

DOMUSA

T E K N I K

DOMESTIC HOT WATER CYLINDERS

SANIT



STAINLESS STEEL
WIDE RANGE



The most advanced technology
at a reasonable price

SANIT DC SANIT DCE

STAINLESS STEEL TANK IN TANK CYLINDERS

Tank in tank cylinder

- For production and storage of domestic hot water, with capacities ranging from 100 litres to 250 litres.
- Coupled with a heating boiler, DOMUSA TEKNİK is able to provide the right level of comfort for your home and provide a balanced and economical domestic hot water supply when accompanied by a suitable hydraulic installation.
- The careful design of the tank and casing allows the cylinders to give exceptional performance, enabling its use with a boiler, solar panel, or heat pump.

Stainless steel

- The SANIT cylinders are built of stainless steel, complying with the strictest hygiene requirements. This material also has a high transmission coefficient that gives the tank a great capacity to produce domestic hot water.
- Stainless steel is a material with exceptional properties in terms of peeling, oxidation, and sedimentation.
- On its surface, a patina is created naturally, causing a self-protection that prevents oxidation even in installations with extremely corrosive waters.

Insulation

- Thermally insulated with high density isolation, all models have an access opening at the top, which facilitates cleaning of the tank. It also includes an outlet intended for an immersion heater.

Range

2 VERSIONS:

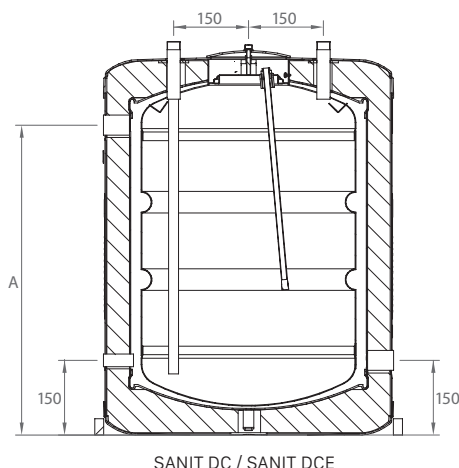
- SANIT DC:**
Free-standing or wall-hung tank in tank cylinder for combination with boilers that incorporates a control over the production of domestic hot water.
- SANIT DCE:**
Free-standing or wall-hung tank in tank cylinder equipped with a control and regulation system for combination with any kind of boiler.



SANIT DC

SANIT DCE

DIMENSIONS



MODELS		SANIT DC 100 SANIT DCE 100	SANIT DC 150 SANIT DCE 150	SANIT DC 200 SANIT DCE 200	SANIT DC 250 SANIT DCE 250
Base dimensions	mm	Ø581	Ø581	Ø581	Ø608
Height dimensions	mm	898	1,227	1,563	1,628
TP1 Drain valve inlet	Ø	1/2" H	1/2" H	1/2" H	1/2" H
TP2 Drain valve inlet	Ø	3/8" H	3/8" H	3/8" H	3/8" H
Cold water input	Ø	3/4" M	3/4" M	3/4" M	3/4" M
Hot water output	Ø	3/4" M	3/4" M	3/4" M	3/4" M
Primary inlet/outlet	Ø	1" H	1" H	1" H	1" H
Pl height – dimension A	mm	620	900	1,200	1,491

