excellent thermal insulation
- High operational reliability
- 10 years performance warranty



WIKOSUN 2020-Mi	
Collector gross surface	2,024 m ²
Absorber surface	1,810 m ²
Aperture surface	1,837 m ²
Length x width x depth	2018 x 1000 x 100 mm
Weight	39,0 kg
Cover	3,2 mm safety glass, super transparent, hailstone safe
Connections	Cu-tube Ø 22 mm
Absorber material	Copper on aluminum plate
Absorber coating	Mirotherm
Insulation rear wall	30 mm mineral wool 70 kg/m ³ with glass fibre
Insulation side wall	30 mm mineral wool
Efficiency	$\eta_0 = 79,1\%$
Peak power	1423 Watt / collector
Capacity antifreeze	1,4 l
Max. working pressure	10 bar
Stagnation temperature DIN 4753-3	206 °C

* Roof and flat roof mounting at an angle of 20° - 60°
 Roof-integrated mounting at an angle of 25° - 60°, only vertical

Article	Part No.	Euro
WIKOSUN 2020-Mi in silver	01 1040 0 0101	556,-
WIKOSUN 2020-Mi in black	01 1040 0 0180	556,-










Mounting accessories for WIKOSUN 2020-Mi - tile

Roof mounting, roof angle of 20-60°

Sets consisting of profile rails and baffle plate made of aluminum, roof hook, collector clamps and fastening material made of stainless steel.

Basic kits		Part No.	Euro
	ST-ADM-1Z consisting of	01 2101 0 0101	144,-
	1 x profile rails	01 2111 0 0102	
	1 x fastening-parts kit	01 2101 0 0103	
 or 	ST-ADM-2Z consisting of	01 2121 0 0101	191,-
	1 x profile rails	01 2121 0 0102	
	1 x fastening-parts kit	01 2122 0 0103	
	ST-ADM-3Z consisting of	01 2131 0 0101	275,-
	1 x profile rails	01 2131 0 0102	
	1 x fastening-parts kit	01 2132 0 0103	
	ST-ADM-V Universal connecting set for 2 mounting sets	01 2141 0 0101	21,-
	ST-ADM-AS 30 Universal adjustable rack up to 30° used in connection with ST-ADM	01 2255 0 0101	125,-
Extension kit			
	ST-ADM-0Z consisting of	01 2111 0 0101	104,-
	1 x profile rails	01 2111 0 0102	
	1 x fastening-parts kit	01 2111 0 0103	

Flat roof mounting

Sets consisting of variable racks (30-60°), profile rails and baffle plate made of aluminum, collector clamps and fastening material made of stainless steel.

Basic kits		Part No.	Euro
	ST-FDM-2V consisting of	01 2242 0 0101	421,-
	1 x profile rails	01 2121 0 0102	
	1 x fastening-parts kit	01 2224 0 0103	
	ST-FDM-3V consisting of	01 2243 0 0101	600,-
	1 x profile rails	01 2131 0 0102	
	1 x fastening-parts kit	01 2234 0 0103	
	ST-FDM-1H consisting of	01 2244 0 0101	346,-
	1 x profile rails	01 2121 0 0102	
	1 x fastening-parts kit	01 2221 4 0103	
Extension kit			
	ST-FDM-1HE consisting of	01 2245 0 0101	216,-
	1 x profile rails	01 2121 0 0102	
	1 x fastening-parts kit	01 2231 4 0103	

Roof-integrated mounting, roof angle of 25-60°

Sets consisting of frame made of aluminum, lath brackets, collector clamps and fastening material made of stainless steel.

Basic kits		Part No.	Euro
	ST-IDM-2Z in black	01 2332 1 0101	660,-
	ST-IDM-0Z in black	01 2233 6 0103	490,-
Extension kit			
	ST-IDM-1Z in black	01 2332 1 0102	270,-



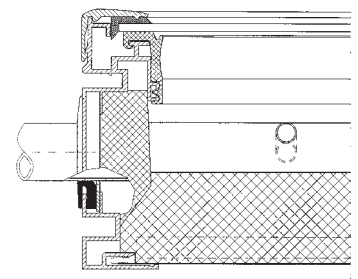
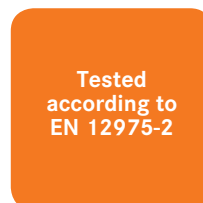
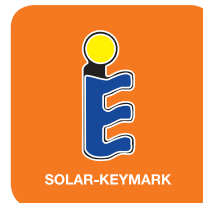
Flat plate collector WIKOSUN 2340-Ti

Wikora flat plate collector **WIKOSUN 2340-Ti** features a powerful and efficient copper plate absorber with a special selective Tinox surface. It has a sturdy, lightweight, extruded aluminum profile frame, 4 Cu-tube connections Ø 22mm, as well as an all-around fastening for rails, enabling fast and easy installation.

- Suitable for roof, flat roof and roof-integrated mounting*
- Flexible positioning (vertical and horizontal)
- Serial connection for up to zu 10 collectors
- Fast and easy installation thanks to all-around fastening
- Ideal energy output thanks to excellent thermal insulation
- High operational reliability
- 10 years performance warranty



WIKOSUN 2340-Ti	
Collector gross surface	2,353 m ²
Absorber surface	2,138 m ²
Aperture surface	2,142 m ²
Length x width x depth	2150 x 1090 x 100 mm
Weight	44,0 kg
Cover	3,2 mm safety glass, super transparent, hailstone safe
Connections	Cu-tube Ø 22 mm
Absorber material	Copper on copper plate
Absorber coating	Tinnox
Insulation rear wall	40 mm mineral wool 70 kg/m ³ with glass fibre
Insulation side wall	30 mm mineral wool
Efficiency	$\eta_0 = 80,1 \%$
Peak power	1713 Watt / collector
Capacity antifreeze	1,6 l
Max. working pressure	10 bar
Stagnation temperature DIN 4753-3	208 °C



* Roof and flat roof mounting at an angle of 20° - 60°
Roof-integrated mounting at an angle of 25° - 60°, only vertical






Article	Part No.	Euro
WIKOSUN 2340-Ti in silver	01 1030 0 0101	640,-
WIKOSUN 2340-Ti in black	01 1050 0 0101	640,-



Mounting accessories for WIKOSUN 2340-Ti - tile





Roof mounting, roof angle of 20-60°

Sets consisting of profile rails and baffle plate made of aluminum, roof hook, collector clamps and fastening material made of stainless steel.

Basic kits		Part No.	Euro
	ST-ADM-1.1Z consisting of	01 2102 0 0101	144,-
	1 x profile rails	01 2112 0 0102	
	1 x fastening-parts kit	01 2101 0 0103	
 or 	ST-ADM-2.1Z consisting of	01 2122 0 0101	191,-
	1 x profile rails	01 2122 0 0102	
	1 x fastening-parts kit	01 2122 0 0103	
	ST-ADM-3.1Z consisting of	01 2132 0 0101	275,-
	1 x profile rails	01 2132 0 0102	
	1 x fastening-parts kit	01 2132 0 0103	
	ST-ADM-V Universal connecting set for 2 mounting sets	01 2141 0 0101	21,-
	ST-ADM-AS 30 Universal adjustable rack up to 30° used in connection with ST-ADM	01 2255 0 0101	125,-
Extension kit			
	ST-ADM-0.1Z consisting of	01 2112 0 0101	104,-
	1 x profile rails	01 2112 0 0102	
	1 x fastening-parts kit	01 2111 0 0103	





Flat roof mounting

Sets consisting of variable racks (30-60°), profile rails and baffle plate made of aluminum, collector clamps and fastening material made of stainless steel.

