

Flexitank Stainless Steel storage or water heaters - XVS-XVS1-XVS3-XVS DN

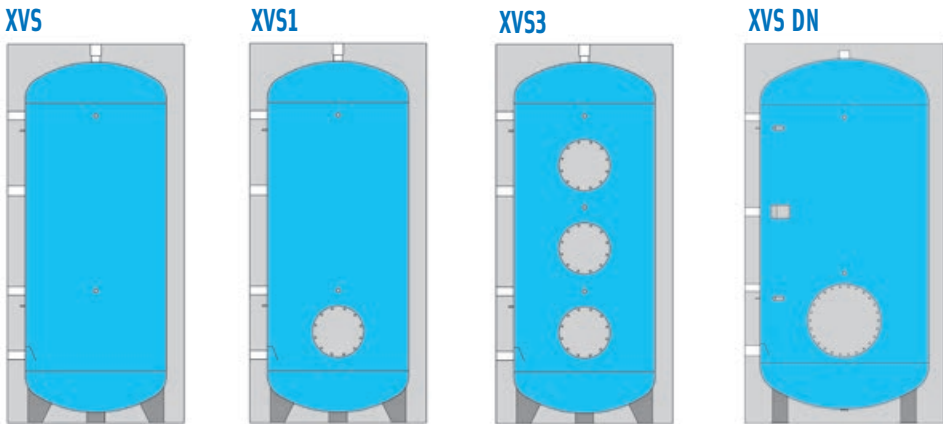
TECHNICAL DATA



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

- 316 stainless steel construction ensures long durability without corrosion
- 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.
- Option of adding "U" bundle high capacity heat exchange coils the VS1, VS3 or VS DN units - making them an indirect domestic hot water heater.
- Alternatively, immersion heaters can be fitted to the flanges for direct heating applications

XVS - Water storage tank in stainless steel AISI 316L.
XVS1-XVS3 - DHW Water heater or storage tank in stainless steel AISI 316L with 0,1 or 3 flanges ø 180/120 mm - that can have U bundle heat exchangers fitted in or be used as inspection / clean out ports
XVS DN - Water storage or water heater tank in stainless steel AISI 316L with one inspection flange ø 480/400 mm with option of U bundle heat exchanger to make the unit a water heater
Insulation: Foamed polyurethane layer 70 mm (mod. 200-300-500). Polyester fibre 100 mm (mod. 800 to 5000).



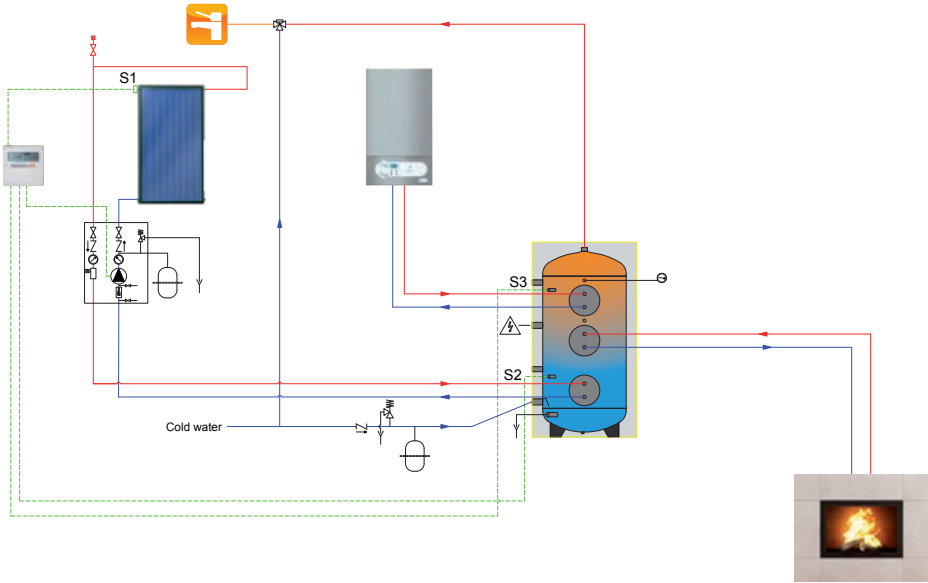
Stainless Steel XVS-XVS1-XVS3-XVS DN		stainless steel 316										
		200	300	500	800	1000	1500	2000	2500	3000	4000	5000
Storage volume	l	208	285	490	749	935	1430	2100	2346	2959	4043	4854
Energetic class - Standing loss PU foamed injected insulation	XVS - XVS1-XVS DN 70 mm	B 51 W	B 63 W	B 80 W	-	-	-	-	-	-	-	-
	XVS3 70 mm	A-51 W										
Energetic class - Standing loss - ErP classification	100 mm	-	-	-	C 130 W	C 142 W	C 162 W	C 186 W	325 W	344 W	412 W	455 W
Total height with insulation	mm	1215	1615	1690	1845	2085	2145	2460	2220	2720	2580	2850
Diagonal size(tilt dimension)	mm	1375	1740	1865	1850	2100	2200	2480	2380	2810	2800	2950
Tank diameter with 70 mm PU foamed hard polyurethane insulation	ø mm	640	640	790	-	-	-	-	-	-	-	-
Tank diameter with 100 mm polyester fibre insulation	ø mm	-	-	-	990	990	1200	1400	1450	1450	1700	1800
Flange - Inspection / Clean out	XVS1-XVS3 ø mm	180/120					290/220					
	XVS DN ø mm	-			480/400							
Weight empty	kg	50	70	85	115	130	285	350	435	535	435	535
Maximum working pressure of the tank	bar	6										
Maximum working temperature of the tank	°C	95										



