

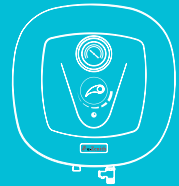
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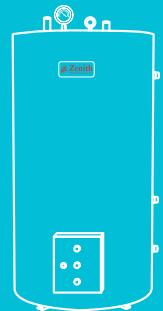


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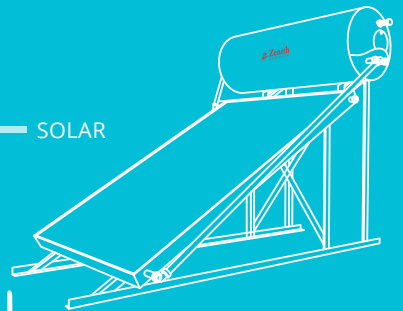
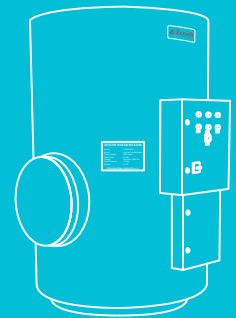
 **Zenith**
WATER HEATER



DOMESTIC



COMMERCIAL



SOLAR



www.zenithwaterheater.com



Company Profile

Design for Performance

Design of all Zenith products is based on principles of:

- Consistent performance
- Easy to use
- Safety and reliability
- Value for the money



Made to Perfection

Production processes are established using state of the art equipment to achieve precision and accuracy. This ensures quality built into every unit produced

Smile of Confidence

Smile of confidence across the border brings towering success. We have built our reputation in the Middle East and Asian markets and now our wings are spreading globally.



Inside View

1. Secondary Safety Valve (Optional)

An additional safety valve is installed at the top of the unit to give added protection against increased pressure levels in the storage tank.

2. Storage Tank

The steel tank interior has a Duraglass coating which guarantees protection against corrosive & fungi formatting agents.

3. Polyurethane Foam

The dense honey comb structure of the polyurethane foam helps to retain heat for an extended period of time, thus offering significant savings in electricity consumption.

4. Magnesium Anode

Prevents electrolytic corrosion, which in turn gives the tank a longer life.

5. Heating Element

The immersion type heating element is constructed from Nickel-Chromium resistance wire sheathed in mineral filling, the whole being encased in a copper tube & sealed against moisture.

6. Outer Body

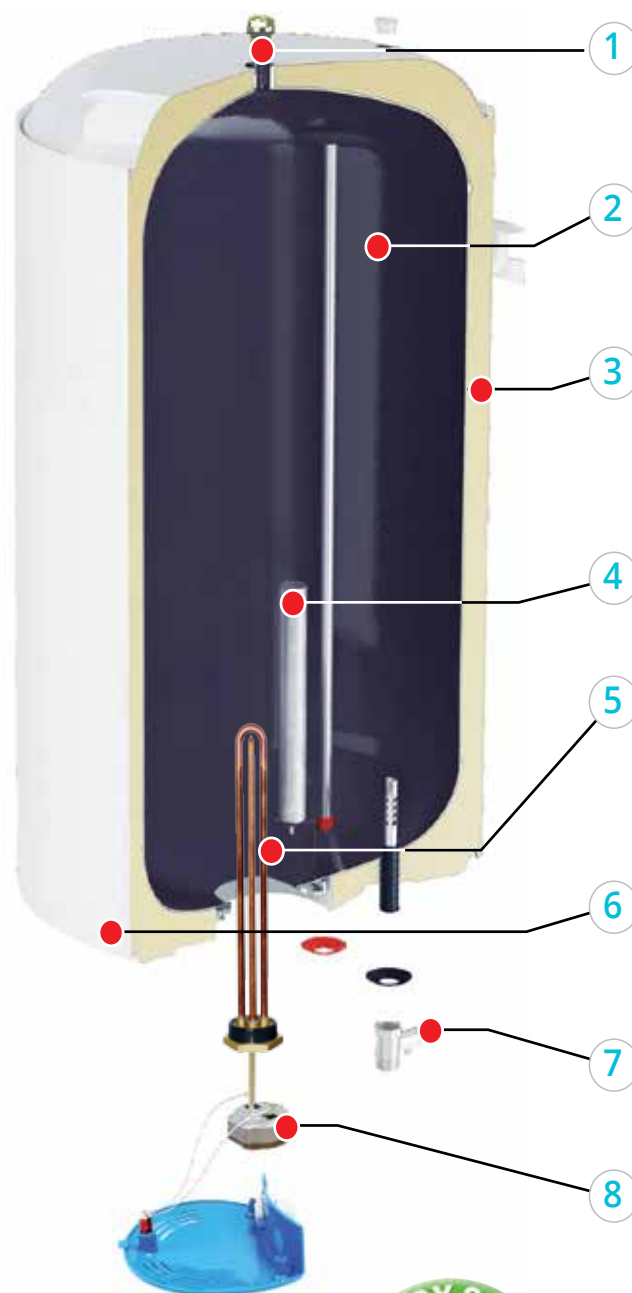
A Metal outer shell coated with a baked white gloss finish, provides an elegant look & offers

