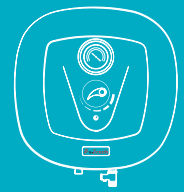
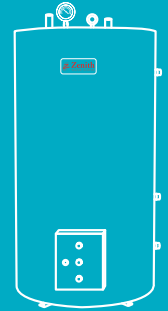
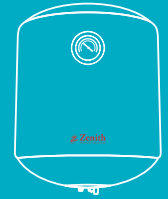


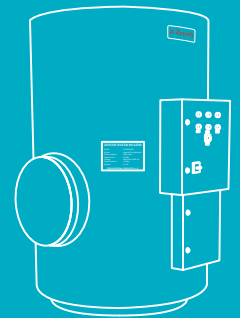
PERFORMANCE  
**GUARANTEED**



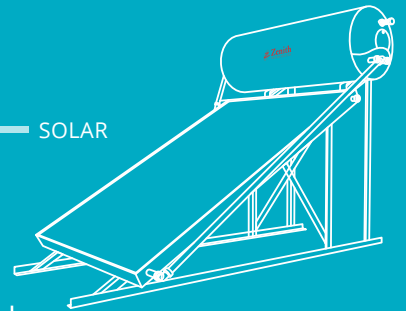
DOMESTIC



COMMERCIAL



SOLAR



[www.zenithheater.com](http://www.zenithheater.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 for SASO)

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

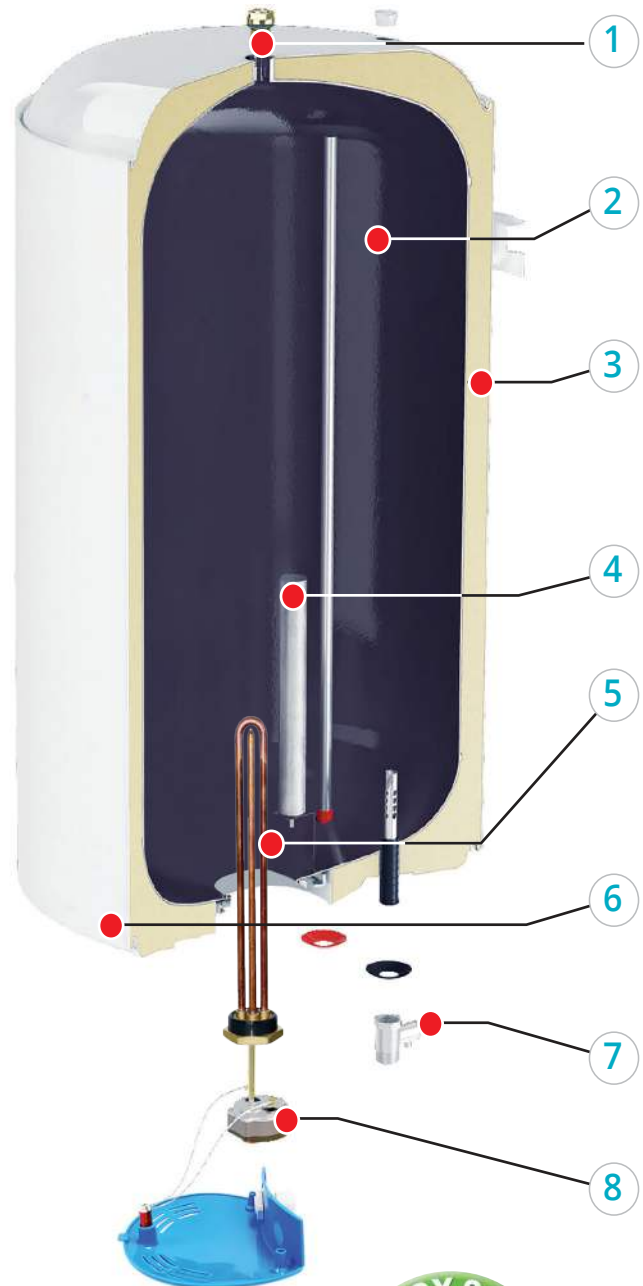
A Metal outer shell coated with a baked white gloss finish, provides an elegant look & offers