Basic kits		Part No.	Euro
	ST-FDM-2.1V consisting of	01 2246 0 0101	421,-
	1 x profile rails	01 2122 0 0102	
	1 x fastening-parts kit	01 2224 0 0103	
	ST-FDM-3.1V consisting of	01 2247 0 0101	600,-
	1 x profile rails	01 2132 0 0102	
	1 x fastening-parts kit	01 2234 0 0103	
	ST-FDM-1.1H consisting of	01 2248 0 0101	346,-
	1 x profile rails	01 2122 0 0102	
	1 x fastening-parts kit	01 2221 4 0103	
Extension kit			
	ST-FDM-1.1 HE consisting of	01 2249 0 0101	216,-
	1 x profile rails	01 2122 0 0102	
	1 x fastening-parts kit	01 2231 4 0103	





Roof-integrated mounting, roof angle of 25-60°

Sets consisting of frame, made of aluminum, lath brackets, collector clamps and fastening material made of stainless steel.






Basic kits		Part No.	Euro
	ST-IDM-2.1Z – Tile in black	01 2233 2 0101	660,-
	ST-IDM-2.1S – Slate in black	01 2233 1 0101	660,-
	ST-IDM-0.1Z – Tile in black	01 2235 2 0103	490,-
Extension kit			
	ST-IDM-1.1Z – Tile in black	01 2233 2 0102	270,-
	ST-IDM-1.1S – Slate in black	01 2233 1 0102	270,-



Connection accessories for WIKOSUN 2020-Mi / WIKOSUN 2340-Ti

Basic kits		Part No.	Euro
	ST-AVS-2S consisting of 2 parallel compression fittings 22 mm, 2 compression plugs 22 mm, 1 compression T-fitting 22 x 22 x 1/2", 1 compression elbow 22 x 22 mm, 1 collector immersion sensor pocket 1/2" AG x 160 mm	01 2323 0 0101	50,-
	ST-AVS-2Q consisting of 2 compression T-fitting 22 x 22 x 22, 4 compression plugs 22 mm, 1 compression T-fitting 22 x 22 x 1/2", 1 compression elbow 22 x 22 mm, 1 collector immersion sensor pocket 1/2" AG x 160 mm	01 2325 0 0101	68,-
Extension kit			
	ST-AVS-1S consisting of 2 parallel compression fittings 22 mm	01 2322 0 0101	15,-
	ST-AVS-1Q consisting of 2 compression T-fitting 22 x 22 x 22, 2 compression plugs 22 mm	01 2326 0 0101	32,-
Flexible tube kit			
ST-ADF-1 consisting of 2 flexible stainless steel tubes 700 mm long with 2 CU-pipe ends 22 x 150 mm, UV- and high temperature resistant insulation.		01 2324 0 0101	75,-

Single components

Profile rails WIKOSUN 2020-Mi		Part No.	Euro
ST-ADM-1-P 2 profile rails (35 x 35 x 1075) RAL 9006		01 2111 0 0102	34,-
ST-ADM-2-P 2 profile rails (35 x 35 x 2150) RAL 9006		01 2121 0 0102	71,-
ST-ADM-3-P 2 profile rails (35 x 35 x 3250) RAL 9006		01 2131 0 0102	105,-
Profile rails WIKOSUN 2340-Ti			
ST-ADM-1.1-P 2 profile rails (35 x 35 x 1175) RAL 9006		01 2112 0 0102	34,-
ST-ADM-2.1-P 2 profile rails (35 x 35 x 2350) RAL 9006		01 2122 0 0102	71,-
ST-ADM-3.1-P 2 profile rails (35 x 35 x 3500) RAL 9006		01 2132 0 0102	105,-
Fastening-parts kits WIKOSUN 2020-Mi / 2340-Ti			
Roof mounting kit consisting of roof hooks, collector clamps, baffle plates and screws			
ST-ADM-0-B		01 2111 0 0103	70,-
ST-ADM-1-B		01 2101 0 0103	110,-
ST-ADM-2-B		01 2122 0 0103	120,-
ST-ADM-3-B		01 2132 0 0103	170,-
Flat roof mounting kit consisting of mounting frame, collector clamps, baffle plates and screws			
ST-FDM-2 -VB vertical		01 2224 0 0103	350,-
ST-FDM-3 -VB vertical		01 2234 0 0103	495,-
ST-FDM-1 -HB horizontal		01 2221 4 0103	275,-
ST-FDM-1 -HEB horizontal		01 2231 4 0103	145,-
Roof hooks			
	ST-DH-B - Roof hooks V2A for „plain tile“	05362	14,-
	ST-DH-S - Roof hooks V2A for „slate“	05747	14,-
	ST-DH-Z - Roof hooks V2A for „tile“	10244	14,-
	ST-SS-W - Stair bolt set M10 x 200, for „corrugated sheet iron roofs“ 1 stair bolt, 1 slotted plate, 1 EPDM-seal, 3 nuts	05748	12,-
	ST-KL-B - Clamp for rolled steel joist VA with screws and nuts	05886	12,-
Compressions			
Compression end cap Ø 22 mm		05598	8,-
Compression T-fitting Ø 22 x 22 x 22 mm		05601	15,-
Compression fitting Ø 22 x 22 mm		05599	10,-
Compression elbow 90°, Ø 22 x 22 mm		05597	11,-



Vacuum tube collector WIKOSUN DF 100-6, DF 65-10/20/30

Wikora direct flow vacuum collectors **WIKOSUN DF** feature hailstone safe boron silicate hard glass tubes with efficient copper absorbers with a special selective Tinox surface. The manifold casing consists of aluminum extruded profiles and is insulated inside with compressed mineral wool.

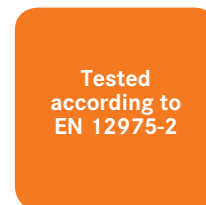
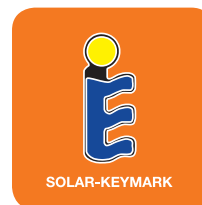
- Suitable for roof, flat roof and wall mounting
- Tilt angle of 0-90°
- Flexible positioning (vertical and horizontal)
- Serial connection for up to 6 collectors
- Optimal alignment to the sun by rotating the tubes
- Fast and easy installation thanks to pre-assembled modules
- Ideal for process heating
- High operational reliability



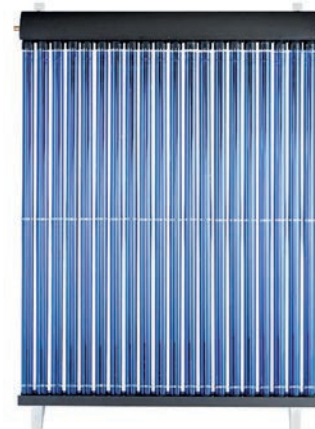
DF 100-6

WIKOSUN DF 100-6	
Number of tubes	6
Collector gross surface	1,59 m ²
Absorber surface	1,07 m ²
Aperture surface	1,12 m ²
Length x width x depth	2206 x 720 x 142 mm
Weight	40,0 kg
Vacuum tubes	Boron silicate hard glass Ø100 mm x 2,7 mm super transparent, hailstone safe
Connections	Cu-tube Ø 22 mm
Insulation manifold casing	Mineral wool compressed and laminated
Efficiency	$\eta_0 = 82,5 \%$
Peak power	882 Watt / collector
Capacity antifreeze	1,4 l
Max. working / testing pressure	6 / 10 bar
Stagnation temperature DIN 4753-3	369 °C

Article	Part No.	Euro
DF 100-6	03 1040 0 0101	920,-
DF 100-6, 30° left	03 1040 1 0101	920,-
DF 100-6, 30° right	03 1040 2 0101	920,-



