



Tank

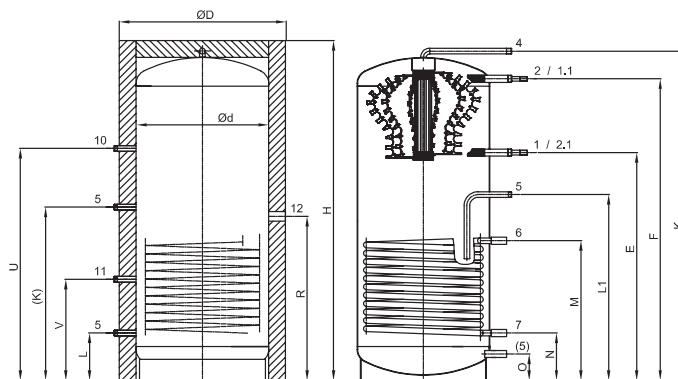
## Stratified Solar Combi Buffer Tank Wikosol Twin Trivalent with integrated DHW-Coaxial-Heat Exchanger

**Stratified Solar Combi Buffer Tank Wikosol – Twin Trivalent** with integrated solar heat exchanger made of steel sheet (S235JRG2) in certified quality, internal bare, external coated with corrosion proof lacquer.

**Integrated DHW-Coaxial-Heat Exchanger** made of stainless steel for a continuous and a hygienic legionella free DHW production achieved by counter flow. The coaxial heat exchanger's internal tube can be passed through by means of gravitation circulation or a pump and ensures an ideal adaptation to specific DHW needs.

**Heating** of the buffer water is either directly, using external heating sources such as gas / oil boiler, heat pump, solar plant (solid fuel), wood pellet or log and district heating or indirectly via integrated heat exchangers or external flat plate heat exchangers.

**Thermal insulation** by 100 mm soft foam with PS-cover in silver (RAL 9220) supplied separate for onsite-assembly.



Wikosol Twin Trivalent 600/800

Type		Wikosol Twin 600	Wikosol Twin 800
Item number		47 601	47 801
Capacity buffer	Litre ca	600	800
Capacity Coaxial-heat exchanger internal tube heating water	Litre ca	6	6
Capacity Coaxial-heat exchanger piston ring DHW	Litre ca	14	14
Max. performance DHW 45°C/10°/buffer 65°C	Litre ca.	370	490
Max. working pressure buffer/DHW/solar heat exchanger	bar	3/10/16	3/10/16
Max. working temperature buffer/DHW/solar heat exchanger	°C	95/95/160	95/95/160
Capacity solar heat exchanger	Litre	14	16
Heating area Coaxial-heat exchanger internal tube heating water	m <sup>2</sup>	1,7	1,7
Heating area Coaxial-heat exchanger DHW	m <sup>2</sup>	2,8	2,8
Heating area solar heat exchanger	m <sup>2</sup>	2,1	2,5
Flow rate solar heat exchanger	m <sup>3</sup> /h	1,5	2,0
Pressure loss solar heat exchanger	mbar	70	90
Insulation	mm	100 WS	100 WS
<b>Dimensions</b>			
Diameter with insulation	D	mm	990
Diameter without insulation	d	mm	790
Height cold water inlet/Coaxial return	E	mm	957
Height hot water inlet/Coaxial flow	F	mm	1397
Height	H	mm	1623
Tilting dimension	W	mm	1630
Height auxiliary boiler return	(K)	mm	832
Height auxiliary boiler inlet	K	mm	1562
Height auxiliary boiler return	L	mm	282
Height load circuit return	L1	mm	842
Height solar flow	M	mm	732
Height solar return	N	mm	282
Height heating circuit flow	U	mm	1082
Height heating circuit return	V	mm	552
Height plug electric heater	R	mm	832
Height drain	O	mm	157
<b>Connections</b>			
Cold water/hot water	1/2	R	5/4
Load circuit flow / return	4/5	R	1
Heating circuit flow / return	10/11	Rp	1
Solar flow / return	6/7	Rp	1
Drain	(5)	R	1
Coaxial flow / return	1.1/2.1	R	3/4
<b>Weight (empty)</b>		kg	-

R = male thread (inch), Rp = female thread (inch)