7. Safety Valve

It has dual functions of non return valve & pressure release.

8. Thermostat

An adjustable thermostat disconnects the water heater from electric supply in the event of water exceeding a pre-set temperature. a lasting protection against corrosion.



Choose Your Model Depending on Your Hot Water Needs

Users					
Appliance Capacity (Liters)	30	50	80-100	120-150	200



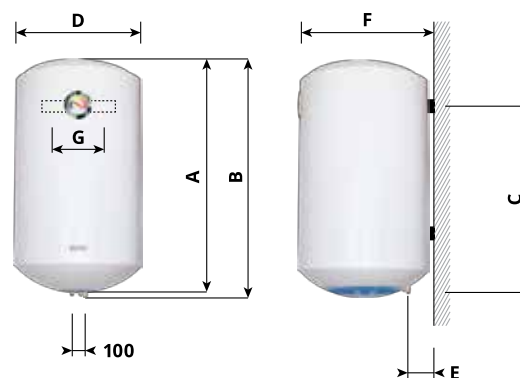
Vertical Wall Mount

Technical Information

Capacity (Liters)	Height (mm)	Diameter (mm)	Voltage (Volt)	Standard Power (KW) *	Maximum Working Temp (C°)	Maximum Working Pressure (Bar)
30	495	390	240v	1.2	70	8bar
50	560	440	240v	1.2	70	8bar
80	800	440	240v	1.2	70	8bar
100	970	440	240v	1.5	70	8bar

* Power for each capacity can be customized as per requirement

Capacity (Liters)	Dimensions (mm)						
	A	B	C	D	E	F	G
30	475	495	345	390	150	425	270
50	540	560	385	440	150	475	270
80	780	800	665	440	150	475	270
100	950	970	785	440	150	475	270





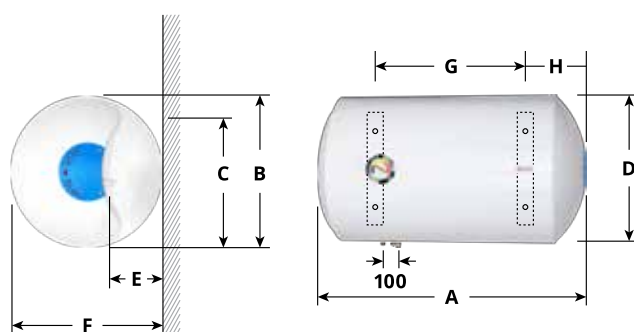
Horizontal Wall Mount

Technical Information

Capacity (Liters)	Height (mm)	Diameter (mm)	Voltage (Volt)	Standard Power (KW) *	Maximum Working Temp (C°)	Maximum Working Pressure (Bar)
30	475	390	240v	1.2	70	8bar
50	540	440	240v	1.2	70	8bar
80	780	440	240v	1.2	70	8bar
100	950	440	240v	1.5	70	8bar
120	1040	440	240v	2.0	70	8bar
150	1300	440	240v	2.5	70	8bar
200	1590	440	240v	3.0	70	8bar

* Power for each capacity can be customized as per requirement

Capacity (Liters)	Dimensions (mm)							
	A	B	C	D	E	F	G	H
30	475	415	265	390	215	410	270	170
50	540	465	405	440	240	460	270	170
80	780	465	405	440	240	460	290	255
100	950	465	405	440	240	460	290	325
120	1140	465	415	440	255	475	600	255
150	1240	465	415	440	255	475	855	265
200	1750	465	415	440	255	475	1290	245



