



Water Heater / Storage Tank for domestic hot water production or storage

Resin lined steel construction ensures long durability at a low cost

Please note: Stainless steel buffers or water heaters should be used in Scotland, south-west and north-west of England and the west of Wales where water is **particularly soft**. Please see our stainless range

Option of adding "U" bundle high capacity heat exchanger coil making them a domestic hot water heater.

Alternatively, immersion heaters can be fitted to the flanges for direct heating applications

VSR DN Water heater with reduced height, made in quality steel with inspection flange ø 480/400 mm and anodic protection.

VSR DN+290 Water heater with reduced height, made in quality steel with one inspection flange ø 480/400 mm and one flange ø 290/220 mm to assemble heat exchanger, and anodic protection.

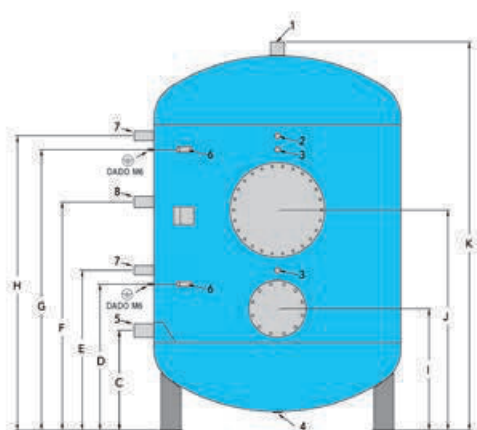
SMALVER: Inside treatment lining synthetic resin (models 2000-4000 litres). Maximum hot water temperature **70C**

SMALTECH: Resin-ceramic nano technologies internal treatment (models 2000-5000 litres).

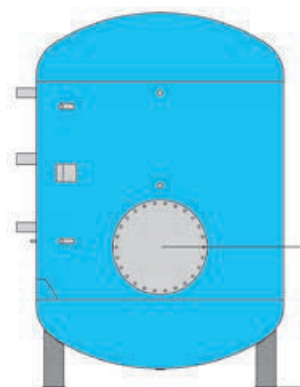
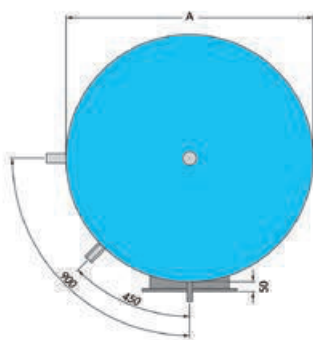
Maximum water temperature **80C**

Insulation: Polyester fibre 100 mm on both options.

VSR DN+290



VSR DN



		A	B	C	D	E	F	G	H	I	J	K	L
SMALVER / SMALTECH	Model												
	2000	1250	-	505	740	810	1155	1420	1490	615	1115	1965	710
	2500	1400	-	505	820	890	1235	1440	1510	605	1105	1965	695
	3000	1500	-	510	820	890	1140	1425	1495	605	1105	1945	715
	4000	1600	-	525	875	945	1360	1700	1770	625	1185	2230	735
	5000	1800	-	550	880	950	1350	1685	1755	650	1210	2230	740

Flexitank low height VSR DN - VSR DN+290

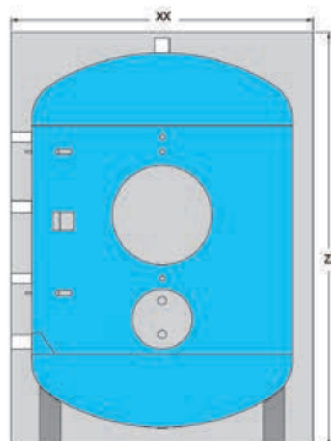
TECHNICAL DATA

Flexitank low height VSR DN - VSR DN+290		SMALVER				SMALTECH				
		2000	2500	3000	4000	2000	2500	3000	4000	5000
Storage volume	l	1930	2470	2850	3900	1930	2470	2850	3900	4800
Energy class - Standing loss - polyester fibre	100 mm C	186 W	254 W	268 W	300 W	186 W	254 W	268 W	300 W	326 W
Total height with insulation	ZZ mm	1995	1995	1995	2300	1995	1995	1995	2300	2300
Diagonal size dimension	mm	2200	2250	2300	2600	2200	2250	2300	2600	2700
Tank diameter dimension with 100 mm polyester fibre insulation	XX ø mm	1450	1600	1700	1800	1450	1600	1700	1800	2000
Inspection / cleanout Flange	VSR DN ø mm	480/400								
	VSR DN+290 ø mm	480/400 + 290/220								
Weight empty	VSR DN kg	445	450	605	680	460	490	650	700	850
	VSR DN+290 kg					475	505	665	715	865
Maximum working pressure	Bar	8								
Maximum working temperature	°C	70 SMALVER 80 SMALTECH								

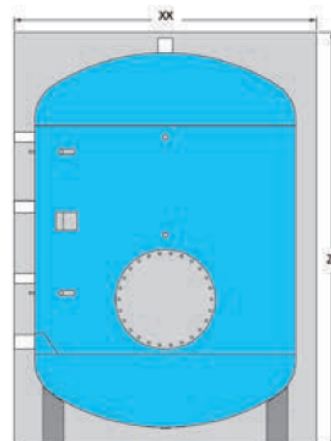
N° CONNECTIONS		MODEL	
		2000-2500	3000- 5000
1.	Domestic hot water inlet	2"	3"
2.	Thermometer	1/2"	1/2"
3.	Pocket sensor	1/2"	1/2"
4.	Drain coil	1"	1"
5.	Cold water inlet	2"	3"
6.	Electronic anode-sensor	1/2"	1/2"
7.	Anode	1" 1/4	1" 1/4
8.	Electric heater re-circulation	1" 1/2	1" 1/2