N°	CONNECTOR TYPE	MODEL					
		200-500	800-1000	1500	2000	3000	4000-5000
1.	Domestic hot water outlet	1" 1/4	1" 1/2	1" 1/2	2"	2"	3"
2.	Thermometer tapping	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
3.	Sensor tapping	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
4.	Drain point -VS1 and VS3 models	1"	1"	1" 1/4	1" 1/4	1" 1/4	1" 1/4
5.	Cold water inlet	1" 1/2	1" 1/2	1" 1/2	2"	2"	3"
6.	Sensor or gauge port	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
7.	Domestic hot water re-circulation port	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4
8.	Electric immersion heater or re-circulation tapping	1" 1/2	1" 1/2	1" 1/2	1" 1/2	1" 1/2	1" 1/2
9.	VS - DN model only Drain	-	1"	1" 1/4	1" 1/4	1"	1"

PLANT SCHEME SANITARY

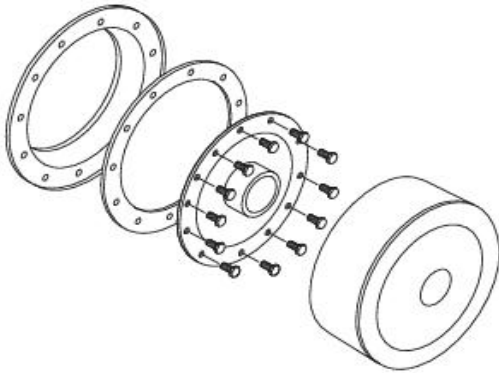
N.B. Diagrams illustrating the operation but do not replace the project work.