Prismo

15 & 30 Liters



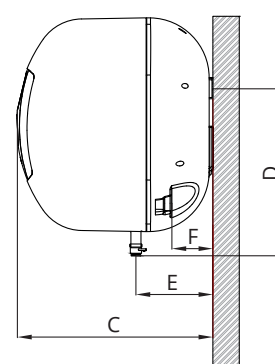
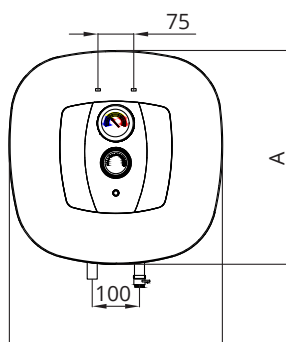
Technical Information

Capacity (Liters)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
15L	400	400	310	300	125	70
30L	445	445	410	350	160	85

Color Options

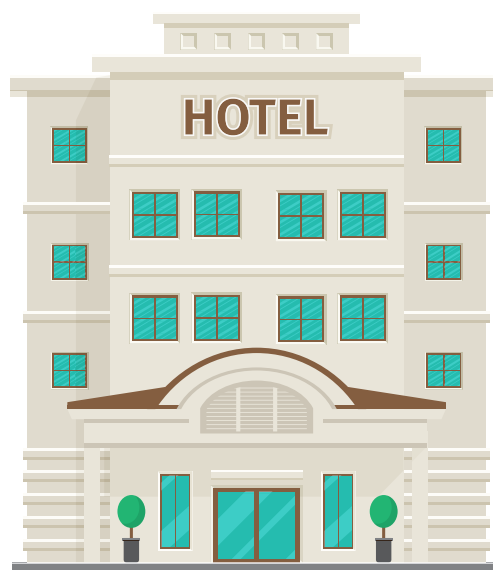


* Power for each capacity can be customized as per requirement



Central Water Heaters & Calorifiers

300 - 10,000 Liters (Floor Mount Units)



Technical Information

Capacity (Liters)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
Z2500VFM	100	90	1450	1400	2610	100	500	1400
Z3000VFM	100	90	1800	1400	3070	100	700	1800
Z4000VFM	100	90	1450	1700	2760	100	500	1400
Z5000VFM	100	90	1800	1700	3220	100	600	1800
Z7500VFM	100	90	1800	2050	3370	100	600	1800
Z10000VFM	100	100	1800	2300	3760	100	600	1800

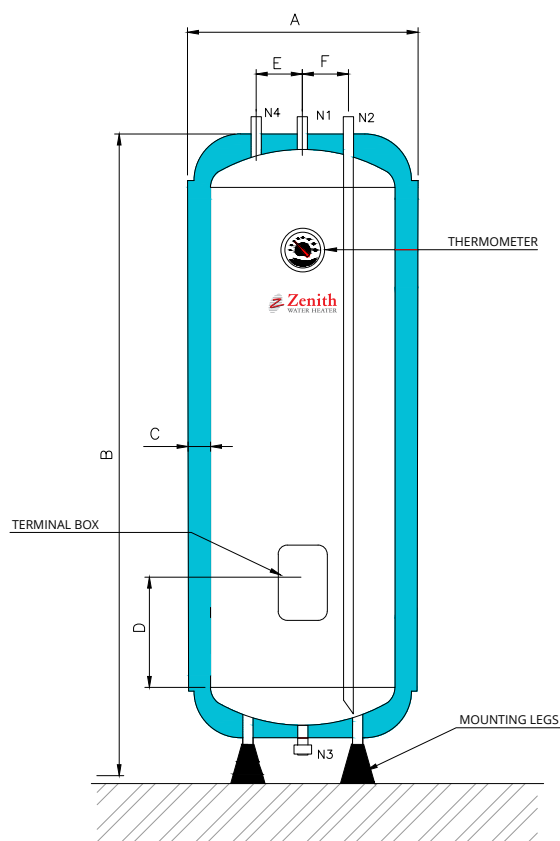
* Initial Heating Time is calculated with $\Delta T = 45^{\circ}\text{C}$

- # Rated power can be customized to match the specifications.
- # Sized above 260 Gallons could be customized to fit the space available.
- # Any other additional feature and/or plumbing connections could be provided to meet requirements.
- # Tolerance of the height: $\pm 0.5\%$