	WIKOSUN DF 65-10	WIKOSUN DF 65-20	WIKOSUN DF 65-30
Number of tubes	10	20	30
Collector gross surface	1,53 m ²	3,22 m ²	4,66 m ²
Absorber surface	1,00 m ²	2,00 m ²	3,00 m ²
Aperture surface	1,05 m ²	2,10 m ²	3,11 m ²
Length x width x depth	2050 x 770 x 123 mm	2050 x 1570 x 123 mm	2050 x 2275 x 123 mm
Weight	33 kg	64 kg	94 kg
Vacuum tubes	Boron silicate hard glass Ø 65 mm x 2,7 mm super transparent, hailstone safe		
Connections	Cu-tube Ø 22 mm		
Insulation manifold casing	Mineral wool compressed and laminated		
Efficiency Absorber	$\eta_0 = 84,5 \%$	$\eta_0 = 83,3 \%$	$\eta_0 = 83,0 \%$
Peak Power	844 Watt/collector	1688 Watt/collector	2532 Watt/collector
Capacity antifreeze	1,6 l	3,0 l	4,5 l
Max. working / testing pressure	6 / 10 bar	6 / 10 bar	6 / 10 bar
Stagnation temperature, DIN 4753-3	147 °	147 °	147 °



DF 65-20

Article	Part No.	Euro
DF 65-10	03 1060 0 0101	990,-
DF 65-10 F	03 1060 1 0101	1020,-
DF 65-20	03 1070 0 0101	1790,-
DF 65-30	03 1080 0 0101	2590,-



Vacuum tube collector HP 65-20/30

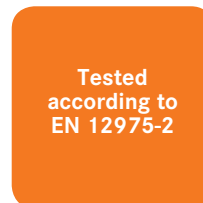
Wikora Heatpipe **WIKOSUN HP 65-20/30** features 20 or 30 hailstone safe boron silicate hard glass tubes with efficient copper absorbers with a special selective Tinox surface. The manifold casing consists of aluminum extruded profiles and is insulated inside with compressed mineral wool.

- Suitable for roof and flat roof mounting
- Tilt angle of 25-90°
- Serial connection for up to 5 or 3 collectors respectively
- Optimal alignment to the sun by rotating the tubes
- Fast and easy installation thanks to pre-assembled modules
- Ideal for process heating
- High operational reliability



	WIKOSUN HP 65-20	WIKOSUN HP 65-30
Number	20	30
Collector gross surface	3,22 m ²	4,66 m ²
Absorber surface	2,00 m ²	3,00 m ²
Length x width x depth	2050 x 1570 x 142 mm	2050 x 2275 x 142 mm
Weight	67,0 kg	82,0 kg
Connections	Cu-tube Ø 22 mm	Cu-tube Ø 22 mm
Efficiency	$\eta_0 = 79,4 \%$	$\eta_0 = 82,6 \%$
Peak power	1575 Watt / collector	2455 Watt / collector
Capacity antifreeze	1,0 l	1,4 l
Max. working / testing pressure	6 / 10 bar	6 / 10 bar
Stagnation temperature DIN 4753-3	252 °C	252 °C

Article	Part No	Euro
HP 65-20	03 1020 0 0101	1750,-
HP 65-30	03 1010 0 0101	2550,-








Mounting and connection accessories vacuum tube collectors





For DF 100-6, DF 65-10/20/30 and HP 65-20/30

Grundsets	Part No.	Euro
ST-ADM-1-BZR tile	03 3010 0 0101	55,-
ST-ADM-1-BSR slate	03 3020 0 0101	55,-
ST-ADM-1-BKR tin roof	03 3030 0 0101	55,-
ST-ADM-1-BWR corrugated sheet iron roof	03 3040 0 0101	55,-
ST-ADM-1-BBR plain tile	03 3050 0 0101	55,-
ST-FDM-1-VR flat roof 45° only DF 65-20/30 and HP 65-20/30	03 5010 0 0101	275,-
ST-BFM-1 DF facade horizontal	03 5020 0 0101	72,-



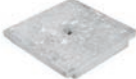

Connection accessories DF 100-6

Connection accessories	Part No	Euro
 ST-AVS-1DF consisting of 2 compression plugs 22 mm, 1 compression cross piece 22 x R3/4FD x Rp1/2 x Rp1/2, 1 compression elbow 22 x 22 x R3/4FD, 1 collector sensor pocket, 1 vent valve R1/2, 2 seals	01 2323 2 0101	55,-
 ST-AVS-1DFE consisting of 2 compression plugs 22 mm, 1 compression cross piece 22 x R3/4FD x Rp1/2 x Rp1/2, 1 compression elbow 22 x 22 x R3/4FD, 1 plug R1/2, 1 vent valve R1/2, 2 seals	01 2323 3 0101	53,-
Extension kit		
 ST-AVS-1S consisting of 2 Compression fittings 22 x 22 mm	01 2322 0 0101	15,-

Connection accessories DF 65-10/20/30 and HP 65-20/30

Connection accessories	Part No	Euro
 ST-AVS-1.1 DF consisting of 1 compression cross piece 22 x R3/4 x Rp1/2, 1 vent valve R 1/2 , 1 compression elbow 22 x R3/4, 1 collector sensor pocket, 2 copper seals, 1 cable fitting 5-7 mm	01 2323 4 0101	47,-
 ST-AVS-1.1 DFE consisting of 1 compression cross piece 22 x R3/4 x Rp1/2, 1 vent valve R 1/2, 1 compression elbow 22 x R3/4, 1 Plug R 1/2, 2 copper seals	01 2323 5 0101	45,-
Extension kit		
 ST-AVS-1.1 S consisting of 1 x compression fitting 22 x 22	01 2322 1 0101	10,-
 ST-AVS-1.2 S consisting of 2 x compression T-fittings 22x22x22	01 2322 2 0101	30,-

Flat roof mounting horizontal for DF 100-6 and DF 65-10

Mounting accessories	Part No	Euro
ST-ADM-1.2-P 2 profile rails (35 x 35 x 780 mm) RAL 9006	01 2113 0 0102	24,-
ST-ADM-2.2-P 2 profile rails (35 x 35 x 1620 mm) RAL 9006	01 2123 0 0102	49,-
ST-ADM-3.2-P 2 profile rails (35 x 35 x 2460 mm) RAL 9006	01 2133 0 0102	74,-
ST-ADM-V Universal connecting set for 2 mounting sets	01 2141 0 0101	21,-
 ST-ADM-1-BM Fastening set for 1 DF to profile rails	01 2113 0 0103	10,-
 ST-FDM-1-BG Set basic plate Alu	01 2113 1 0103	58,-
ST-ADM-2-BW Profile angle set for connection of profile rails	01 2113 2 0103	35,-
 ST-GWE-20 Weight element 400 x 400 x 60 mm (20 kg) for ST-FDM-1BG	01 2113 3 0103	38,-
 ST-BSM-40 Mat for preservation of structures (400 x 400 x 6 mm)	01 2113 4 0103	19,-
ST-FDM-2-BW Profile angle set for connection of profile rails / weight elements	01 2113 5 0103	39,-