## 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

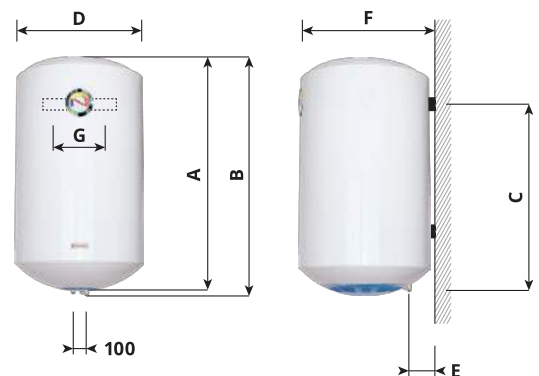


### Technical Information

Capacity (Liters)	Height (mm)	Diameter (mm)	Voltage (Volt)	Standard Power (KW) *	Maximum Working Temp (C°)	Maximum Working Pressure (Bar)
30	495	390	220 - 240V	1.2	70	8bar
50	560	440	220 - 240V	1.2	70	8bar
80	800	440	220 - 240V	1.2	70	8bar
100	970	440	220 - 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







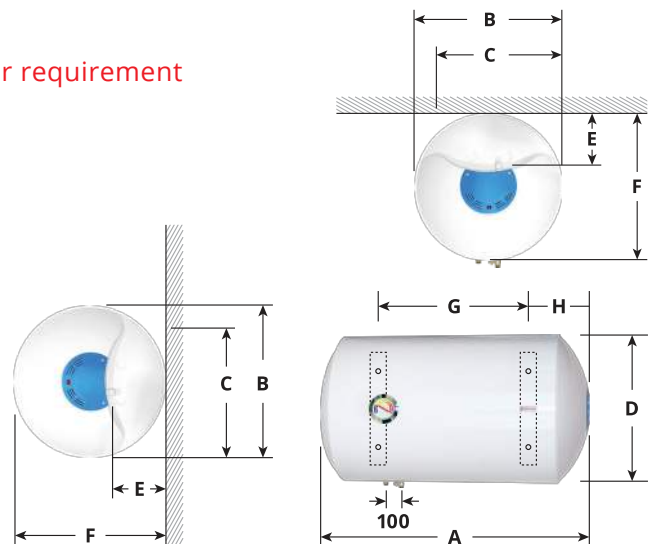
# Horizontal/ Wall/Ceiling Mount

## Technical Information

Capacity (Liters)	Height (mm)	Diameter (mm)	Voltage (Volt)	Standard Power (KW) *	Maximum Working Temp (C°)	Maximum Working Pressure (Bar)
30	475	390	220 - 240V	1.2	70	8bar
50	540	440	220 - 240V	1.2	70	8bar
80	780	440	220 - 240V	1.2	70	8bar
100	950	440	220 - 240V	1.5	70	8bar
120	1040	440	220 - 240V	2.0	70	8bar
150	1300	440	220 - 240V	2.5	70	8bar
200	1590	440	220 - 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	410	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	1450	585	415	560	280	560	900	255



# Prismo

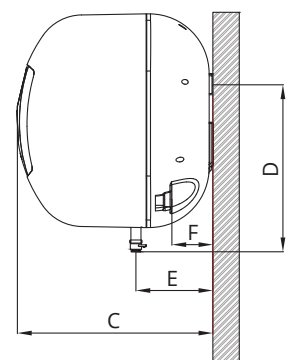
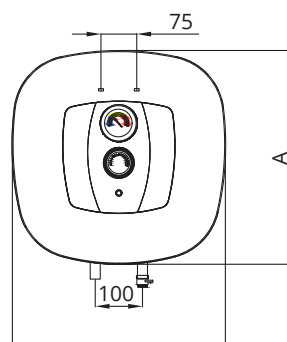
15 & 30 Liters



## Technical Information

Capacity (Liters)	A (mm)	B (mm)	C (mm)	Voltage	D (mm)	E (mm)	F (mm)	Standard Power (KW)
15L	400	400	310	220 - 240V	300	125	70	1.2
30L	445	445	410	220 - 240V	350	160	85	1.2

