

ELTON™

ELECTRIC STORAGE WATER HEATER



Series EWH

W A R M I N G Y O U R H O M E



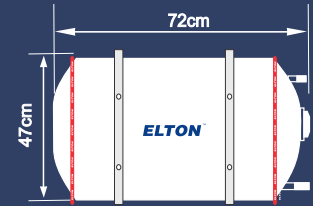
Series Horizontal Models



Capacities:

68ℓ
15gals

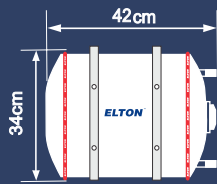
Model: EWH-68-R
Wattage: 3.0KW
Net Weight: 28 Kgs
Heating Time: 33 mins



Capacities:

14ℓ
3gals

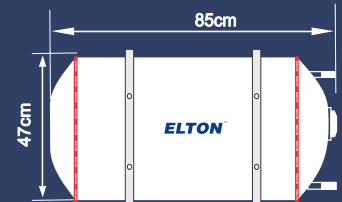
Model: EWH-14-R
Wattage: 2.0KW
Net Weight: 13 Kgs
Heating Time: 7 mins



Capacities:

82ℓ
18gals

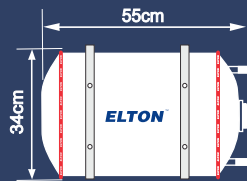
Model: EWH-82-R
Wattage: 3.0KW
Net Weight: 33 Kgs
Heating Time: 42 mins



Capacities:

23ℓ
5gals

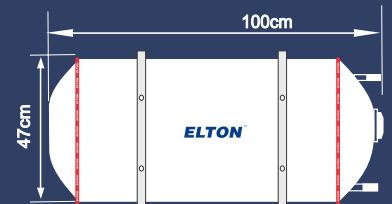
Model: EWH-23-R
Wattage: 3.0KW
Net Weight: 15 Kgs
Heating Time: 12 mins



Capacities:

100ℓ
22gals

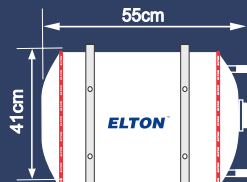
Model: EWH-100-R
Wattage: 3.0KW
Net Weight: 38 Kgs
Heating Time: 51 mins



Capacities:

32ℓ
7gals

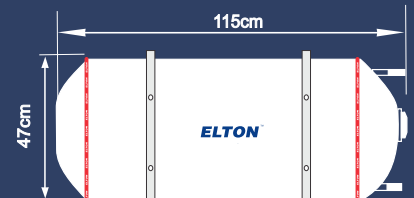
Model: EWH-32-R
Wattage: 3.0KW
Net Weight: 19 Kgs
Heating Time: 16 mins



Capacities:

123ℓ
27gals

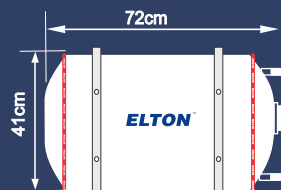
Model: EWH-123-R
Wattage: 3.0KW
Net Weight: 42 Kgs
Heating Time: 63 mins



Capacities:

45ℓ
10gals

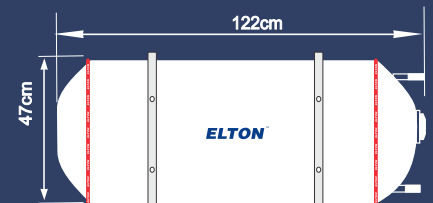
Model: EWH-45-R
Wattage: 3.0KW
Net Weight: 23 Kgs
Heating Time: 23 mins



Capacities:

150ℓ
33gals

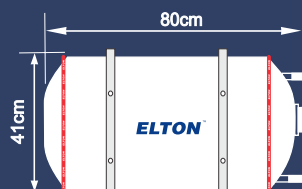
Model: EWH-150-R
Wattage: 3.0KW
Net Weight: 45 Kgs
Heating Time: 77 mins