Solar pump stations and accessories

Solar pump group in thermal box		Part No.	Euro
Twin circuit pump group DN 20/25 for collector surface from 4 up to ca. 40 m ² consisting of pump, flow meter, safety valve 6 bar, max working pressure according to DIN 4757, manometer 10 bar, 2 thermometers, 2 block valves, 2 non-return valves, 2 connections for filling and draining, block insulation, wall brackets, fixing bolts and compression fittings Ø 22 mm. With MAG connection kit and de aerator.			
	WIK-PG 20/12 – with flow meter up to 12 l/min. for collector surfaces up to 20 m ²	01 5100 6 0101	458,-
	WIK-PG 25/30 – with flow meter up to 30 l/min. for collector surfaces up to 40 m ²	01 5100 2 0101	694,-
Solar pump group in thermal box			
Single circuit pump group DN 25 for collector surfaces from 10 up to 40 m ² consisting of flow meter, thermometer, ball valve, block insulation, wall brackets, fixing bolts and compression fittings Ø 22 mm.			
	WIK-PS 25/14 – with flow meter up to 14 l/min. for collector surfaces up to 20 m ²	01 5100 3 0101	315,-
	WIK-PS 25/30 – with flow meter up to 30 l/min. for collector surfaces up to 40 m ²	01 5100 4 0101	410,-
3-way valve			
3-way-valve for switchover at 2-tank-systems, lifting of return temperature, or targeted stratification at solar combi buffer tanks and solar buffer tanks.			
	WIK-UV – 3-way-valve 3/4", 230 V, -20 up to + 160°C	10491	131,-
Expansion vessel			
Membrane pressure expansion vessel according to 97/23/EG and prEN 1383, filled with nitrogen, preset to 2,5 bar, connection G 3/4", working temperature -10° up to 110° C, with EEC-design certificate			
	WIK-AG 18 – 18 l/max. working pressure 10 bar	01 5318 0 0101	97,-
	WIK-AG 25 – 25 l/max. working pressure 8 bar	01 5325 0 0101	107,-
	WIK-AG 35 – 35 l/max. working pressure 8 bar	01 5333 0 0101	147,-
	WIK-AG 50 – 50 l/max. working pressure 6 bar	01 5350 0 0101	207,-
Solar liquid concentrate			
Forcorrosion and freeze protection in the solar circuit, with high thermal transfer, environmentally friendly, biodegradable according to DIN 4757. With mixing proportion 1:1, antifreeze protection up to -30°C,			
	WIK-PE 10 – Canister with 10 kg	01 5410 0 0101	62,-
Antifreeze tester			
Shaft for propylenglykol to test the antifreeze safety of solar liquids, measuring range of -5° up to - 40°			
	WIK-FSP	01 5800 0 0101	26,-



Solar controllers and accessories

Temperature-differential controller WIK-DR 1 BASIC		Part No.	Euro
<p>Single circuit system with multifunctional LCD display. The controller features 3 inputs for PT 1000 sensors and 1 output 230 V/1A. Standard functions comprise max. tank temperature limiter, temperature difference control, manual operation, collector protection functions, cooling function and system protection function. As additional function the controller offers speed control of the output as well as an error and pump flow control with error message on display (incl. 2 sensors PT 1000), without vacuum tube collector function.</p>			
	WIK-DR 1 BASIC	01 7500 0 0101	230,-
Temperature-differential controller WIK-DR 3 Vision Plus		Part No.	Euro
<p>Twin circuit system with multifunctional LCD display. The controller features 6 inputs for PT 1000 sensors and 3 outputs 230 V/1A. Standard functions comprise max. tank temperature limiter, temperature difference control, manual operation, collector protection functions, cooling function, Antifreeze protection function and vacuum tube collector function. As additional function the controller offers speed control on 2 outputs, wood boiler function, thermostat function, cooling function, 2nd differential temperature regulation, energy productivity measurement, time frame, illuminated display as well as an error and pump flow control with error message on display (incl. 3 sensors PT 1000).</p>			
	WIK-DR 3 Vision Plus	01 7600 0 0101	427,-
Temperature-differential controller WIK-DR 6 GENIUS Plus		Part No.	Euro
<p>Triple circuit system with multifunctional LCD display. The controller features 10 inputs for PT 1000 sensors, 3 of them alternatively for digital input or radiation sensors as well as 7 outputs 230 V/1A with speed control of the output. Standard functions comprise max. tank temperature limiter, temperature difference control, manual operation, collector protection functions, cooling function, vacuum tube collector function, energy productivity measurement, time controlled circulation and thermostat function and free variable multifunction controller. The diagnosis function of the controller enables the monitoring of the system, the sensors and the outputs. All parameters can be digitally changed (sensors PT1000 must be ordered separately).</p>			
	WIK-DR 6 Genius Plus	01 7700 0 0101	590,-
Energy productivity measurement kit		Part No.	Euro
<p>Volume meter with tube contact sensor for the energy productivity measurement in combination with the temperature difference controllers WIK-DR 3 Vision Plus or WIK-DR 6 Genius Plus.</p>			
	WIK-EEES	01 7800 0 0101	147,-
Overvoltage protection		Part No.	Euro
<p>Fine protection for temperature sensor inputs of all WIK-DR controllers.</p>			
	WIK-BD 1	01 7000 0 0101	33,-
Sensors		Part No.	Euro
<p>For all WIK-DR controllers, 6x25 mm sheath of stainless steel, 2.0 m silicon cable</p>			
	WIK-PT 1000	01 7900 0 0101	26,-
Solar automatic air vent		Part No.	Euro
<p>Automatic air vent PURG-O-MAT 150, heat resistant up to 150°C, incl. ball valve 3/8"</p>			
	WIK-ES 150	01 5700 0 0101	64,-
DHW temperature control mixing valve		Part No.	Euro
	DHW temperature control mixing valve	09988	88,-



WIKOSUN 2020-Mi

Roof mounting, vertical, min. roof angle of 20°

Article	Part No.	S20-A	S30-A	S40-A	S50-A	S60-A	S70-A	S80-A	S90-A	S100-A
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2020-Mi	01 10400 0101	2	3	4	5	6	7	8	9	10
Roof mounting accessories										
ST-ADM-2Z Basic set	01 2121 0 0101	1		2	1		2	1		2
ST-ADM-3Z Basic set	01 2131 0 0101		1		1	2	1	2	3	2
ST-ADM-V Universal connecting set	01 2141 0 0101			1	1	1	2	2	2	3
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2200,-	2917,-	3616,-	4343,-	4998,-	5973,-	6628,-	7405,-	8104,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-

Roof-integrated mounting, vertical, min. roof angle of 25°

Article	Part No.	S20-I	S30-I	S40-I	S50-I	S60-I	S70-I	S80-I	S90-I	S100-I
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2020-Mi	01 10400 0180	2	3	4	5	6	7	8	9	10
In-roof mounting accessories										
ST-IDM-2Z Basic set	01 2332 1 0101	1	1	1	1	1	1	1	1	1
ST-IDM-1Z Extension kit	01 2332 1 0102		1	2	3	4	5	6	7	8
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2669,-	3572,-	4413,-	5326,-	6167,-	7284,-	8125,-	9088,-	9929,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-



Flat roof mounting, vertical, 30°- 60°

Article	Part No.	S20-F	S30-F	S40-F	S50-F	S60-F	S70-F	S80-F	S90-F	S100-F
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2020-Mi	01 10400 0 0101	2	3	4	5	6	7	8	9	10
Flat roof mounting accessories										
ST-FDM-2V Basic set	01 2242 0 0101	1		2	1		2	1		2
ST-FDM-3V Basic set	01 2243 0 0101		1		1	2	1	2	3	2
ST-ADM-V Universal connecting set	01 2141 0 0101			1	1	1	2	2	2	3
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2430,-	3242,-	4076,-	4898,-	5648,-	6758,-	7508,-	8380,-	9214,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-

Article	Part No	Euro
S20-A	01 8500 0 0101	2200,-
S30-A	01 8600 0 0101	2917,-
S40-A	01 8700 0 0101	3616,-
S50-A	01 8800 0 0101	4343,-
S60-A	01 8900 0 0101	4998,-
S70-A	01 8100 0 0101	5973,-
S80-A	01 8110 0 0101	6628,-
S90-A	01 8120 0 0101	7405,-
S100-A	01 8130 0 0101	8104,-

Article	Part No	Euro
S20-I	01 8500 2 0101	2669,-
S30-I	01 8600 2 0101	3572,-
S40-I	01 8700 2 0101	4413,-
S50-I	01 8800 2 0101	5326,-
S60-I	01 8900 2 0101	6167,-
S70-I	01 9000 2 0101	7284,-
S80-I	01 9100 2 0101	8125,-
S90-I	01 9200 2 0101	9088,-
S100-I	01 9300 2 0101	9929,-

Article	Part No	Euro
S20-F	01 8500 1 0101	2430,-
S30-F	01 8600 1 0101	3242,-
S40-F	01 8700 1 0101	4076,-
S50-F	01 8800 1 0101	4898,-
S60-F	01 8900 1 0101	5648,-
S70-F	01 8330 1 0101	6758,-
S80-F	01 8344 1 0101	7508,-
S90-F	01 8350 1 0101	8380,-
S100-F	01 8400 1 0101	9214,-

Please note:

The recommended flow rate through the collector field is 2 litres / min per collector. Pipe work length and diameter should be factored for system volumes, and pump flow rates. The above mentioned data is not necessarily an "as built kit" and is for guidance purposes only.