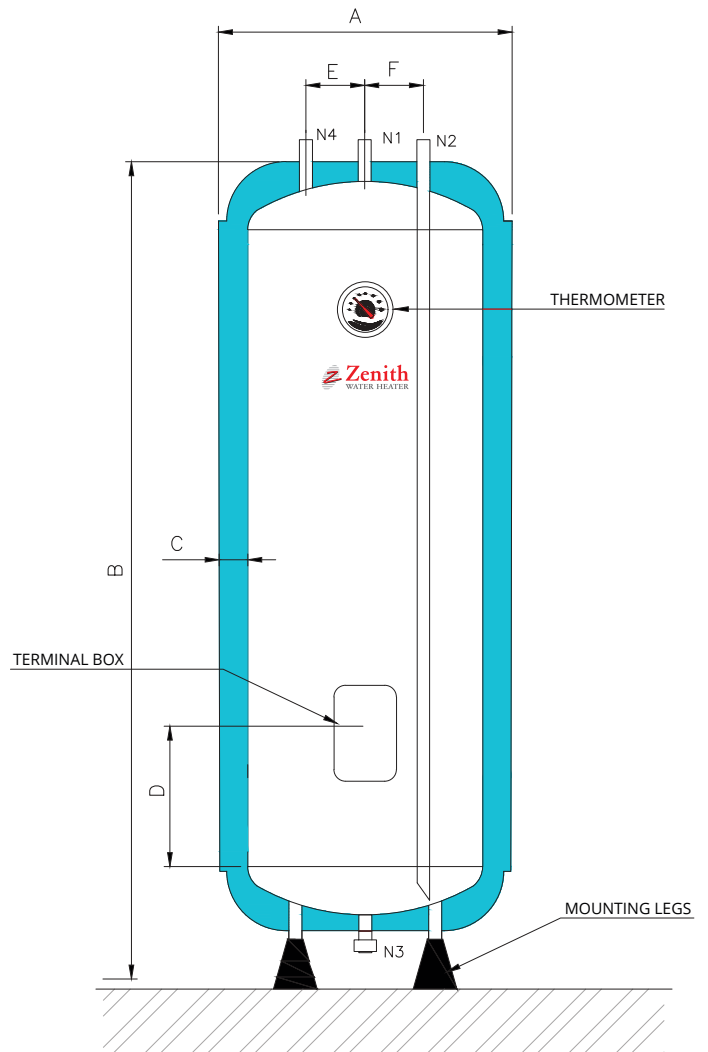
### Color Options



\* Power for each capacity can be customized as per requirement

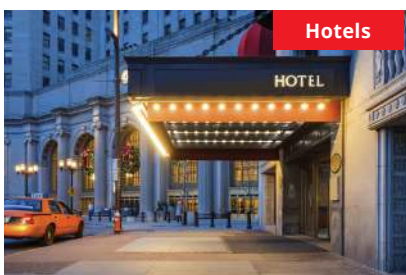
# Central Water Heaters & Calorifiers

150 - 300 Liters (Floor Mount Units)



## Technical Information

Overall Tank Dimensions (mm)							
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Standard Power (KW)
ZT150VFM	440	1485	20	95	110	110	2.5
ZT200VFM	540	1450	30	95	150	150	3.0
ZT300VFM	620	1470	30	95	200	200	6