CHARACTERISTICS AND OPERATION

MODELS		SANIT DC 100 SANIT DCE 100	SANIT DC 150 SANIT DCE 150	SANIT DC 200 SANIT DCE 200	SANIT DC 250 SANIT DCE 250
Characteristics					
Installation		floor / wall / horizontal	floor / wall / horizontal	floor / wall / horizontal	floor / wall / horizontal
Total volume	L	100	150	200	250
Max. storage temperature	°C	90	90	90	90
Maximum working pressure of the tank	bar	7	7	7	7
Max. primary temperature	°C	110	110	110	110
Maximum primary working pressure	bar	3	3	3	3
Operation					
Continuous flow l/h D 30°	Qp 1 m ³ /h	602	766	844	930
	Qp 3 m ³ /h	745	825	942	1,038
	Qp 5 m ³ /h	831	944	1,046	1,143
Peak flow l/10 min D 30°	Qp 1 m ³ /h	266	378	474	571
	Qp 3 m ³ /h	290	388	490	589
	Qp 5 m ³ /h	305	407	507	607
Flow up to 1 hour l/h D 30°	Qp 1 m ³ /h	702	916	1,044	1,180
	Qp 3 m ³ /h	845	975	1,142	1,288
	Qp 5 m ³ /h	931	1,094	1,246	1,393
Power transmitted kW	Qp 1 m ³ /h	21	27	29	30
	Qp 3 m ³ /h	26	29	33	36
	Qp 5 m ³ /h	29	33	36	40
DHW efficiency class		C →			

Qp: Primary flow rate / Primary temperature 80°C / Storage temperature 60°C

EQUIPMENT

MODELS	SANIT DC	SANIT DCE	OPTIONS	
Thermometer		•	S 200 hydraulic kit:	100 L / 1.5 kW resistor kit
Adjustable thermostat		•	Dielectric sleeves	100 L / 2.5 kW resistor kit
On/off switch		•	Safety unit	150 L / 1.5 kW resistor kit
			8 L expansion vessel	150 L / 2.5 kW resistor kit
			Cathodic protection	200–250 L / 1.5 kW resistor kit
			1.5 kW/2.5 kW/3.5 kW electrical resistor	200–250 L / 2.5 kW resistor kit
			Board bracket	Electric heating element
			Elliptic cover with immersion element inlet	

SANIT S SANIT SE

DHW CYLINDERS WITH COIL EXCHANGERS

Coil exchanger

·DHW, the SANIT SE and SANIT S models use a coil heat exchanger with a long stroke, thereby achieving maximum heat exchange, improving efficiency and reducing the recovery time for DHW production.

·With this system, the entire tank is maintained at homogeneous temperatures, avoiding cold areas in which bacteria such as Legionella can grow.

Stainless steel

·The SANIT tanks are built of stainless steel, complying with the strictest hygiene requirements. This material also has a high transmission coefficient that gives the tank a great capacity to produce domestic hot water.

·Stainless steel is a material with exceptional properties against possible peeling, oxidation, and sedimentation.

·On its surface, a patina is created naturally, causing a self-protection that prevents oxidation even in installations with extremely corrosive waters.

Insulation

·Thermally insulated has an access opening at the top, which facilitates cleaning of the tank. It also includes an outlet intended for electrical resistance.

Range

2 VERSIONS:

·SANIT S:
Free-standing or wall-hung tank in tank cylinder for combination with boilers that incorporate a control over the production of domestic hot water.

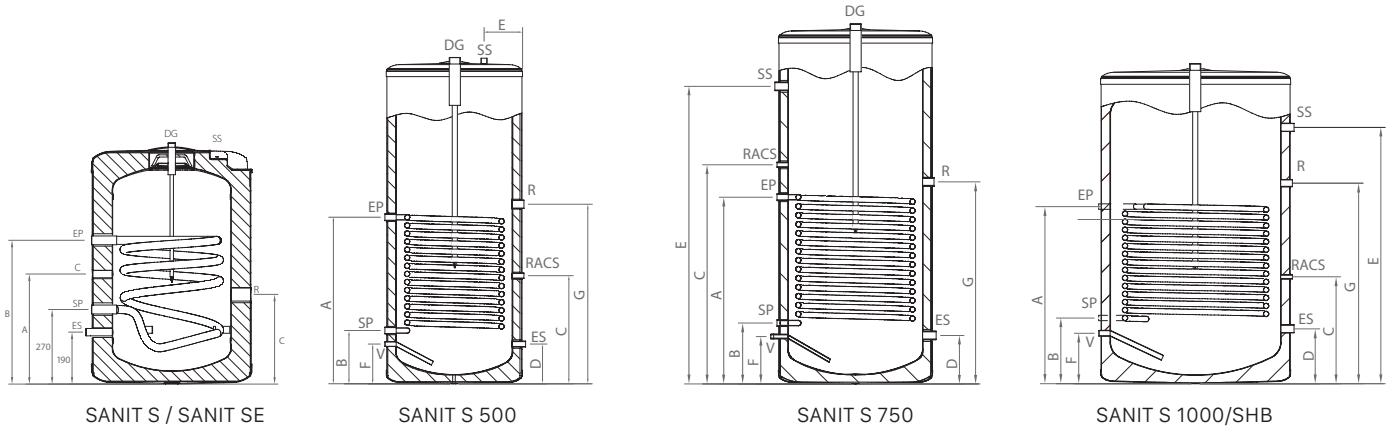
·SANIT SE:
Free-standing or wall-hung tank in tank cylinder equipped by default with a control and regulation system for combination with all types of boiler.