The above mentioned data is based on a single-family home and an overall pipe length of less than 18 m and a heat exchanger capacity of max. 16 litres. **The list does not replace a detailed planning by a specialist.**



WIKOSUN 2340-Ti

Roof mounting, vertical, min. roof angle of 20°

Article	Part No	S2N-A	S3N-A	S4N-A	S5N-A	S6N-A	S7N-A	S8N-A	S9N-A	S10N-A
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2340-Ti	01 10300 0101	2	3	4	5	6	7	8	9	10
Roof mounting accessories										
ST-ADM-2.1Z Basic set	01 2122 0 0101	1		2	1		2	1		2
ST-ADM-3.1Z Basic set	01 2132 0 0101		1		1	2	1	2	3	2
ST-ADM-V Universal connecting set	01 2141 0 0101			1	1	1	2	2	2	3
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2306,-	3045,-	3828,-	4577,-	5316,-	6375,-	7114,-	7892,-	8696,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-

Roof-integrated mounting, vertical, min. roof angle of 25°

Article	Part No	S2N-I	S3N-I	S4N-I	S5N-I	S6N-I	S7N-I	S8N-I	S9N-I	S10N-I
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2340-Ti	01 10500 0101	2	3	4	5	6	7	8	9	10
In-roof mounting accessories										
ST-IDM-2.1Z Basic set	01 2233 2 0101	1	1	1	1	1	1	1	1	1
ST-IDM-1.1Z Extension kit	01 2233 2 0102		1	2	3	4	5	6	7	8
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2775,-	3700,-	4625,-	5560,-	6761,-	7686,-	8611,-	9596,-	10521,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-



Flat roof mounting, vertical, 30°- 60°

Article	Part No	S2N-F	S3N-F	S4N-F	S5N-F	S6N-F	S7N-F	S8N-F	S9N-F	S10N-F
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Flat plate collector WIKOSUN 2340-Ti	01 10300 0 0101	2	3	4	5	6	7	8	9	10
Flat roof mounting accessories										
ST-FDM-2.1V Basic set	01 2246 0 0101	1		2	1		2	1		2
ST-FDM-3.1V Basic set	01 2247 0 0101		1		1	2	1	2	3	2
ST-ADM-V Universal connecting set	01 2141 0 0101			1	1	1	2	2	2	3
ST-AVS-2S Connection kit	01 2323 0 0101	1	1	1	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5	6	7	8
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1				
WIK-PG 25/30	01 5100 2 0101						1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1						
WIK-AG 25	01 5325 0 0101				1	1				
WIK-AG 35	01 5333 0 0101						1	1		
WIK-AG 50	01 5350 0 0101								1	1
Solar liquid concentrate WIK-PE 10 (dependent on system size)	01 5410 0 0101	1	2	2	3	3	3	3	4	4
Solar controller WIK-DR 1	01 7500 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		2536,-	3370,-	4288,-	5132,-	5966,-	7160,-	7994,-	8888,-	9806,-
Flexible tube kit (optional)	01 2324 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro		75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-	75,-

Article	Part No	Euro
S2N-A	01 8270 0 0101	2306,-
S3N-A	01 8290 0 0101	3045,-
S4N-A	01 8310 0 0101	3828,-
S5N-A	01 8300 0 0101	4577,-
S6N-A	01 8320 0 0101	5316,-
S7N-A	01 8330 0 0101	6375,-
S8N-A	01 8344 0 0101	7114,-
S9N-A	01 8350 0 0101	7892,-
S10N-A	01 8400 0 0101	8696,-

Article	Part No	Euro
S2N-I	01 8270 2 0101	2775,-
S3N-I	01 8290 2 0101	3700,-
S4N-I	01 8310 2 0101	4625,-
S5N-I	01 8300 2 0101	5560,-
S6N-I	01 8320 2 0101	6761,-
S7N-I	01 8330 2 0101	7686,-
S8N-I	01 8344 2 0101	8611,-
S9N-I	01 8350 2 0101	9596,-
S10N-I	01 8400 2 0101	10521,-

Article	Part No	Euro
S2N-F	01 8270 1 0101	2536,-
S3N-F	01 8290 1 0101	3370,-
S4N-F	01 8310 1 0101	4288,-
S5N-F	01 8300 1 0101	5132,-
S6N-F	01 8320 1 0101	5966,-
S7N-F	01 9000 1 0101	7160,-
S8N-F	01 9100 1 0101	7994,-
S9N-F	01 9200 1 0101	8888,-
S10N-F	01 9300 1 0101	9806,-

Please note:

The recommended flow rate through the collector field is 2 litres / min per collector. Pipe work length and diameter should be factored for system volumes, and pump flow rates. The above mentioned data is not necessarily an "as built kit" and is for guidance purposes only.

The above mentioned data is based on a single-family home and an overall pipe length of less than 18 m and a heat exchanger capacity of max. 16 litres. **The list does not replace a detailed planning by a specialist.**



WIKOSUN DF 65-10/20/30

Roof mounting, vertical, min. roof angle of 30°

Article	Part No	Number of tubes									
		10	20	30	40	50	60	70	80	90	
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	
Vacuum tube collector											
DF 65-10	03 1060 0 0101	1									
DF 65-20	03 1070 0 0101		1		2	1		2	1		
DF 65-30	03 1080 0 0101			1		1	2	1	2	3	
Roof mounting accessories											
ST-ADM-1-BZR Tile*	03 3010 0 0101	1	1	1	2	2	2	3	3	3	
ST-ADM-1-BSR Slate*	03 3020 0 0101	1	1	1	2	2	2	3	3	3	
ST-ADM-1-BKR Tin roof*	03 3030 0 0101	1	1	1	2	2	2	3	3	3	
ST-ADM-1-BWR Corrugated sheet iron roof*	03 3040 0 0101	1	1	1	2	2	2	3	3	3	
ST-ADM-1-BBR Plain tile*	03 3050 0 0101	1	1	1	2	2	2	3	3	3	
ST-AVS-1.1DF Connection kit	01 2323 4 0101	1	1	1	1	1	1	1	1	1	
ST-AVS-1.1S Connection-Extension kit	01 2322 1 0101				1	1	1	2	2	2	
Solar pump station											
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1	1	1	1	
Expansion vessel											
WIK-AG 18	01 5318 0 0101	1	1	1	1	1					
WIK-AG 25	01 5325 0 0101						1	1	1	1	
Solar liquid concentrate WIK-PE 10	01 5410 0 0101	1	1	1	2	2	2	3	3	3	
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1	1	1	1	
Gross price/Euro			2136,-	2936,-	3736,-	4853,-	5653,-	6463,-	7580,-	8380,-	9180,-