Hotels



Hospitals



Schools

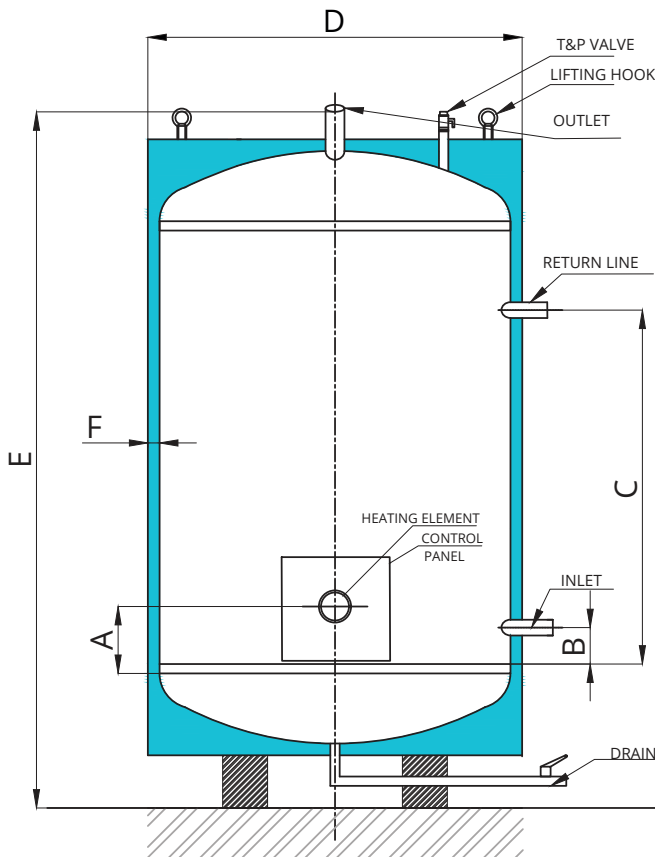
# Stainless Steel Calorifier

Z400VF & Z10,000VF



## Technical Information

Product Dimensions (mm)							
Capacity (Liters)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Standard Power (KW)
ZT400VF	100	70	900	800	1500	75	9.0
ZT450VF	100	70	900	800	1680	75	9.0
ZT500VF	100	70	900	800	1700	75	9.0
ZT750VF	100	70	1435	800	2400	75	12.0
ZT1000VF	100	80	1435	900	2350	75	18.0
ZT1500VF	100	90	740	1400	1660	100	24.0
ZT2000VF	100	90	910	1400	1890	100	24.0
ZT2500VF	100	90	1450	1400	2610	100	27.0
ZT3000VF	100	90	1800	1400	3070	100	36.0
ZT4000VF	100	90	1450	1700	2760	100	48.0
ZT5000VF	100	90	1800	1700	3220	100	48.0
ZT7500VF	100	90	1800	2050	3370	100	72.0
ZT10000VF	100	100	1800	2300	3760	100	96



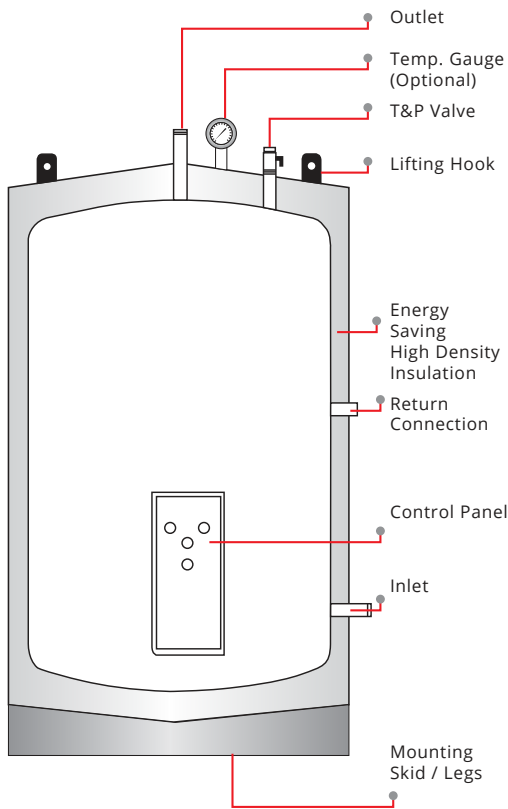
**\* Initial Heating Time is calculated with  $\Delta T = 45^{\circ}C$**