Stainless Steel Calorifier

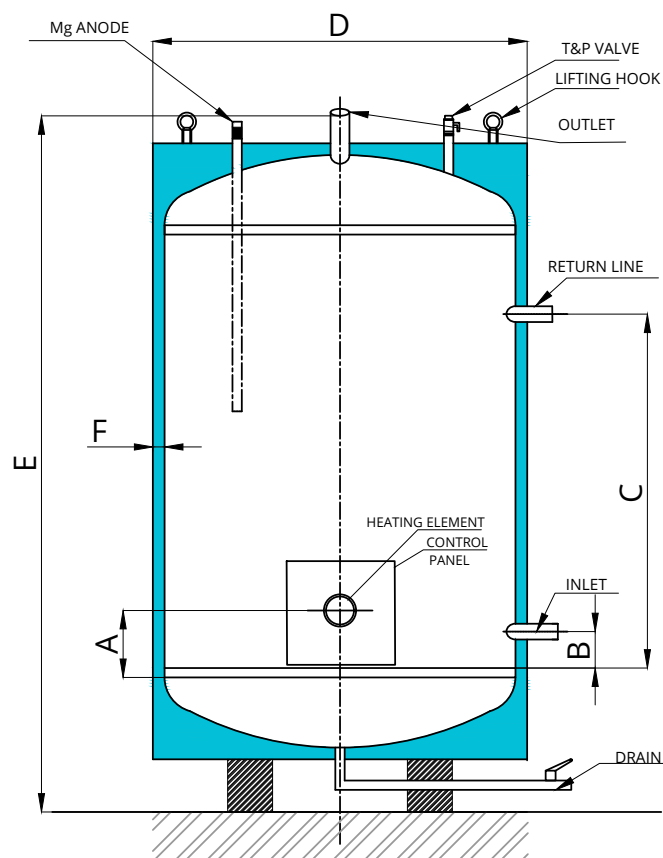
Z150VFM & Z200VFM



Technical Information

Overall Tank Dimensions (mm)						
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
ZT150VFM	Ø460	1285	15	95	110	110
ZT200VFM	Ø460	1610	15	95	110	110

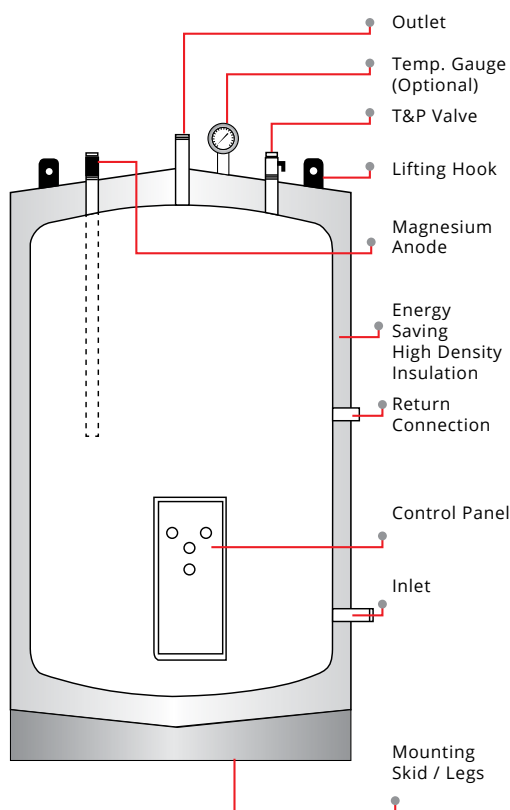
Z300VFM to Z2000VFM



Technical Information

Product Dimensions (mm)						
Capacity (Liters)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
Z300VFM	100	70	900	700	1580	75
Z450VFM	100	70	900	800	1680	75
Z500VFM	100	70	900	800	1780	75
Z750VFM	100	70	1435	800	2400	75
Z1000VFM	100	80	1435	900	2350	75
Z1500VFM	100	90	740	1400	1660	100
Z2000VFM	100	90	910	1400	1890	100