* optional

Flat roof mounting, vertical

Article	Part No	Number of tubes								
		20	30	40	50	60	70	80	90	
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty	
Vacuum tube collector										
DF 65-10	03 1060 0 0101									
DF 65-20	03 1070 0 0101	1		2	1		2	1		
DF 65-30	03 1080 0 0101		1		1	2	1	2	3	
Flat roof mounting accessories										
ST-FDM-1-VR Flat roof	03 5010 0 0101	1	1	2	2	2	3	3	3	
ST-AVS-1.1DF Connection kit	01 2323 4 0101	1	1	1	1	1	1	1	1	
ST-AVS-1.1S Connection-Extension kit	01 2322 1 0101			1	1	1	2	2	2	
Solar pump station										
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1	1	1	1
Expansion vessel										
WIK-AG 18	01 5318 0 0101	1	1	1	1					
WIK-AG 25	01 5325 0 0101					1	1	1	1	
Solar liquid concentrate WIK-PE 10	01 5410 0 0101	1	1	2	2	2	3	3	3	
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1	1	1	1
Gross price/Euro			3156,-	3956,-	5293,-	6093,-	6903,-	8240,-	9040,-	9840,-



Flat roof mounting, horizontal

Article	Part No	Number of tubes					
		10	20	30	40	50	60
		Qty	Qty	Qty	Qty	Qty	Qty
Vacuum tube collector							
DF 65-10	03 1060 0 0101	1	2	3	4	5	6
Mounting accessories flat roof							
ST-ADM-1.2 P Profile rails (2 Qty 35 x 35 x 780 mm)	01 2113 0 0102	1					
ST-ADM-2.2 P Profile rails (2 Qty 35 x 35 x 1620 mm)	01 2123 0 0102	1	2	1	3	3	2
ST-ADM-3.2 P Profile rails (2 Qty 35 x 35 x 2460 mm)	01 2133 0 0102			1		1	2
ST-ADM-V Universal connecting set	01 2141 0 0101				1	1	1
ST-ADM-1 BM Fastening set	01 2113 0 0103	1	2	3	4	5	6
ST-FDM-1-BG Set basic plate Alu	01 2113 1 0103	4	4	6	6	8	8
ST-ADM-2-BW Profile angle set	01 2113 2 0103	2	2	2	2	2	4
ST-GWE-20 Weight element 400 x 400 x 60 mm (20 kg) for ST-FDM-1BG	01 2113 3 0103	4*	4*	6*	6*	8*	8*
ST-BSM-40 Mat for preservation of structures (400 x 400 x 6 mm)	01 2113 4 0103	4	4	6	6	8	8
ST-AVS-1.1 DF Connection kit	01 2323 4 0101	1	1	1	1	1	1
ST-AVS-1.1S Connection-Extension kit	01 2322 1 0101		1	2	3	4	5
Solar pump station							
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1
Expansion vessel							
WIK-AG 18	01 5318 0 0101	1	1	1	1	1	
WIK-AG 25	01 5325 0 0101						1
Solar liquid concentrate	01 5410 0 0101	1	1	1	2	2	2
WIK-PE 10							
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1
Gross price/Euro		2694,-	3729,-	4994,-	6111,-	7425,-	8540,-

* Min. load must be adjusted to the local conditions.



WIKOSUN DF 100-6

Roof mounting, vertical, min. roof angle of 30°

Article	Part No	Number of tubes					
		6	12	18	24	30	36
		Qty	Qty	Qty	Qty	Qty	Qty
Vacuum tube collector							
DF 100-6	03 1040 0 0101	1	2	3	4	5	6
Roof mounting accessories							
ST-ADM-1-BZR Tile*	03 3010 0 0101	1	2	3	4	5	6
ST-ADM-1-BSR Slate*	03 3020 0 0101	1	2	3	4	5	6
ST-ADM-1-BKR Tin roof*	03 3030 0 0101	1	2	3	4	5	6
ST-ADM-1-BWR Corrugated sheet iron roof*	03 3040 0 0101	1	2	3	4	5	6
ST-ADM-1-BBR Plain tile*	03 3050 0 0101	1	2	3	4	5	6
ST-AVS-1DF Connection kit	01 2323 2 0101	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5
Solar pump station							
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1
Expansion vessel							
WIK-AG 18	01 5318 0 0101	1	1	1	1	1	
WIK-AG 25	01 5325 0 0101						1
Solar liquid concentrate	01 5410 0 0101	1	1	1	2	2	2
WIK-PE 10							
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1
Gross price/Euro		2074,-	3064,-	4054,-	5106,-	6096,-	7096,-

* optional

Flat roof mounting, horizontal

Article	Part No	Number of tubes					
		6	12	18	24	30	36
		Qty	Qty	Qty	Qty	Qty	Qty
Vacuum tube collector							
DF 100-6	03 1040 0 0101	1	2	3	4	5	6
Flat roof mounting accessories							
ST-ADM-1.2 P Profile rails (2 Qty 35 x 35 x 780 mm)	01 2113 0 0102	1					
ST-ADM-2.2 P Profile rails (2 Qty 35 x 35 x 1620 mm)	01 2123 0 0102	1	2	1	3	3	2
ST-ADM-3.2 P Profile rails (2 Qty 35 x 35 x 2460 mm)	01 2133 0 0102			1		1	2
ST-ADM-V Universal connecting set	01 2141 0 0101				1	1	1
ST-ADM-1 BM Fastening set	01 2113 0 0103	1	2	3	4	5	6
ST-FDM-1-BG Set basic plate Alu	01 2113 1 0103	4	4	6	6	8	8
ST-ADM-2-BW Profile angle set	01 2113 2 0103	2	2	2	2	4	4
ST-GWE-20 Weight element 400 x 400 x 60 mm (20 kg) for ST-FDM-1BG	01 2113 3 0103	4*	4*	6*	6*	8*	8*
ST-BSM-40 Mat for preservation of structures (400 x 400 x 6 mm)	01 2113 4 0103	4	4	6	6	8	8
ST-AVS-1DF Connection kit	01 2323 2 0101	1	1	1	1	1	1
ST-AVS-1S Connection-Extension kit	01 2322 0 0101		1	2	3	4	5
Solar pump station							
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1
Expansion vessel							
WIK-AG 18	01 5318 0 0101	1	1	1	1	1	
WIK-AG 25	01 5325 0 0101						1
Solar liquid concentrate	01 5410 0 0101	1	1	1	2	2	2
WIK-PE 10							
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1
Gross price/Euro		2632,-	3602,-	4502,-	5854,-	7173,-	8153,-

* Min. load must be adjusted to the local conditions.



WIKOSUN HP 65-20/30

Roof mounting, vertical, min. roof angle of 30°

Article	Part No	Number of tubes							
		20	30	40	50	60	70	80	90
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Vacuum tube collector									
HP 65-20	03 1020 0 0101	1		2	1		2	1	
HP 65-30	03 1010 0 0101		1		1	2	1	2	3
Roof mounting accessories									
ST-ADM-1-BZR Tile*	03 3010 0 0101	1	1	2	2	2	3	3	3
ST-ADM-1-BSR Slate*	03 3020 0 0101	1	1	2	2	2	3	3	3
ST-ADM-1-BKR Tin roof*	03 3030 0 0101	1	1	2	2	2	3	3	3
ST-ADM-1-BWR Corrugated sheet iron roof*	03 3040 0 0101	1	1	2	2	2	3	3	3
ST-ADM-1-BBR Plain tile*	03 3050 0 0101	1	1	2	2	2	3	3	3
ST-AVS-1.1DF Connection kit	01 2323 4 0101	1	1	1	1	1	1	1	1
ST-AVS-1.1S Connection-Extension kit	01 2322 1 0101			1	1	1	2	2	2
Solar pump station									
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1	1	1
Expansion vessel									
WIK-AG 18	01 5318 0 0101	1	1	1	1				
WIK-AG 25	01 5325 0 0101					1	1	1	1
Solar liquid concentrate WIK-PE 10	01 5410 0 0101	1	1	2	2	2	3	3	3
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1	1	1
Gross price/Euro		2896,-	3696,-	4773,-	5573,-	6383,-	7460,-	8260,-	9060,-