- # 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:  $\pm 0.5\%$

**\* Power for each capacity can be customized as per requirement**



## 300 ltr to 500 ltr

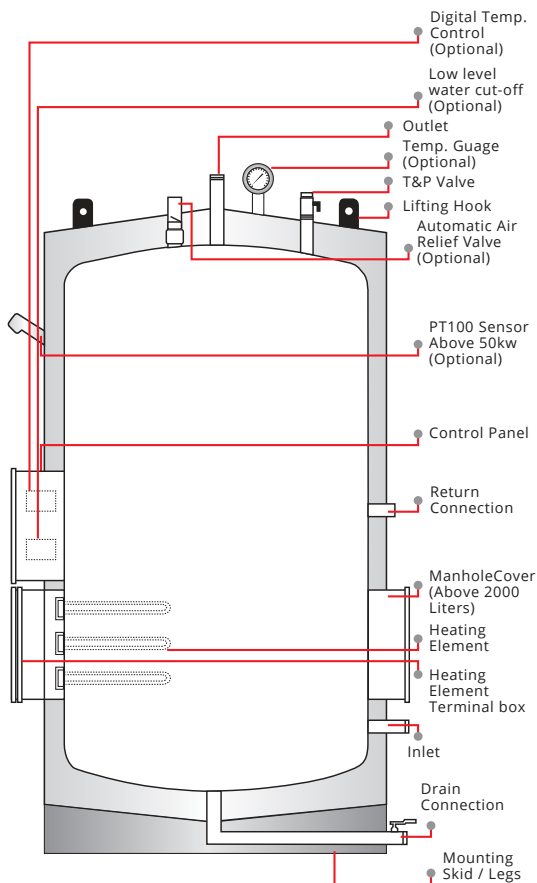


## Power Options

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 + 1.5	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	25.0	7.8	30	115
9.0	1	37.5	11.7	45	171
12.0	1	-	15.7	60	229
18.0	2 x 9	-	23.5	91	343
24.0	2 x 12	-	31.4	121	457
27.0	3 x 9	-	35.3	136	514
36.0	3 x 12	-	47.0	181	686
48.0	4 x 12	-	58.8	226	857
60.0	4 x 15	-	78.4	302	1143
72.0	4 x 18	-	94.0	362	1371
90.0	5 x 18	-	117.6	453	1714

\* Full load current calculated for maximum voltage

## 750 ltr to 10,000 ltr



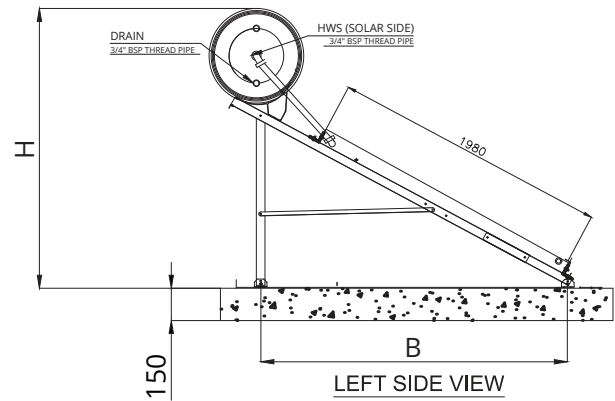
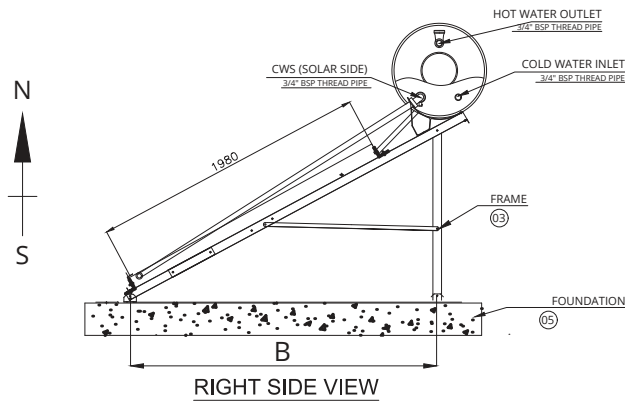
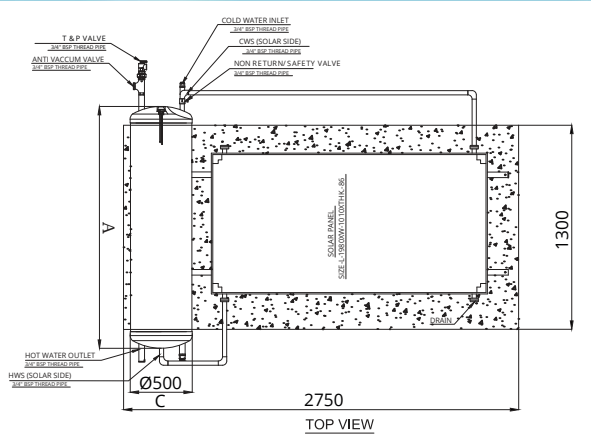
## Power Options