picture of U bundle heat exchanger



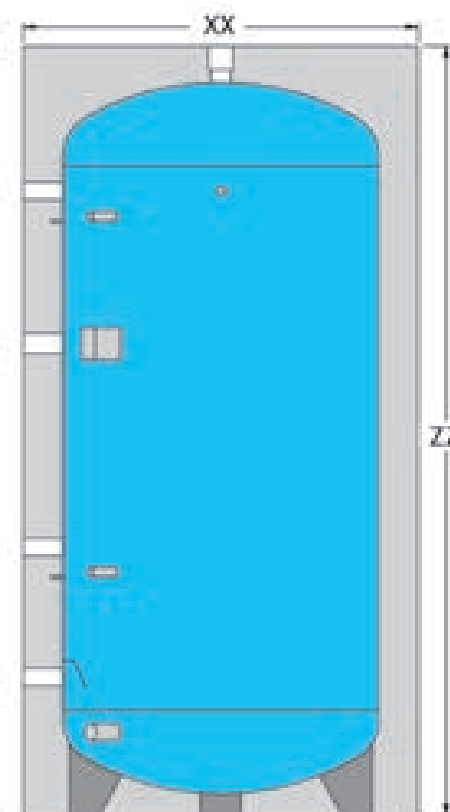
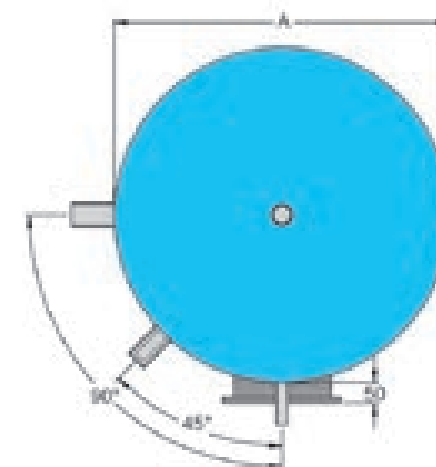
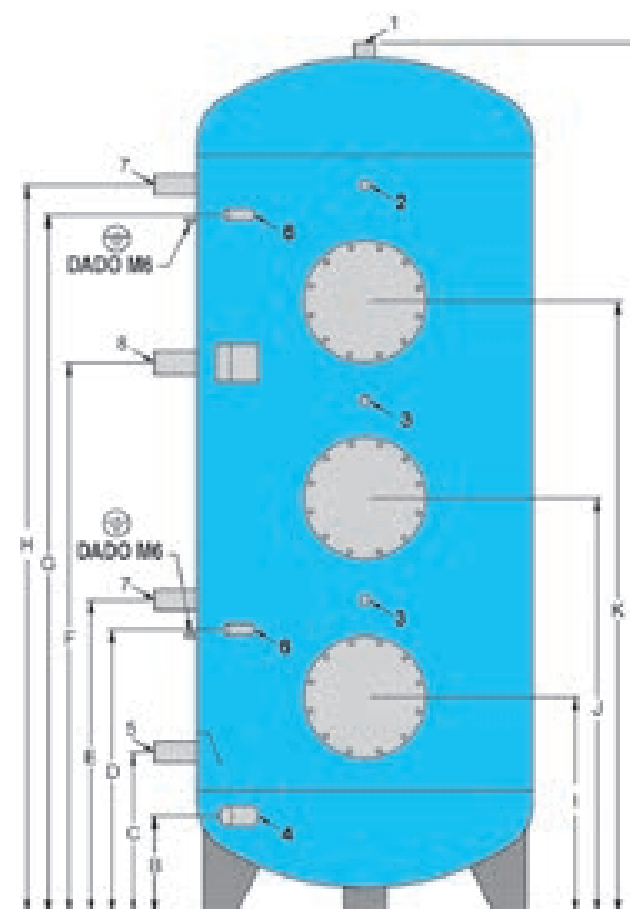
inspection flange with 1 1/2" tapping for an additional immersion heater



		Model	thickness insulation 70 mm
			code
INOX	XVS	200	FH1X0820F
		300	FH1X0830F
		500	FH1X0850F
	XVS1	200	FH1X0920F
		300	FH1X0930F
		500	FH1X0950F
	XVS3	200	FH1X1120F
		300	FH1X1130F
		500	FH1X1150F

		Model	polyester fibre 100 mm
			code
INOX	XVS	800	FH1X08805
		1000	FH1X08A05
		1500	FH1X08A55
		2000	FH1X08B05
		2500	FH1X08B55
		3000	FH1X08C05
		4000	FH1X08D05
		5000	FH1X08E05
	XVS1	800	FH1X09805
		1000	FH1X09A05
		1500	FH1X09A55
		2000	FH1X09B05
		2500	FH1X09B55
		3000	FH1X09C05
		4000	FH1X09D05
		5000	FH1X09E05
	XVS3	800	FH1X11805
		1000	FH1X11A05
		1500	FH1X11A55
		2000	FH1X11B05
		2500	FH1X11B55
		3000	FH1X11C05
		4000	FH1X11D05
		5000	FH1X11E05
	XVS DN	800	FH1X63805
		1000	FH1X63A05
		1500	FH1X63A55
		2000	FH1X63B05
		2500	FH1X63B55
		3000	FH1X63C05
		4000	FH1X63D05
		5000	FH1X63E05

VS3 MODEL



VS DN MODEL