SANIT S

SANIT SE

DIMENSIONS



MODELS	A	B	C	D	E	F	F	HEIGHT	BASE DIMENSION	RETURN	COLD WATER INPUT / HOT WATER OUTPUT	PRIMARY INLET / OUTLET	RESISTOR INLET
	mm	mm	mm	mm	mm	mm	mm	mm	mm	RACS Ø	ES/SSØ	EP/SPØ	R Ø
SANIT S 100 / SANIT SE 100	525	270	400	190	-	-	325	898	Ø 581	1/2" H	3/4" M	3/4" M	1 1/4" H
SANIT S 150 / SANIT SE 150	525	270	400	190	-	-	325	1,227	Ø 581	1/2" H	3/4" M	3/4" M	1 1/4" H
SANIT S 200 / SANIT SE 200	620	270	650	190	-	-	325	1,563	Ø 581	1/2" H	3/4" M	1" H	1 1/4" H
SANIT S 250 / SANIT SE 250	615	270	795	190	-	-	325	1,541	Ø 608	3/4" H	3/4" M	1" H	1 1/4" H
SANIT S 300 / SANIT SE 300	615	270	788	190	-	-	325	1,790	Ø 608	3/4" H	3/4" M	1" H	1 1/4" H
SANIT S 500	925	295	600	220	215	220	1,000	1,758	Ø 758	3/4" H	1" M	1" H	1 1/4" H
SANIT S 750	1,040	340	1,220	270	1,655	265	1,125	1,938	Ø 858	3/4" H	1 1/2" M	1" M	1 1/4" H
SANIT S 1000	985	365	595	305	1,425	280	1,115	1,726	Ø 1,058	3/4" H	1 1/2" M	1" M	1 1/4" H

CHARACTERISTICS AND OPERATION

MODELS		SANIT S 100 SANIT SE 100	SANIT S 150 SANIT SE 150	SANIT S 200 SANIT SE 200	SANIT S 250 SANIT SE 250	SANIT S 300 SANIT SE 300	SANIT S 500	SANIT S 750	SANIT S 1000	SANIT S 1000 SBH	
Characteristics											
Installation		Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	Floor-mounted	
Total volume	L	100	150	200	250	300	505	745	1000	1000	
Max. storage temperature	°C	90	90	90	90	90	90	90	90	90	
Maximum working pressure of the tank	bar	7	7	7	7	7	7	7	7	7	
Max. primary temperature	°C	110	110	110	110	110	110	110	110	110	
Maximum primary working pressure	bar	10	10	10	10	10	10	10	10	10	
Operation											
Continuous flow l/h D 30°	Qp 1 m³/h	620.1	722.9	869.3	957.9	1,037.2	1,411.1	2,279.4	2,659.5	2,659.4	
	Qp 3 m³/h	767.4	849.8	970.3	1,069.1	1,150.5	1,583.1	2,555.4	2,982.9	2,982.9	
	Qp 5 m³/h	855.9	972.3	1,077.4	1,177.3	1,203.0	1,629.5	2,631.7	3,070.4	3,070.4	
Peak flow l/10 min D 30°	Qp 1 m³/h	274.0	389.3	488.2	588.1	700.4	1,092.8	1,667.6	2,158.9	2,158.9	
	Qp 3 m³/h	298.8	399.6	504.7	606.7	706.6	1,121.7	1,713.9	2,213.5	2,213.5	
	Qp 5 m³/h	314.2	419.2	522.2	625.2	715.9	1,129.9	1,747.9	2,227.9	2,227.9	
Flow up to 1 hour l/h D 30°	Qp 1 m³/h	723.1	943.5	1,075.3	1,215.4	1,624.3	2,269.1	3,566.9	4,375.4	4,375.4	
	Qp 3 m³/h	970.4	1,004.3	1,176.3	1,326.6	1,665.5	2,441.1	3,842.9	4,698.9	4,698.9	
	Qp 5 m³/h	958.9	1,126.8	1,283.4	1,283.4	1,718.0	2,487.5	3,373.2	4,789.4	4,789.4	
Power transmitted kW	Qp 1 m³/h	21.6	27.8	29.9	33.5	39.1	49.4	79.3	92.7	92.7	
	Qp 3 m³/h	56.8	29.9	34.0	36.7	40.2	55.6	89.6	104.0	104.0	
	Qp 5 m³/h	29.9	34.0	37.1	39.7	42.2	56.7	91.7	107.1	107.1	
DHW efficiency class		B			C			-			