Capacities:

55ℓ
12gals

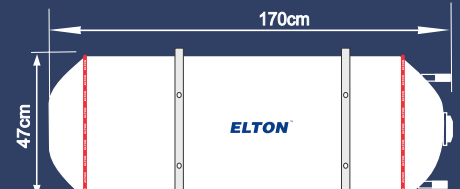
Model: EWH-55-R
Wattage: 3.0KW
Net Weight: 25 Kgs
Heating Time: 28 mins



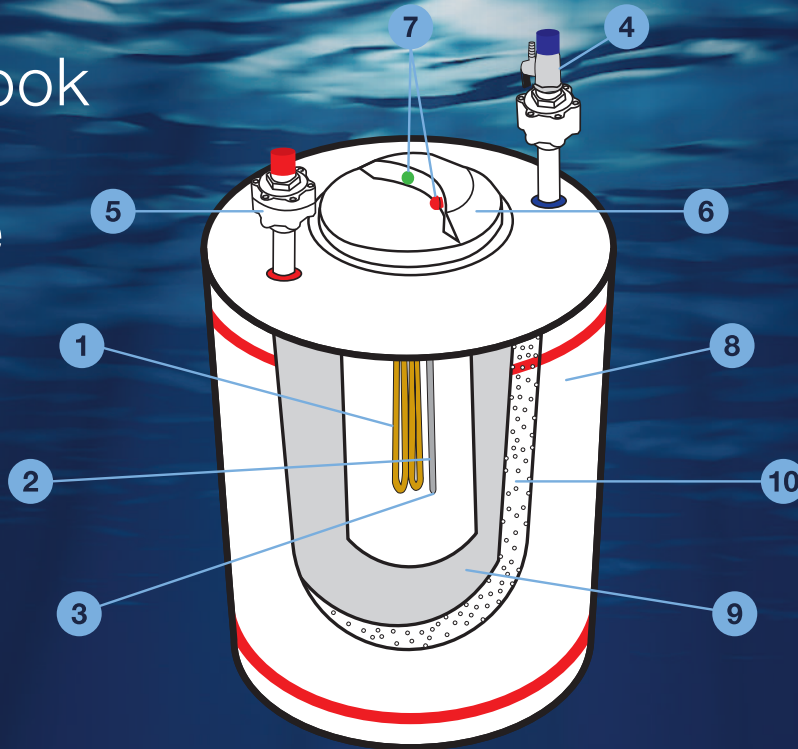
Capacities:

200ℓ
44gals

Model: EWH-200-R
Wattage: 3.0KW
Net Weight: 66 Kgs
Heating Time: 103 mins



Take A Closer Look at The Structure



Component Parts from Europe

1. Heating Element

- Copper sheathed immersion type element for efficient heat transferring.
- Comes with low watt density for higher performance and reliability.
- “User-friendly” installation method.

2. Thermostat

- Sense and monitor the temperature of water in the heater tank.
- Easy to replace.

3. Thermal Cut-Off

- Third safety device.
- Act as a protection for heating element from dry burn when the tank is empty.
- Fire hazard and scalding prevention.

4. Safety Pressure Relief Valve

- To guard against excessive pressure build-up in the heater tank. Act as a non-return valve. (to prevent back flow of water in the heater tank)
- Prevent explosion and serious injuries.

Structure Detail

5. Isolation Barrier

- High quality ABS plastic, withstand heat.
- Prevent from static and electrocution.

6. Inspection Cover

- High quality ABS plastic.
- Easier maintenance access.

7. Dual Pilot Lamp

- Act as a indicator.
- Green - Mains
- Red - Heater

8. Outer Casing

- Coated with anti-rust epoxy technology.
- Heater tank protector.

9. Stainless Steel Inner Tank

- Thick stainless steel (AISI 304L 2D)
- Excellent anti-corrosive properties within atmosphere and water.
- Tested with 18bars to ensure no risk of leakage.