300 ltr to 500 ltr

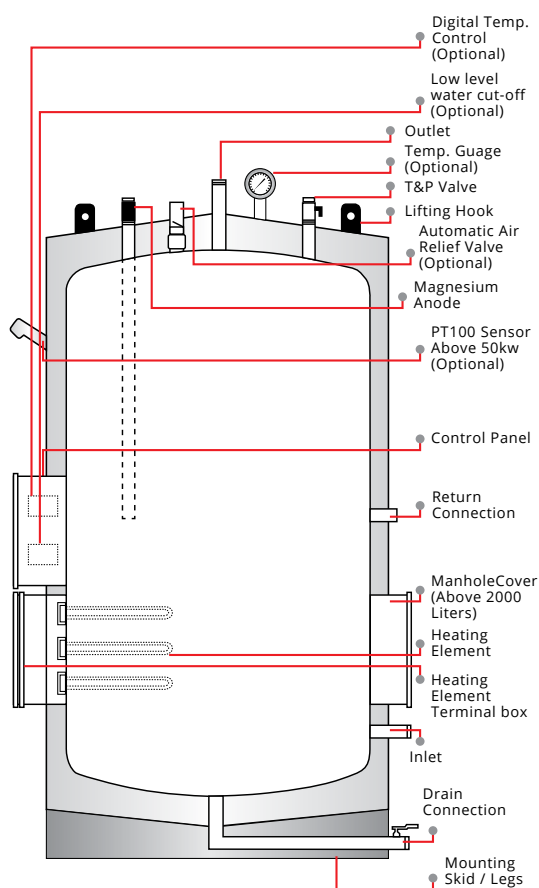


Power Options

KW Input	No. of Elements	Full Load Current (A)		Heat Recovery at 45°C	
		220 - 240V 1 PH (A)	380 - 440V 3 PH (A)	(Gallons / Hour)	(Liters / Hour)
1.5	1	6.3	-	8	29
2.0	1	8.3	-	10	38
2.5	1	10.4	-	13	48
3.0	1	12.5	-	15	58
4.0	1	16.7	-	20	77
4.5	1	-	5.9	23	86
5.0	2	20.8	-	25	96
6.0	1 or 2	25.0	7.8	30	115
9.0	1,2 or 3	37.5	11.7	45	171
12.0	2	-	15.7	60	229
18.0	2 or 3	-	23.5	91	343
24.0	4 or 6	-	31.4	121	457
27.0	3	-	35.3	136	514
36.0	4	-	47.0	181	686
45.0	5	-	58.8	226	857
54.0	6	-	70.5	272	1029
60.0	7	-	78.4	302	1143
72.0	8	-	94.0	362	1371
90.0	10	-	117.6	453	1714

* Full load current calculated for maximum voltage

750 ltr to 10,000 ltr



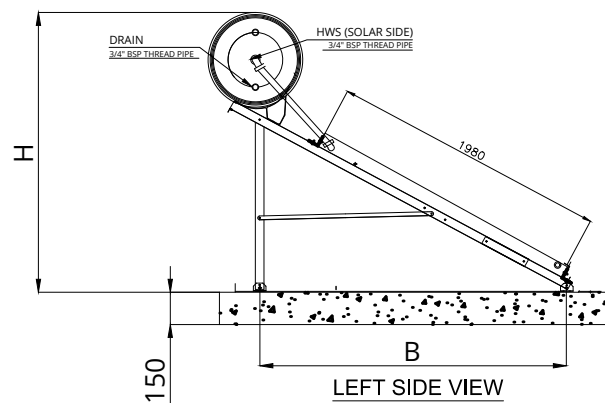
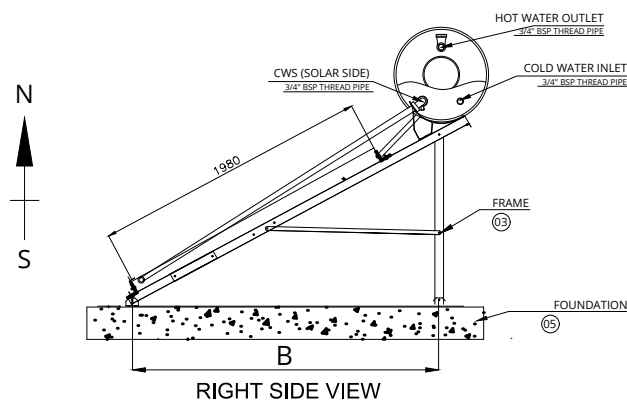
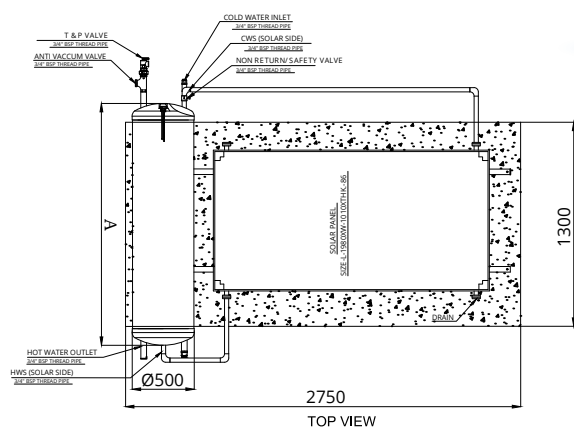
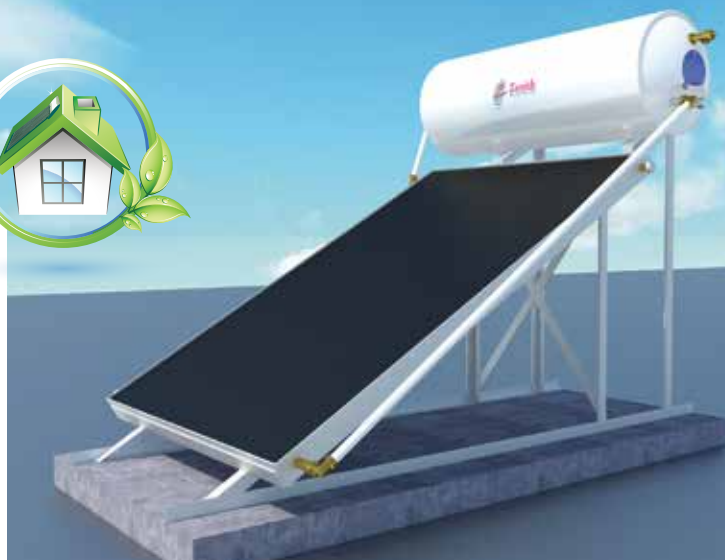
Power Options