Qp: Primary flow rate / Primary temperature 80°C / Storage temperature 60°C

EQUIPMENT

MODELS	SANIT S	SANIT SE
Thermometer		•
Adjustable thermostat		•
On/off switch		•

OPTIONS

VOLUME	100	150	200	250	300	505	745	1000
1.5/2.5/3.5 kW immersion element	•	•	•	•	•	•	•	•
DHW expansion vessel					•	•		
Dielectric sleeves	•	•	•	•	•	•	•	•
DHW safety valve	•	•	•	•	•	•	•	•
Cathodic protection	•	•	•	•	•	•	•	•
Sanit S Hydraulic Kit	•	•	•	•	•	•	•	•

SANIT HE
single coil
SANIT HE DS
twin coil

DOMESTIC HOT WATER CYLINDERS

Coil exchanger for heat pump

- In the SANIT HE or SANIT HE DS models, the coil heat exchanger has been designed taking into account the working temperatures and flow rates of the heat pumps, achieving the maximum heat exchange and avoiding intermittent operation cycles of the heat pump.
- With this system, the entire tank is maintained at homogeneous temperatures, avoiding cold areas in which bacteria such as Legionella can grow.

Stainless steel

- The SANIT tanks are built of stainless steel, complying with the strictest hygiene requirements. This material also has a high transmission coefficient that gives the tank a great capacity to produce domestic hot water.
- Stainless steel is a material with exceptional properties against possible peeling, oxidation, and sedimentation.
- On its surface, a patina is created naturally, causing a self-protection that prevents oxidation even in installations with extremely corrosive waters.

Insulation

- Thermally insulated with rigid moulded polyurethane foam, all models have an access opening at the top, which facilitates cleaning of the tank. It also includes an outlet intended for electrical resistance.

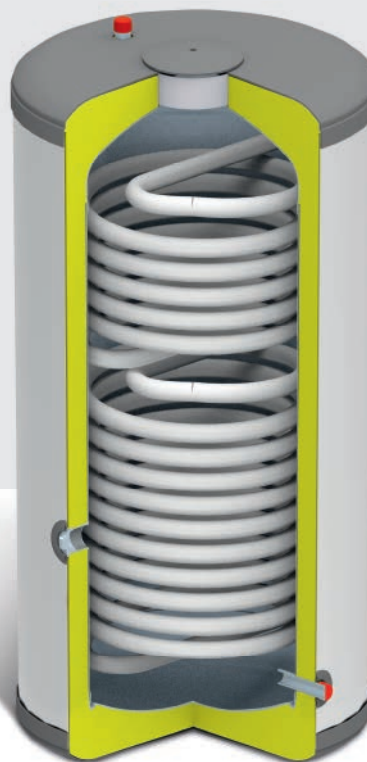
Range

2 VERSIONS:

- **SANIT HE:**
Free-standing or wall-hung tank in tank cylinder for combination with heat pumps.
- **SANIT HE DS:**
Free-standing or wall-hung tank in tank cylinder for combination with heat pumps.