* optional

Flat roof mounting, vertical

Article	Part No	Number of tubes							
		20	30	40	50	60	70	80	90
		Qty	Qty	Qty	Qty	Qty	Qty	Qty	Qty
Vacuum tube collector									
HP 65-20	03 1020 0 0101	1		2	1		2	1	
HP 65-30	03 1010 0 0101		1		1	2	1	2	3
Mounting accessories flat roof									
ST-FDM-1-VR Flat roof	03 5010 0 0101	1	1	2	2	2	3	3	3
ST-AVS-1.1DF Connection kit	01 2323 4 0101	1	1	1	1	1	1	1	1
ST-AVS-1.1S Connection-Extension kit	01 2322 1 0101			1	1	1	2	2	2
Solar pump station									
WIK-PG 20/12	01 5100 6 0101	1	1	1	1	1	1	1	1
Expansion vessel									
WIK-AG 18	01 5318 0 0101	1	1	1	1				
WIK-AG 25	01 5325 0 0101					1	1	1	1
Solar liquid concentrate WIK-PE 10	01 5410 0 0101	1	1	2	2	2	3	3	3
Solar controller WIK-DR 3	01 7600 0 0101	1	1	1	1	1	1	1	1
Gross price/Euro		3116,-	3916,-	5213,-	6013,-	6823,-	8120,-	8920,-	9720,-

Please note:

The recommended flow rate through the collector field is 2 litres / min per collector. Pipe work length and diameter should be factored for system volumes, and pump flow rates. The above mentioned data is not necessarily an "as built kit" and is for guidance purposes only.

The above mentioned data is based on a single-family home and an overall pipe length of less than 18 m and a heat exchanger capacity of max. 16 litres. **The list does not replace a detailed planning by a specialist.**



Form individual tanks

Please complete entirely and return to fax number +49-7322-9605-30. Thank you.

Distributor _____		
Street _____		
Postal Code, City _____		
Contact _____	Phone _____	Fax _____

Application _____

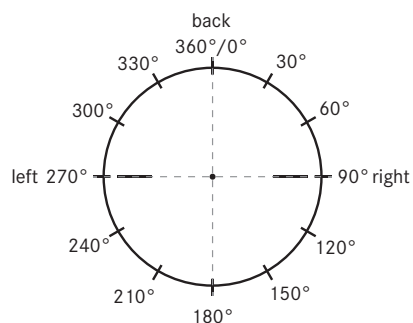
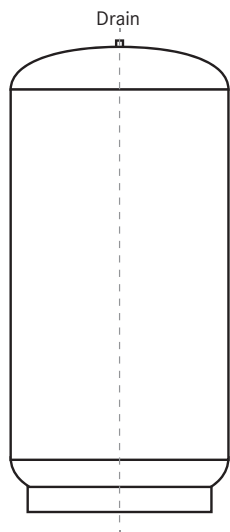
Volume _____ l

Working pressure _____ bar

Working temperature _____ °C

Tank inside bare enamelled primer-painted for thermal insulation

Insulation 100 mm soft foam 100 mm fleece Colour RAL _____



Connection legend for connections, further fixtures and accessories

Pos.	Description	Dimension Ga/Gi ¹⁾ /DN	Design	Qty	Height ²⁾ [mm]	Pos. [°]	Gross price 01/2014 [€]
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
Gross price Individual Tank							

Other _____

¹⁾ Ga = male thread, Gi = female thread
²⁾ measured from the bottom

Date _____

Signature _____



Please complete carefully. Incompletely submitted data sheets cannot be processed. Thank you.

Contact Data	
Name _____	
Street _____	
Postal Code, City _____	
Phone _____	Mobile _____
Fax _____	E-Mail _____
Project address _____	Distributor _____

1. Project

- Single-family home
- Multi-family house with _____ apartments
- at planning stage new construction old building

2. Solar requirement

- DHW
- Space heating
- Swimming pool heating

3. Estimated hot water consumption

Number of persons: _____
(in the case of multi-family houses please indicate total number)

Estimated water consumption (45 °C) per person per day:

- Low ca. 30 litres
- Medium ca. 50 litres
- High ca. 80 litres

4. Installed / planned system details

DHW storage tank:

- Yes, capacity _____ litre No
- Standard tank In the boiler
- Combi buffer tank Buffer tank
- Hygienic tank / Instantaneous DHW station

Height of tank installation room: _____ m

Minimale door width: _____ m (please pay attention to transport)

Heating type:

- Oil Gas Electrical District heating
- Heat pump
- Other _____

Brand: _____ Year: _____ Type: _____

Performance: _____

Fuel consumption approx. _____ litres/Year, m³/Year, kWh/Year

5. Space heating support only:

(Recommended for surface radiator heaters or low return temperature heating flow/return as in underfloor heating systems)

Floor area: _____ m²

Aux boiler flow/return: _____ / _____ °C

Heating requirement: _____ W/m²



6. Swimming pool heating

Dimensions (Length x width x depth) _____

Indoor Outdoor

Open situation Protected situation

Desired water temperature _____ °C

Room temperature: _____ °C

Aux heating available by boiler Yes No

In pool cover in use Yes No

Expected usage May - August April - September

All season (indoor)

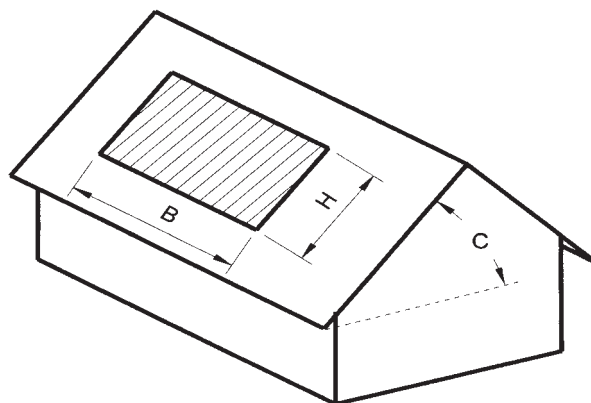
Bather per day: _____

7. Construction conditions

Useful roof length H: _____ m

Useful roof width B: _____ m

Roof angle C: _____ °



8. Mounting of the collectors

Roof mounting

Free standing (Flat roof)

Roof-integrated Other _____

9. Alignment of the collectors

East

South

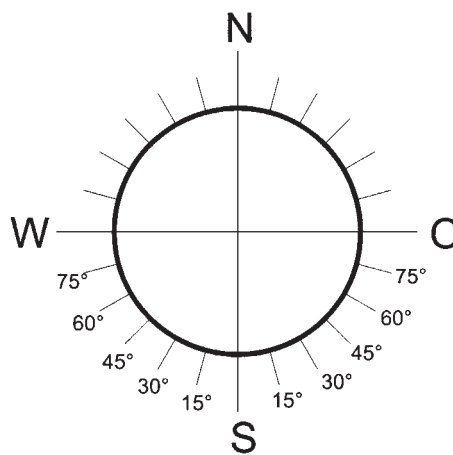
West

Are the collectors shadowed during the day?

Yes No

from _____ h

until _____ h



10. Roof coverage

Tile Slate, clapboard

Other: _____

11. Pipelines

Do the pipelines exist already to the collector from the tank ?

Yes Copper, Ø _____ Steel, Ø _____

No

Distance of the pipelines tank - collector:

ca. _____ m

12. Desired date of implementation:

General Terms and Conditions of Sale and Delivery

1. Scope

All sales shall be concluded at the following stipulations, which shall be deemed to be accepted at the placement of an order. Agreements at variance with these terms and conditions only become an element of the contract if this is expressly agreed to in writing. These Terms and Conditions of Sale and Delivery are subject to change without notice.

2. Quotations

Our quotations are subject to confirmation and are not binding. All details in catalogs, brochures and price lists are non-binding, as they are subject to design changes.