KW Input	No. of Elements	Full Load Current (A)		Heat Recovery at 45°C	
		220 - 240V 1 PH	380 - 440V 3 PH	(Gallons / Hour)	(Liters / Hour)
99	11 X 9 Kw	-	129.3	498	1886
108	12 X 9 Kw	-	141.0	544	2057
117	13 X 9 Kw	-	152.8	589	2229
126	14 X 9 Kw	-	164.6	634	2400
135	15 X 9 Kw	-	176.3	680	2572
144	16 X 9 Kw	-	188.0	725	2743
153	17 X 9 Kw	-	199.8	770	2915
162	18 X 9 Kw	-	211.6	815	3086
171	19 X 9 Kw	-	223.4	861	3257
180	20 X 9 Kw	-	235.1	906	3429
189	21 X 9 Kw	-	246.9	951	3601
198	22 X 9 Kw	-	258.6	997	3772
207	23 X 9 Kw	-	270.4	1042	3943
216	24 X 9 Kw	-	282.1	1087	4115
225	25 X 9 Kw	-	293.9	1133	4286
234	26 X 9 Kw	-	305.6	1179	4458
243	27 X 9 Kw	-	317.4	1223	4630
252	28 X 9 Kw	-	329.2	1268	4801
261	29 X 9 Kw	-	340.9	1314	4973
270	30 X 9 Kw	-	352.7	1359	5144

* Full load current calculated for maximum voltage

Solar Systems

Thermosyphonic Water Heater

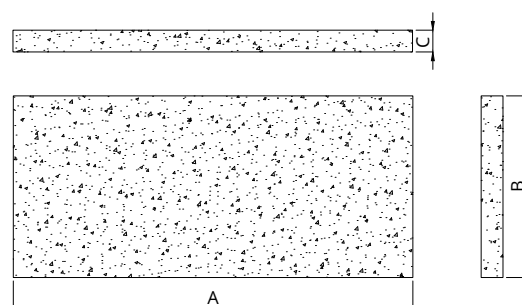


Technical Information

Model	Tank Capacity (L)	No. of Users	A Width (mm)	B Length (mm)	H Height (mm)	No. of Panels (2m ² each)	Panel's Length (mm)	Panel's Width (mm)	Electrical Backup (W)
ZS150	150	3	1290	2100	1710	1	1980	1010	3000
ZS200	200	4	1710	2100	1710	1	1980	1010	3000
ZS300	300	6	2300	2100	1710	2	1980	1010	3000

Foundation Drawing Information

Model	Tank Capacity (L)	A Width (mm)	B Length (mm)	H Height (mm)	Panel Length (mm)	Panel Width (mm)	Electrical Backup (W)
ZS150	150	2750	1300	150	1980	1010	3000
ZS200	200	2750	1300	150	1980	1010	3000
ZS300	300	2752	2800	150	1980	1010	3000

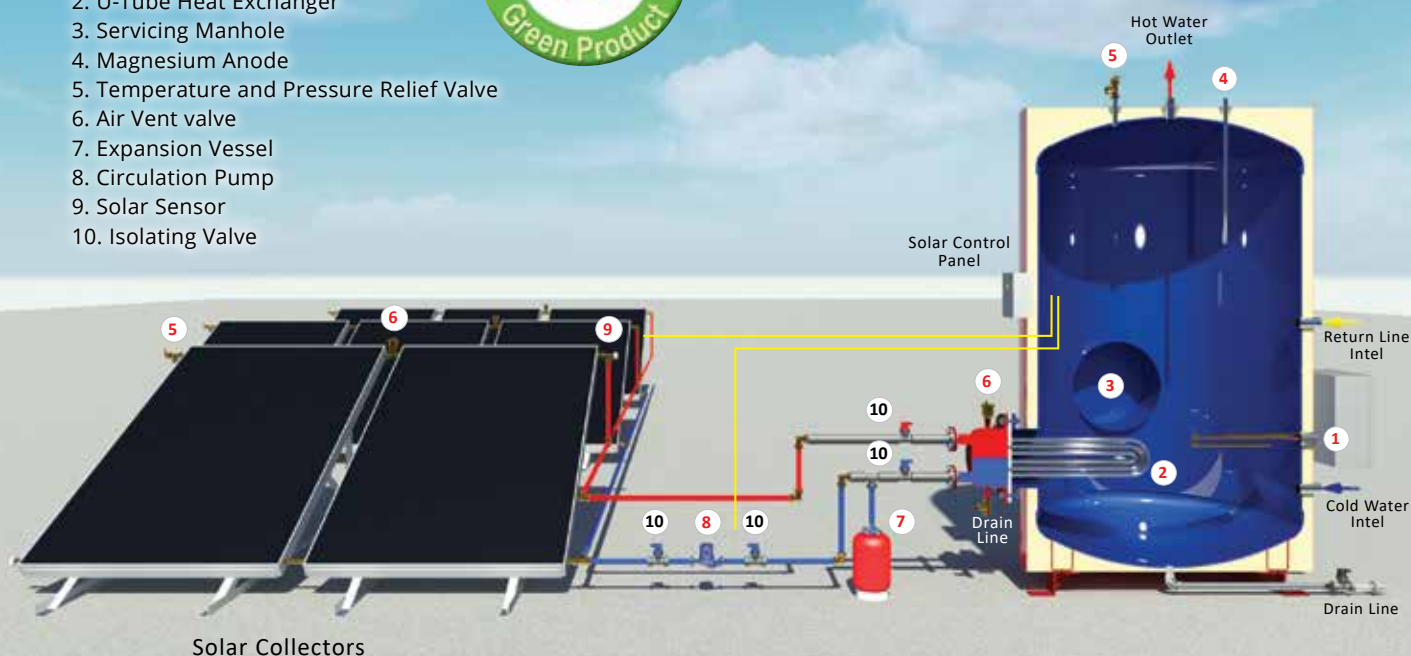


* Possible combinations up to 10000 (L)

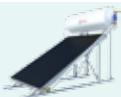
Solar Systems

Forced Circulation Water Heater

1. Backup Heating Element
2. U-Tube Heat Exchanger
3. Servicing Manhole
4. Magnesium Anode
5. Temperature and Pressure Relief Valve
6. Air Vent valve
7. Expansion Vessel
8. Circulation Pump
9. Solar Sensor
10. Isolating Valve



Technical Information

Model	Heater		
	KW	A Height (mm)	B Diameter (mm)
 ZS 500	6	1380	855
ZS 750	6	1300	1080
ZS 1000	9	1600	1080
ZS 1500	9	2260	1080
ZS 2000	18	2100	1350
ZS 2500	18	2540	1350
ZS 3000	24	2980	1350
ZS 4000	24	3120	1350
ZS 5000	30	3170	1700
ZS 6000	30	3140	1850
ZS 7500	36	3170	2050
ZS 10000	36	3240	2300