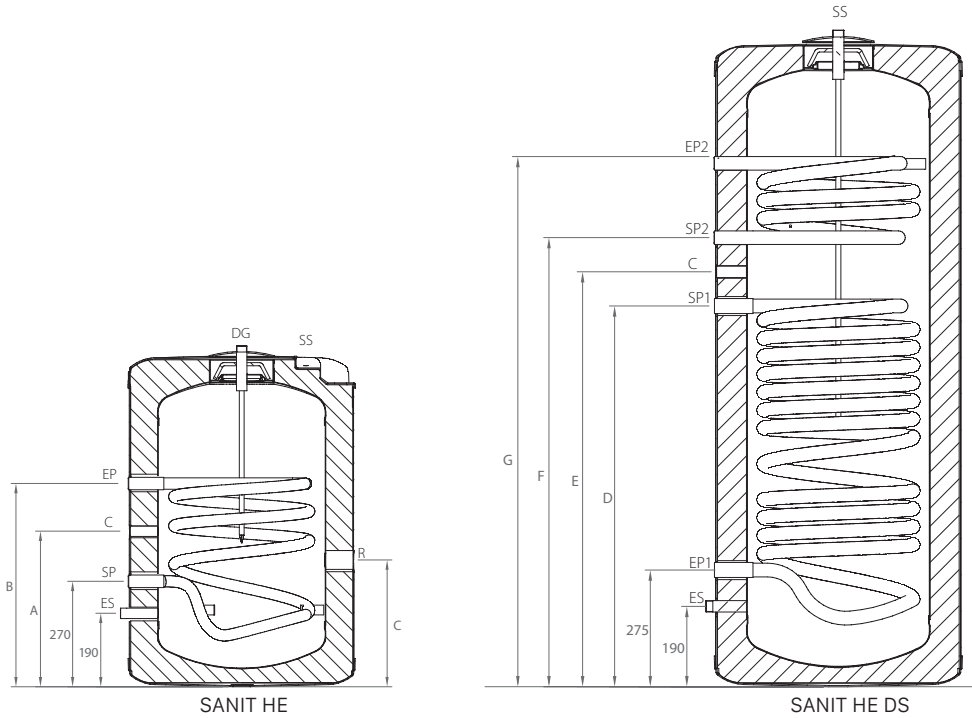


SANIT HE



SANIT HE DS

DIMENSIONS



MODELS		SANIT HE 150	SANIT HE 200	SANIT HE 300	SANIT HE 200 DS	SANIT HE 300 DS
Base dimension	mm	Ø581	Ø581	Ø608	Ø581	Ø608
Height dimensions	mm	1,227	1,563	1,790	1,563	1,790
Cold water input	ES Ø	¾" M	¾" M	¾" M	¾" M	¾" M
Hot water output	SS Ø	¾" M	¾" M	¾" M	¾" M	¾" M
Primary inlet/outlet	EP/SP Ø	¾" H	1" H	1" H	-	-
Inmersion element	R Ø	1 1/4" H	1 1/4" H	1 1/4" H	-	-
Recirculation inlet	C Ø	1/2" H	1/2" H	3/4" H	1/2" H	1/2" H
Primary inlet/outlet (1)	EP/ES Ø (1)	-	-	-	1" H	1" H
Primary inlet/outlet (2)	EP/ES Ø (2)	-	-	-	¾" H	¾" H
C height – dimension A	mm	810	970	1145	-	-
Pl height – dimension B	mm	890	885	1065	-	-
R height – dimension C	mm	520	520	645	-	-
SP1 height – dimension D	mm	-	-	-	890	1,065
C height – dimension E	mm	-	-	-	970	1,145
SP2 height – dimension F	mm	-	-	-	1,050	1,285
EP2 height – dimension G	mm	-	-	-	1,225	1,460