10. Insulation Foam

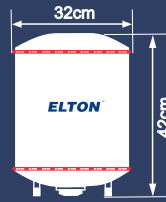
- Designed high density of polyurethane foam up to 2.5lb/ft³.
- Minimized the loss of heat to 0.001% per hour.

Series Vertical Models



Capacities:

14ℓ
3gals



Model: EWH-14-R
Wattage: 2.0KW
Net Weight: 10 Kgs
Heating Time: 6 mins

Capacities:

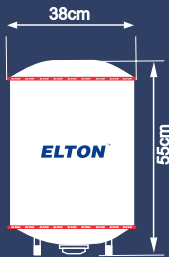
23ℓ
5gals



Model: EWH-23-R
Wattage: 3.0KW
Net Weight: 12 Kgs
Heating Time: 11 mins

Capacities:

32ℓ
7gals



Model: EWH-32-R
Wattage: 3.0KW
Net Weight: 15 Kgs
Heating Time: 15 mins

Capacities:

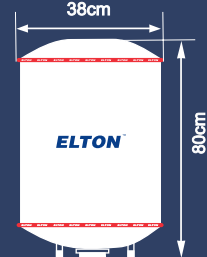
45ℓ
10gals



Model: EWH-45-R
Wattage: 3.0KW
Net Weight: 19 Kgs
Heating Time: 20 mins

Capacities:

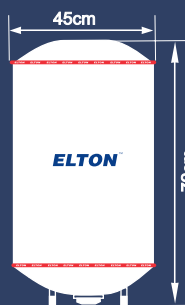
55ℓ
12gals



Model: EWH-55-R
Wattage: 3.0KW
Net Weight: 21 Kgs
Heating Time: 26 mins

Capacities:

68ℓ
15gals



Model: EWH-68-R
Wattage: 3.0KW
Net Weight: 23 Kgs
Heating Time: 31 mins

Capacities:

82ℓ
18gals



Model: EWH-82-R
Wattage: 3.0KW
Net Weight: 28 Kgs
Heating Time: 40 mins

Capacities:

100ℓ
22gals



Model: EWH-100-R
Wattage: 3.0KW
Net Weight: 33 Kgs
Heating Time: 50 mins

Capacities:

123ℓ
27gals



Model: EWH-123-R
Wattage: 3.0KW
Net Weight: 37 Kgs
Heating Time: 61 mins

Capacities:

150ℓ
33gals



Model: EWH-150-R
Wattage: 3.0KW
Net Weight: 40 Kgs
Heating Time: 75 mins

Capacities:

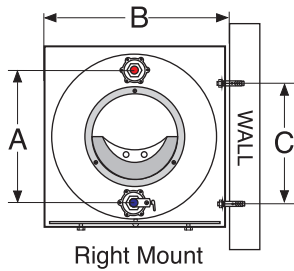
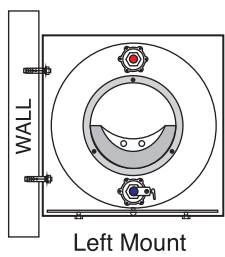
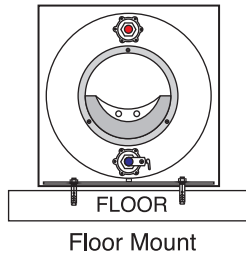
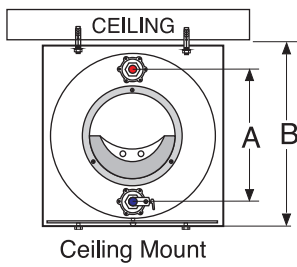
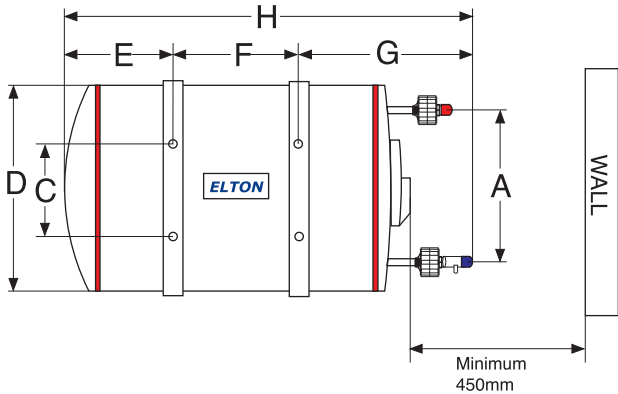
200ℓ
44gals