3. Orders

Deals and other agreements, in particular to the extent that they deviate from our terms and conditions, only become legally binding through our written order confirmation. The order confirmation becomes effective upon receipt by the partner to the contract. The invoice shall replace the order confirmation in the event of immediate execution of the order. Goods purchased for foreign countries may only be delivered in the country indicated by us and may not be used domestically. The direct or indirect forwarding of goods abroad that were purchased domestically is prohibited. Total gas devices may only be sold to the specialized companies licensed by the local gas supply company. For each case of non-compliance, we are entitled to take legal action against the partner to the contract for the lost profit in the specific case and to require a contractual penalty in the amount of 25% of the stipulated purchase price. If the goods are brought to a different location or an address other than that indicated on the invoice, then all benefits that have been granted to the specified recipient must be refunded in addition to EUR 100.- per unit, but no less than two times the value of the benefit. We reserve the right to make a proportional price increase for all orders with a duration of more than 3 months after conclusion of the purchase contract, if raw material or wage price increases occur after conclusion of the purchase contract or other circumstances - for which we are not responsible - make manufacturing more expensive. If material costs of main components increase by more than 5 % an immediate price increase can be applied.

4. Prices

The prices are calculated according to the terms of our price list valid at conclusion of the contract and are calculated ex factory in Euro without VAT. Freight and packaging will be invoiced separately at cost. For shipments to third party recipients, we are entitled to assess a surcharge in the amount of 5% of the merchandise value.

5. Delivery date

Specified delivery dates are non-binding. Delayed deliveries do not create an entitlement to the cancellation of the order or to the assertion of damage claims. Partial deliveries are permissible. For delayed delivery, the purchaser is only entitled to withdraw from the contract after a notice of default and the granting of a reasonable grace period, to the extent that the goods have not been reported to be ready for shipping by the expiration of the deadline. In the event of partial default, withdrawal from the entire contract is only possible if the purchaser is not interested in the partial fulfillment. Liability for slight negligence is barred for damages caused by delay. Acts of God, war or states of siege, official decrees, riots, traffic and operational disruptions, supply or raw material shortages by us or our suppliers, as well as all circumstances for which we are not responsible, entitle us to withdraw from the contract or to postpone the delivery by the duration of the hindrance, to the exclusion of claims for damages.

6. Acceptance

Goods not called up in time can be charged and brought to shipping. For storage of finished goods, we are entitled to create invoices and to require payment after expiration of the goal. The additional storage shall occur at the cost of the purchaser and can be charged to the purchaser.

7. Shipping and transfer of the risk

Risk shall transfer to the purchaser with the transfer of the goods to the shipper or freight carrier, however no later than when the goods leave the factory or storage. This also applies when carriage paid delivery is agreed to. One-way packaging shall not be returned.

8. Warranty and guarantee

Warranty

The warranty for our products is based on the legal provisions of the general Civil Code and the Consumer Protection Act.

Full warranty of tanks

In addition, defective appliances are replaced within the framework of our full warranty within 1 year, as of the date of the invoice, including the replacement, procurement and incidental costs. As far as our hot-water heaters and pressurized boilers are concerned, the warranty amounts for 6 months, as of the date of the invoice.

Guarantee of tanks

Subsequent to the full warranty, defective enameled tanks are replaced within 4 years (5 years in total) and hygienic tanks within 9 years (10 years in total) within the framework of our guarantee. Preconditions are that the limits of the valid DHW regulations have been respected, the anode has been examined for the first time after 2 years and afterwards annually and that the anode has been replaced by an original Wikora anode (individual receipts needed) by a specialized company.

Solar collectors

A separate written guarantee applies for all solar collectors.

Warranty for accessories and spare parts

Defective accessories and spare parts are replaced within 1 year, as of the date of the invoice.

All other claims are excluded. Repairs and costs which occur due to damage, inappropriate installation, chemical, electrochemical or electrical influences, incorrect operation or improper manipulation, are excluded. Furthermore, the warranty becomes invalid if the appliance has been modified through the installation of externally supplied parts or through irregular professional maintenance.

9. Notification of defects - returns

The goods must be inspected by the purchaser immediately after arrival at the place of destination and must be handled with the care of a prudent businessman. Potential damage must be noted on the delivery receipt belonging to the shipment and sent to us promptly. Transportation damage must be complained of directly to the shipper or freight carrier. If the inspection is omitted or if defects are not lodged with us in writing within 8 days after receipt of the delivery, then any claim resulting from defects in the goods is barred. **Returns without our clearance or freight collect returns will not be accepted.**

10. Terms of Payment

Pricing and calculation shall be done in Euro without VAT. The VAT will be invoiced separately. Invoices are - to the extent not otherwise stipulated in writing - must be settled within 30 days after the invoice date without deduction. The purchaser shall bear the risk of transmitting the invoice amount to us or to the payment office commissioned by us. The obligation for payment of the purchase price is only fulfilled with the receipt of the amount by us, by our payment center or with the receipt at our giro account or bank account. The purchaser shall bear all costs for the transmission of the payment amount to us. This applies especially for note charges. Default interest in the amount of the respective bank interest shall be charged in the event of the credit period being exceeded, irrespective of any further rights. Drafts will only be accepted on account of payment on the basis of express written agreement. Credits for checks and drafts are always effective subject to payment and occur with value setting of the day on which we can dispose of the proceeds. If the purchaser defaults on his payments, we are then entitled to withdraw from the contract or to require damages due to non-performance. This also applies for unsatisfactory information regarding the financial situation of the purchaser, whereby payment can be required for goods already delivered before the due date of the invoice. Information from banks, SCHUFA (German credit reporting agency) or a recognized commercial credit agency shall suffice for the proof of negative information. Furthermore, the resale or the return of the collateral ownership in the delivered goods can be required at the cost of the purchaser. The purchaser authorizes us even now in the cases designated to enter the factory of the purchaser and to remove the goods; the removal shall not be deemed to be withdrawal from the contract. For orders not yet transacted, we are entitled to change the terms of payment, to require prepayments or to withdraw from the contract. Furthermore, we are entitled to the right to immediately pull all circulating exchange, drafts and checks from circulation, allowing for the deduction of all costs. Offsets can only be made, if the counterclaim is uncontested or has been determined by a court of law. Legal performance standards and rights of retention from earlier contracts are excluded. Potential credit entries shall always be deemed to be credit notes. A refund is expressly excluded.

11. Retention of title

The goods delivered by us shall remain the property of the supplier up to the complete payment of the total receivables accrued from the business relationship. The goods may neither be pledged nor assigned as security without our consent. The purchaser must immediately inform us of any garnishment by third party and to provide assistance necessary for the protection of all rights. The seller is entitled to resell the delivered goods even before payment is due within the orderly course of business. For this purpose, the purchaser assigns in advance all claims he is entitled to from the resale of the goods delivered by us against his customer in the amount of the purchase price or invoice amount at the conclusion of the purchase contract, as security. However, we are entitled at any time to demands details regarding the debtors and the particulars of the receivables and to independently collect the receivable of the garnishee. As long as the purchaser discharges his claims in respect to us, he is authorized to collect the assigned receivables. In the event of default in payment, we are entitled to the proceeds collected and they must be delivered to us. Processing and conversion of the goods subject to retention of title occurs for us as a manufacturer pursuant to § 950 BGB (German Civil Code), without obligating us. Goods not paid for by the time of the due date can be reclaimed at any time without an indication of reasons in return for a credit note and must be immediately paid over to the authorized agent.

12. Place of performance - venue

The place of performance for the purchaser's duty of payment and the place of venue for both parts is Hermaringen. We are also authorized to file suit against the purchaser in any other allowable place of venue. German law shall apply for all legal relationships between the purchaser and us to the exclusion of foreign law.

13. Severability clause

Should individual provisions of these Terms and Conditions of Sale and Delivery be or become invalid, in whole or in part, the remaining Terms and Conditions shall remain effective. (Subject to alterations)

For any further information about our company and products, please go to www.wikora.de



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Value-added tax is additional to all prices. Technical changes may be
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