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

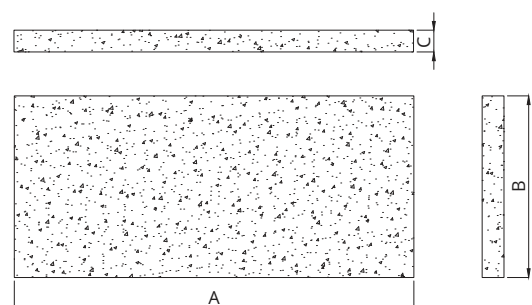


## Technical Information

Model	Tank Capacity (L)	No. of Users	A Width (mm)	B Length (mm)	H Height (mm)	No. of Panels (2m <sup>2</sup> each)	Panel's Length (mm)	Panel's Width (mm)	Electrical Backup (W)	C Diameter (mm)
ZT150S	150	3	1350	2100	1690	1	1980	1010	1500	440
ZT200S	200	4	1500	2100	1740	1	1980	1010	3000	540
ZT300S	300	6	1500	2100	1830	2	1980	1010	3000	620

## 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)
ZT150S	150	2750	1300	150	1980	1010	1500
ZT200S	200	2750	1300	150	1980	1010	2000
ZT300S	300	2752	2800	150	1980	1010	3000



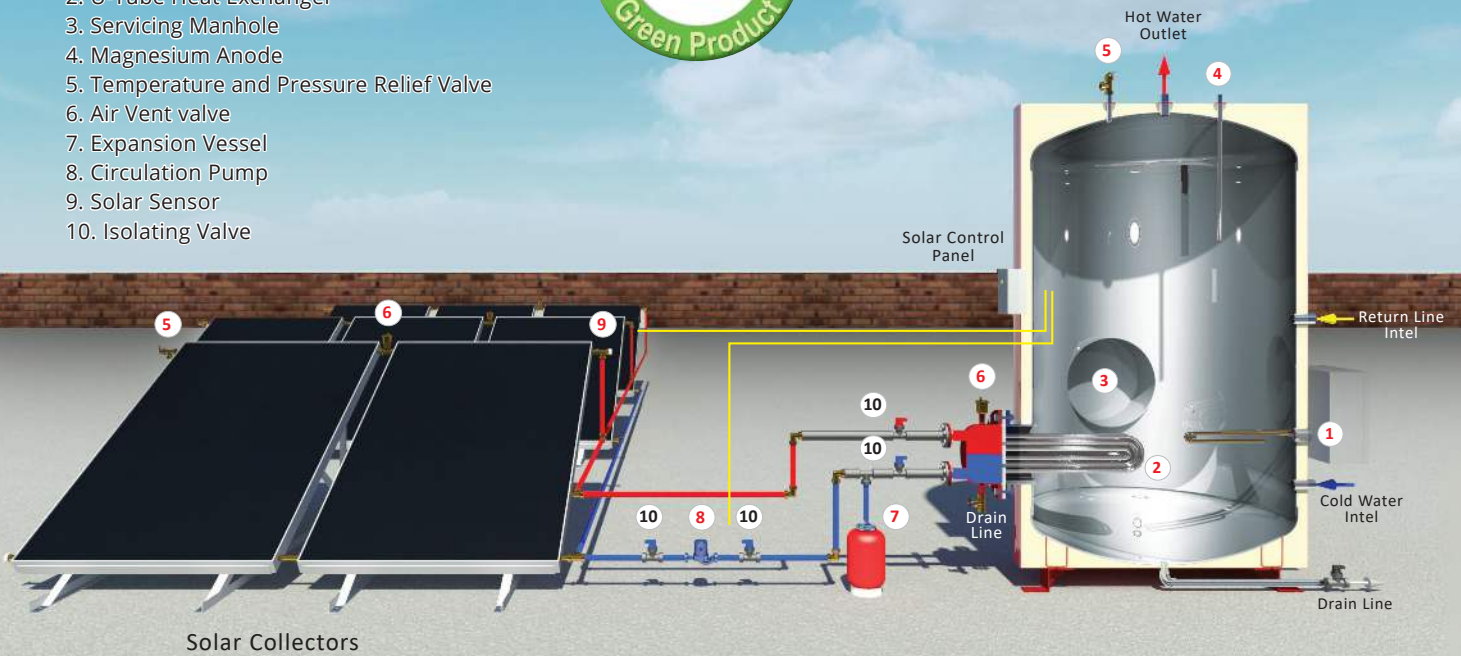
\* Possible combinations up to 10000 (L)