* Possible combinations up to 10000 (L)

Hotels



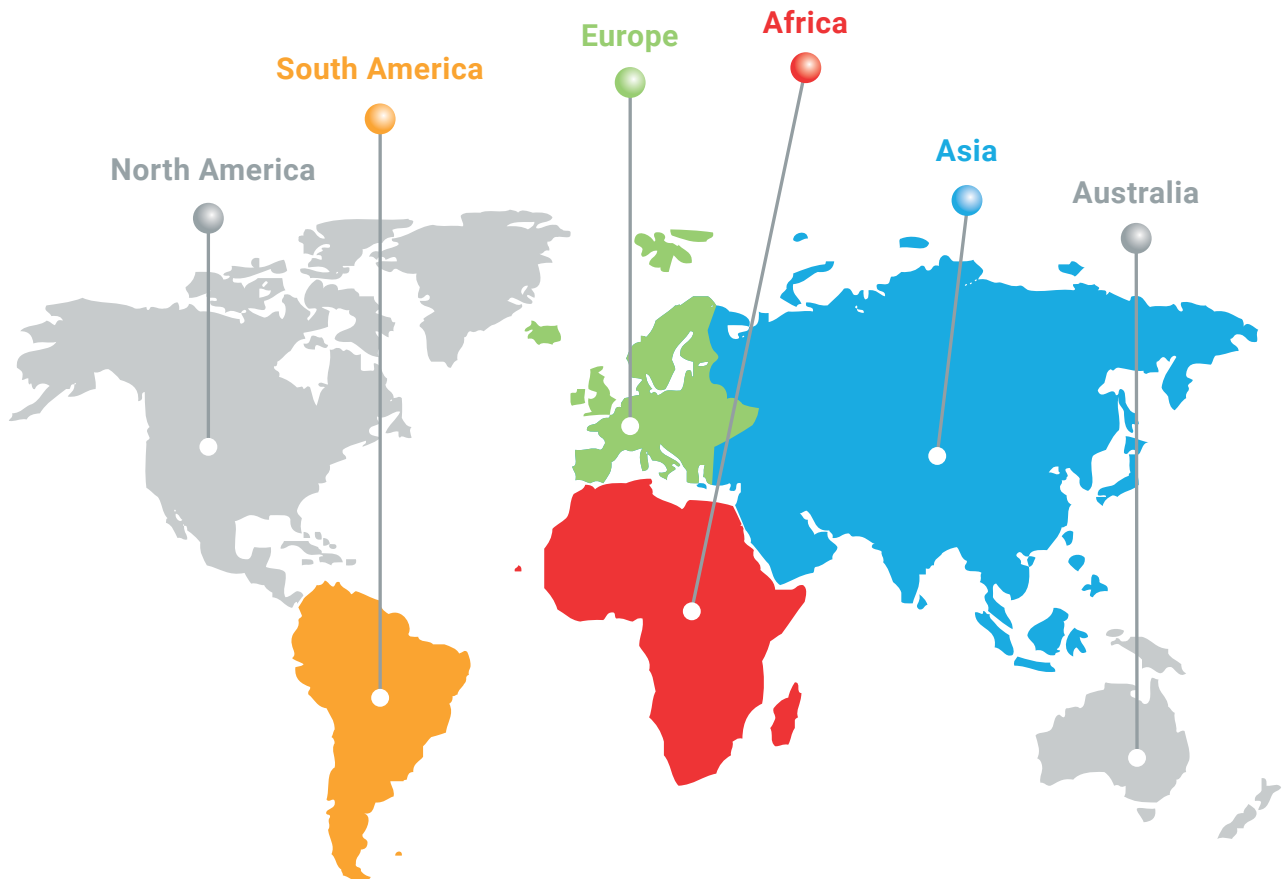
Hospitals



Schools



Export Map



Packaging & Shipping Information

Capacity (Liters)	Unit Volume (CU-M)	Gross Weight (KG)	Net Weight (KG)	Units in 40 Feet Container	Units in 50 Feet Trailer
15	0.0583	7.50	6.50	1152	1296
30	0.0930	10.60	9.50	700	850
50	0.1227	14	12.50	500	640
80	0.1639	19	17.50	375	480
100	0.1861	22	20	375	480
120	0.2200	25	23	300	384
150	0.2792	31	28	250	310
200	0.3553	43	39	175	224

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