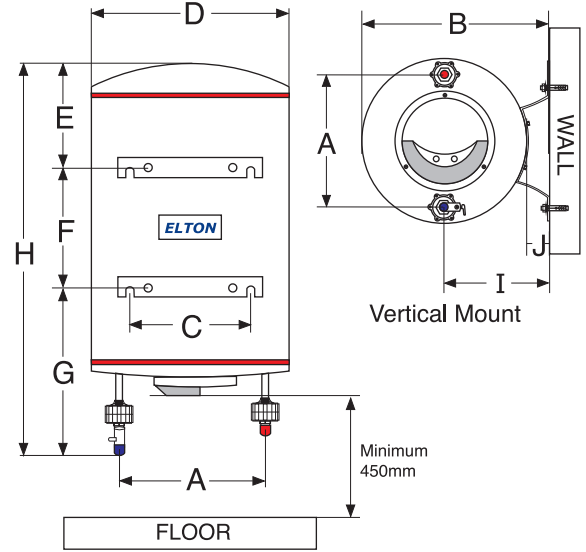
Model: EWH-200-R
Wattage: 3.0KW
Net Weight: 61 Kgs
Heating Time: 100 mins

Installation Diagram

Horizontal Mounting



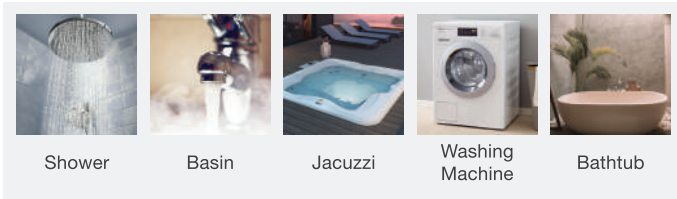
Vertical Mounting



Measurement Table

Model	Capacity		Dimension (mm)									
	Litre	Gallon	A	B	C	D	E	F	G	H	I	J
Horizontal	14	3	240	340	240	320	100	135	260	495	-	-
	23	5	240	340	240	320	125	175	315	615	-	-
	32	7	265	410	240	380	140	175	315	630	-	-
	45	10	265	410	240	380	140	315	315	770	-	-
	55	12	265	410	240	380	115	408	315	838	-	-
	68	15	285	470	240	450	140	315	320	775	-	-
	82	18	285	470	240	450	210	415	330	955	-	-
	100	22	285	470	240	450	185	560	315	1060	-	-
	123	27	285	470	240	450	255	590	375	1220	-	-
	150	33	285	470	240	450	240	755	315	1310	-	-
200	44	285	470	240	450	305	950	475	1730	-	-	
Vertical	14	3	240	355	226	320	100	135	260	495	195	35
	23	5	240	355	226	320	125	175	315	615	195	35
	32	7	265	415	226	380	140	175	315	630	225	35
	45	10	265	415	226	380	140	315	315	770	225	35
	55	12	265	415	226	380	115	408	315	838	260	35
	68	15	285	485	226	450	140	315	320	775	260	35
	82	18	285	485	226	450	210	415	330	955	260	35
	100	22	285	485	226	450	185	560	315	1060	260	35
	123	27	285	485	226	450	255	590	375	1220	260	35
	150	33	285	485	226	450	240	755	315	1310	260	35
200	44	285	485	226	450	305	950	475	1730	260	35	