# 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



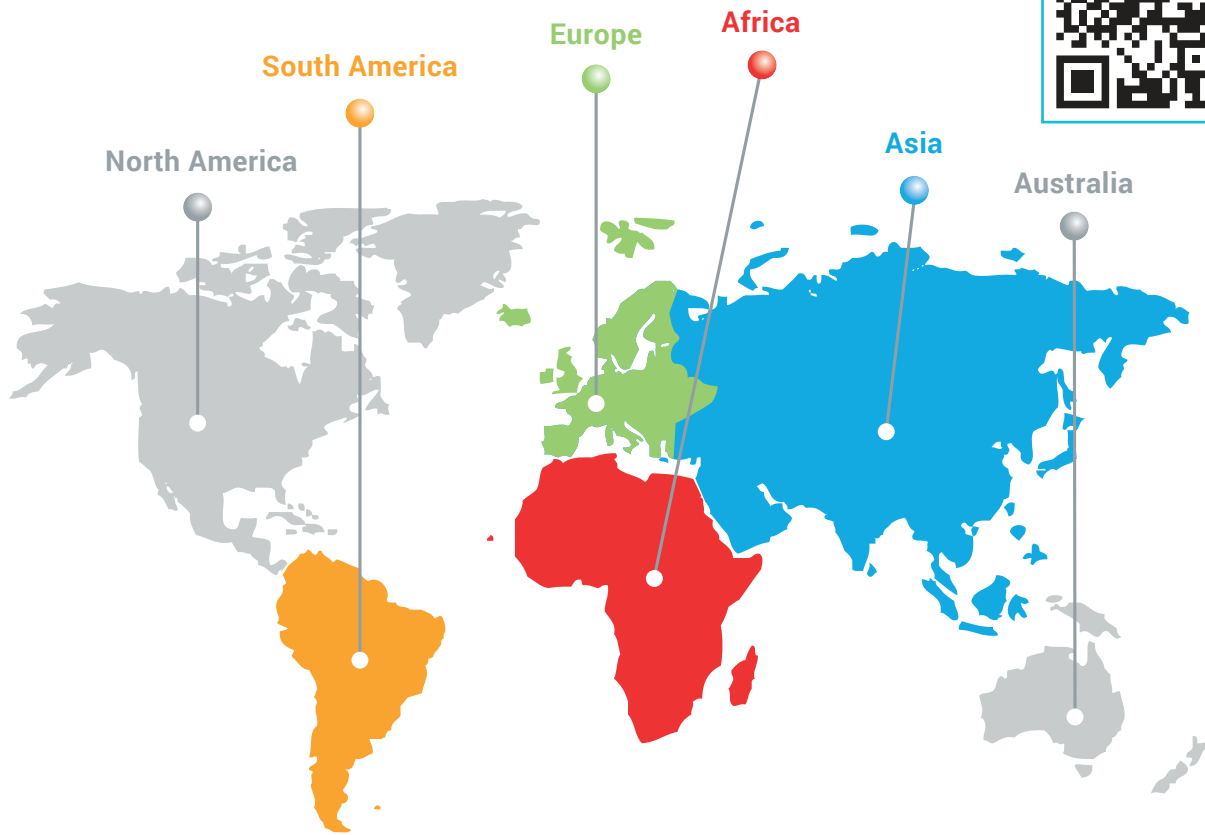
## Technical Information

Model	Heater		
	KW	A Height (mm)	B Diameter (mm)
ZS 500	6	1700	800
ZS 750	6	2400	800
ZS 1000	9	2350	900
ZS 1500	9	1660	1400
ZS 2000	18	1890	1400
ZS 2500	18	2610	1400
ZS 3000	24	3070	1400
ZS 4000	24	2760	1700
ZS 5000	30	3220	1700
ZS 7500	36	3370	2050
ZS 10000	36	3760	2300

\* Possible combinations up to 10000 (L)



# Export Map



## EUROPE

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P.O. Box: 2891 Ajman, U.A.E.  
E-mail: [zenithok@emirates.net.ae](mailto:zenithok@emirates.net.ae), [info@zenithuae.net](mailto:info@zenithuae.net)

## 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	1180	1300
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	300	384
120	0.2200	25	23	336	384
150	0.2792	31	28	240	320
200	0.3553	43	39	195	256