AVAILABLE VERSIONS

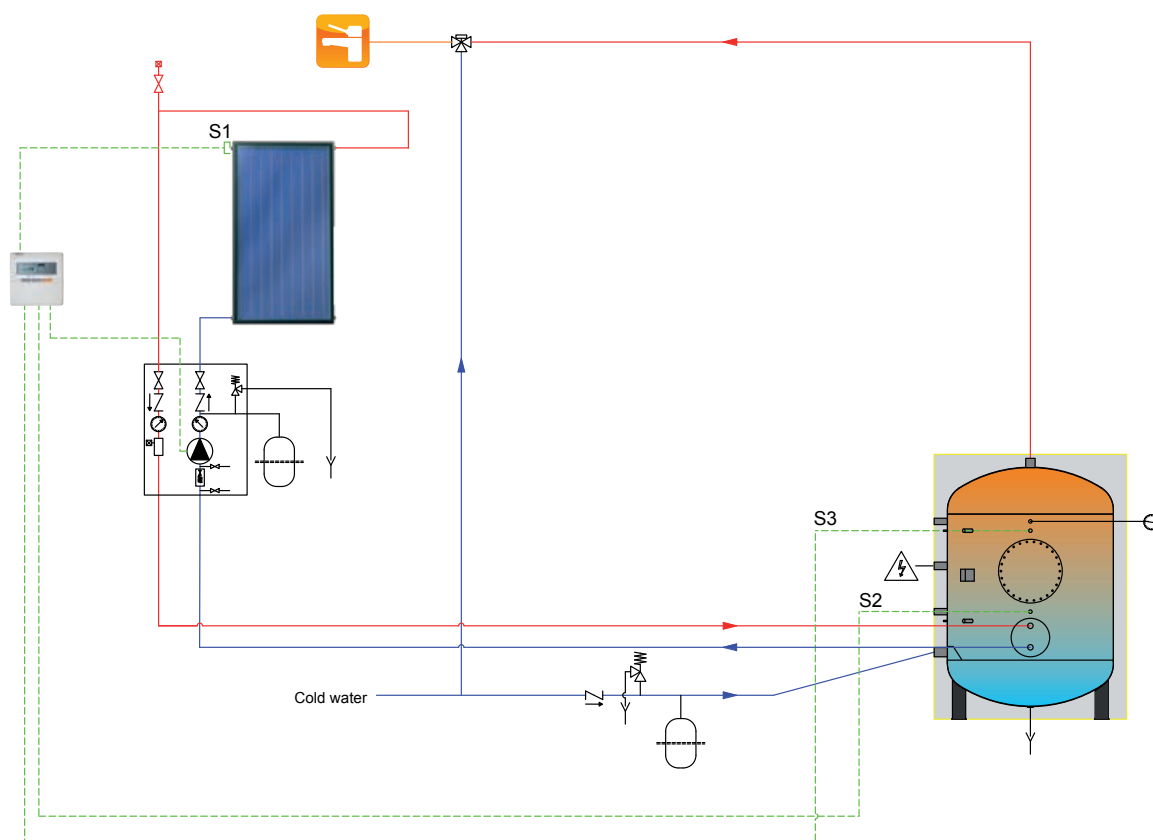
VSR DN-290



VSR DN



Installation schematic for solar DHW heating - using an optional heating coil



N.B.

Diagrams illustrating the operation but do not replace the project work.





smalver
(mod. 2000-4000)



smaltech
(mod. 2000-5000)

Model		STORAGE TANK COMPLETE WITH 100mm INSULATION	STORAGE TANK WITHOUT INSULATION	INSULATION KIT POLYESTER FIBRE 100mm
		code	code	code
SMALVER VSR DN	2000	FH1J30B05	FH1J30B0Z	FH1A30B05
	2500	FH1J30B55	FH1J30B5Z	FH1A30B55
	3000	FH1J30C05	FH1J30C0Z	FH1A30C05
	4000	FH1J30D05	FH1J30D0Z	FH1A30D05
SMALTECH VSR DN	2000	FH1H30B05	FH1H30B0Z	FH1A30B05
	2500	FH1H30B55	FH1H30B5Z	FH1A30B55
	3000	FH1H30C05	FH1H30C0Z	FH1A30C05
	4000	FH1H30D05	FH1H30D0Z	FH1A30D05
	5000	FH1H30E05	FH1H30E0Z	FH1A30E05
SMALVER VSR DN + 290	2000	FH1J31B05	FH1J31B0Z	FH1A31B05
	2500	FH1J31B55	FH1J31B5Z	FH1A31B55
	3000	FH1J31C05	FH1J31C0Z	FH1A31C05
	4000	FH1J31D05	FH1J31D0Z	FH1A31D05
SMALTECH VSR DN + 290	2000	FH1H31B05	FH1H31B0Z	FH1A31B05
	2500	FH1H31B55	FH1H31B5Z	FH1A31B55
	3000	FH1H31C05	FH1H31C0Z	FH1A31C05
	4000	FH1H31D05	FH1H31D0Z	FH1A31D05
	5000	FH1H31E05	FH1H31E0Z	FH1A31E05