CHARACTERISTICS

MODELS		SANIT HE 150	SANIT HE 200	SANIT HE 300	SANIT HE 200 DS	SANIT HE 300 DS
Installation		floor	floor	floor	floor	floor
Total volume	L	150	200	300	200	300
Application		DHW	DHW	DHW	DHW dual exchange	DHW dual exchange
DHW efficiency class		B		C	B	C

OPTIONS

1.5 kW/2.5 kW/3.5 kW electrical resistor (SANIT HE)	Expansion vessel	SANIT S Hydraulic Kit
Cathodic protection	Dielectric sleeves	

SANIT GR

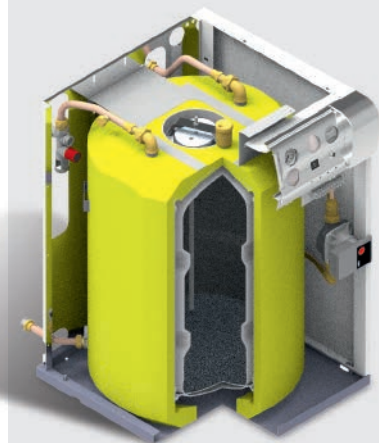
EQUIPPED DOMESTIC HOT WATER CYLINDERS

Dual casing

- Tank in tank for production and storage of domestic hot water, with capacities ranging from 100 litres to 130 litres.
- Coupled with a heating boiler, DOMUSA TEKNIK is able to provide the right level of comfort for your home and produce a balanced and economical domestic hot water production, always accompanied by a suitable hydraulic installation.
- The careful design of the tank and casing allows the tank to give exceptional performance, enabling its use with a boiler, solar panel, or heat pump.

Stainless steel

- The SANIT tanks are built of stainless steel, complying with the strictest hygiene requirements. This material also has a high transmission coefficient that provides the tank a great capacity to produce domestic hot water.
- Stainless steel is a material with exceptional properties against possible peeling of peeling, oxidation, and sedimentation.
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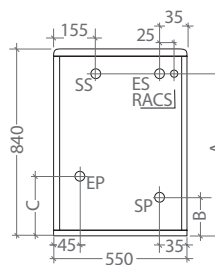
CHARACTERISTICS

MODELS		SANIT GR 100	SANIT GR 130
Characteristics			
Installation		Floor-mounted	Floor-mounted
Total volume	L	100	130
Max. storage temperature	°C	90	90
Maximum working pressure of the tank	bar	7	7
Max. primary temperature	°C	110	110
Maximum primary working pressure	bar	10	10
Operation			
Continuous flow l/h D 30°	Qp 1 m³/h	602	655
	Qp 3 m³/h	745	798
	Qp 5 m³/h	831	882
Peak flow l/10 min D 30°	Qp 1 m³/h	266	325
	Qp 3 m³/h	290	349
	Qp 5 m³/h	305	363
Flow up to 1 hour l/h D 30°	Qp 1 m³/h	702	785
	Qp 3 m³/h	845	928
	Qp 5 m³/h	931	1,012
Power transmitted kW	Qp 1 m³/h	21	23
	Qp 3 m³/h	26	28
	Qp 5 m³/h	29	31
DHW efficiency class		C	

Qp: Primary flow rate / Primary temperature 80°C / Storage temperature 60°C

DIMENSIONS

MODELS		SANIT GR 100	SANIT GR 130
A	mm	650	740
B	mm	115	105
C	mm	250	340
Height	mm	840	840
Base dimension	mm	550 x 600	550 x 600
Return	RACS Ø	1/2" M	1/2" M
Cold water input / Hot water output	ES/SSØ	3/4" M	3/4" M



SANIT GR (REAR VIEW)

EQUIPMENT

Primary pump	Automatic air bleed valve
Thermometer	Non-return valve
Adjustable thermostat	Dielectric sleeves
On/off switch	Safety unit

DOMUSA
TEKNIK

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