Recommend for



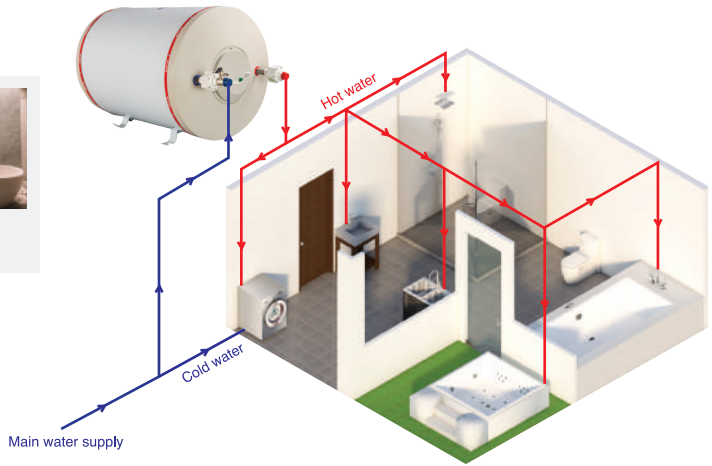
Shower

Basin

Jacuzzi

Washing Machine

Bathtub



Technical Table

CAPACITY		WEIGHT (kg)				TIME TAKEN TO HEAT (MIN)*	DIMENSION (mm)				USE FOR*			
		HORIZONTAL		VERTICAL			HORIZONTAL		VERTICAL					
GALS.	LTRS.	EMPTY	FILLED	EMPTY	FILLED		DIA.	LENGTH	DIA.	HEIGHT	SINK	SHOWER	BATHTUB	JACUZZI
3	14	13	27	10	24	11	340	420	320	420	✓	X	X	X
5	23	15	38	12	35	13	340	550	320	550	✓	✓	X	X
7	32	19	51	15	47	18	410	550	380	550	✓	✓	X	X
10	45	23	68	19	64	25	410	720	380	720	✓	✓	X	X
12	55	25	80	21	76	31	410	800	380	800	✓	✓	✓	X
15	68	28	96	23	91	38	470	720	450	720	✓	✓	✓	✓
18	82	33	115	28	110	46	470	850	450	850	✓	✓	✓	✓
22	100	38	138	33	133	55	470	1000	450	1000	✓	✓	✓	✓
27	123	42	165	37	160	69	470	1150	450	1150	✓	✓	✓	✓
33	150	45	195	40	190	84	470	1220	450	1220	✓	✓	✓	✓
44	200	66	266	61	261	110	470	1700	450	1700	✓	✓	✓	✓

* Time taken to heat up to approximately 55°C. Inlet water temperature at 28°C.

*(✓) Recommended (X) Not Recommended

Technical Specifications

- Electrical Loading : 3.0kW, 15AMP AC 240V / 50Hz
2.0kW, 15AMP AC 240V / 50Hz (used for EWH-14-R only)
- Electric Cable : 2.5mm x 3 core x 105°C 300/500V
- Water Temperature Control : Thermostatically controlled cut-off at 60°C and cut-in at 40°C
- Thermal Cut-Out (Third safety) : Safety Cut-Out at 99°C
- Working Pressure : Maximum : 8.0 bar (116 psi)
Minimum : 0.5 bar (7.25 psi)
- Piping Connection : 15mm (½") dia. BSP
- Tested Pressure : 17.5 bar (250psi)
- Safety Valve : Pressure release at 8.0 bar (110psi ± 5)
- Insulation Polyurethane Foam (CFC-Free) : Thickness : 2" / 50mm
Density : 40kg/m³
- Inner Tank : Stainless steel (AISI 304L 2D Thickness 1.25mm)
(Thickness 1.5mm for EWH-200-R)
- Outer Casing : Electrostatic Epoxy technology

Authorized Dealer: