



The new degree of comfort.®



RHEEM'S NEWEST RANGE OF INNOVATIVE WATER HEATERS



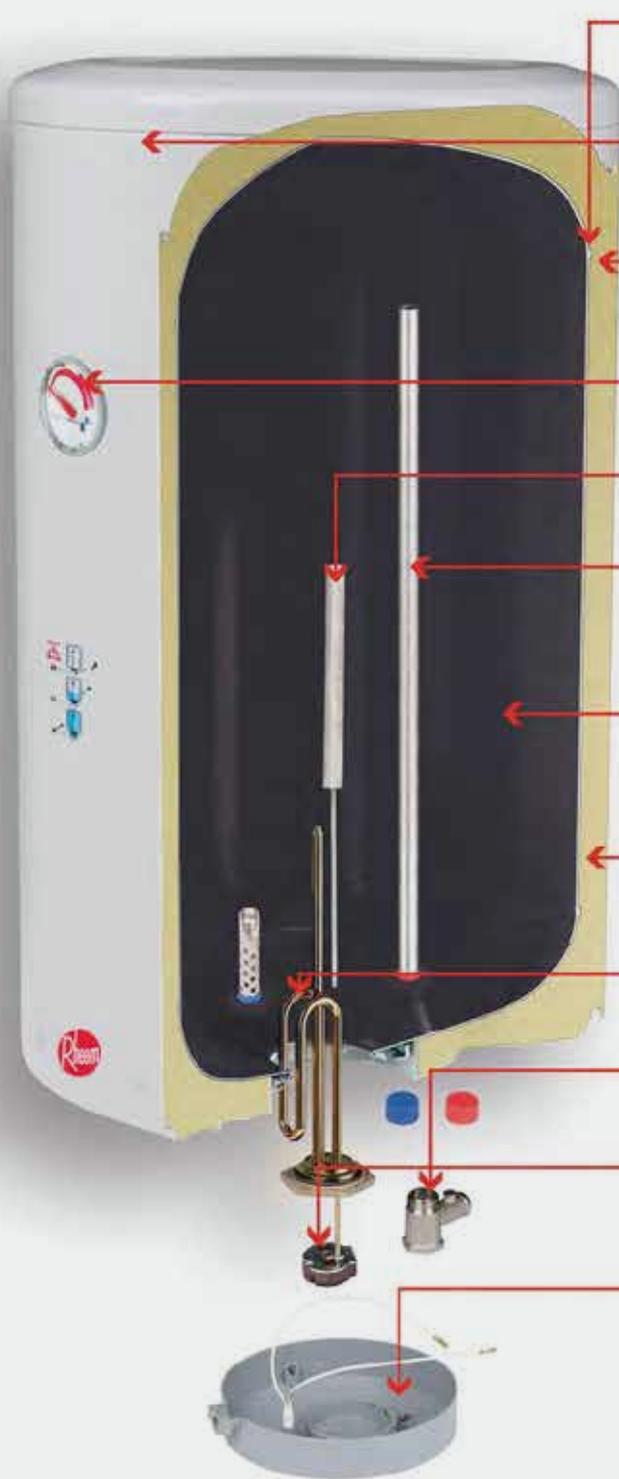
- HEATING ELEMENT
MADE IN ITALY
- SAFETY VALVE
MADE IN ITALY
- THERMOSTAT
MADE IN ITALY

Point-Of-Use
Water Heaters
**RHPOU
Series**



RHEEM®
**HOME
COMFORT™**

MAJOR COMPONENTS



1 Welding

Welding of the tank is made by automatic shield to protect the weld area.

2 Steel Outer Case

Electrostatic powder coated with white epoxy oven baked thus ensuring long life.

3 Tank

Thick walled tank to withstand high pressure test of $12\text{kg/cm}^2 = 1.2\text{MPa}$ (170psi) conforming to European standards.

4 Thermometer

To provide indication of water temperature.

5 Magnesium Anode

Provided as extra protection against corrosion.

6 Stainless Steel Inlet and Outlet pipes

Pipes are mounted in nylon sleeves to prevent electrolysis between the tank and the pipes. The inlet pipe is buffered so that the cold water enters at low level and prevents turbulence in the tank.

7 Glasslined

Rheem water heaters are fitted with inner tanks lined with flexible enamel vitrified at high temperature. The lining and the metal of the storage tank are effectively bonded. Glasslining resists corrosion.

8 Polyurethane foam

25mm high density polyurethane foam insulation for high thermal efficiency

9 Heating Element

High quality copper sheathed for easy heat transfer.

10 Twin Functional Safety Valve

Acts as Non-return valve and safety pressure relief valve.

11 Double Safety Thermostat

High precision energy efficient thermostat made by reputed Italian manufacturer to ensure maximum safety against overheating.

12 Plastic Protection Cover

Easy to remove and fix during periodic maintenance /resetting.

FEATURES AND BENEFITS

GLASSLINED INNER TANK

Glass lining is a coating on the inner surface of the tank which provides effective protection and guarantees to prevent corrosion and rust which means hygienic water to every user

CATHODIC PROTECTION

A sacrificial magnesium anode guarantees maximum protection of the inner tank against the damaging effects of electrochemical reaction in water heating which ensures long life of inner tank.

HEATING ELEMENT

The heating element (made in Italy) permits rapid thermal exchange, made of high-quality copper, which is flange type and easy to replace.

DOUBLE SAFETY THERMOSTAT*

The Italian thermostat is combined with the temperature regulator. The system has a dual over heating control mechanism, which cuts off supply of the power automatically in the event of failure of the main thermostat.

SAFETY VALVE

Twin function safety cum non return valve manufactured by industrial leaders in Italy ensure the safe operation of the heater and prevents the chances of rupture or leakage of tank, in the event of thermostat failure.

STAINLESS STEEL PIPES

Inlet and outlet pipes are fabricated from corrosion resistant high-quality stainless steel which can be easily withdrawn for removal of anytime scale deposits.

INSULATION

Heaters are thermally insulated with high density CFC free polyurethane foam (PUF) filled around the inner tank of excellent heat retention which minimizes heat loss and ultimately saves energy.

OUTER CASING

The outer body is made of superior quality steel sheet coated with EPOXY POWDER white in colour ensures long lasting and superior finish.

PLASTIC PROTECTION COVER

Which is easy to remove and fix during periodic maintenance / resetting.

OTHER FEATURES

- "Thermometer" at the top of the water heater enables to ensure the availability of hot water.
- "Pilot Lamp" indicates the unit is in heating phase.
- "Anti-splash Mechanism" prevents mixing of hot water with cold water and ensure continuous supply of hot water at all times.

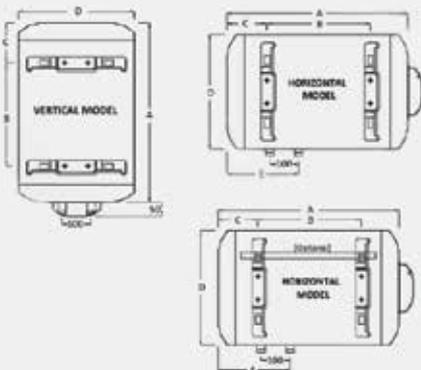
STANDARD TECHNICAL SPECIFICATIONS

SL	"RHEEM MODEL NO.	"INSTALLATION TYPE	CAPACITY	DIMENSIONS					"Packing Dimensions	Gross Weight (KG)
				A	B	C	D	E	Length x Width x Height (mm)"	
1	RHPOUGL030V-XY	VERTICAL	30L	420	NA	120	400	NA	430x430x520	14.75
2	RHPOUGL030H-XY	HORIZONTAL	30L	420	170	120	400	240	430x430x520	14.75
3	RHPOUGL050V-XY	VERTICAL	50L	520	360	130	400	NA	430x430x720	18
4	RHPOUGL050H-XY	HORIZONTAL	50L	620	360	130	400	240	430x430x720	18
5	RHPOUGL080V-XY	VERTICAL	80L	950	675	130	400	NA	430x430x1040	27.75
6	RHPOUGL080H-XY	HORIZONTAL	80L	950	675	130	400	240	430x430x1040	27.75
7	RHPOUGL100V-XY	VERTICAL	100L	1070	810	130	400	NA	430x430x1160	32.5
8	RHPOUGL100H-XY	HORIZONTAL	100L	1070	810	130	400	240	430x430x1160	32.5

GL: Glass Lined Series.

XY for 30L and 50L : 1500W or 1200W or 800W or 600W with 220-240V, 50 Hz

XY for 80L and 100L : 1500W or 1200W or 200W or 800W or 600W with 220-240V, 50 Hz



Max. Working Pressure: 0.8MPa
Rated Voltage: 220-240VAC, 1 Phase
Frequency : 50-60-Hz

Safety Cutout: 83 °C
Inlet / Outlets Pipe Sizes: 1/2" (15NB)BSPT
Degree of Protection: IPX1

Thermostat Rating: 16 Amps
Max Thermostat setting: 70 °C

Note

Warranty: Each water heater is guaranteed against manufacturing defects and tank leakages.

For details warranty term and conditions please refer our current 'Warranty Certificate'.

All water heaters are supplied with user / installation instructions and warranty card.

*All Heating elements and Thermostat complies to the international standards and IMQ requirements.

Relevant Standards: IEC 60335-2-21 : 2012-11 Ed. 6.0 / IEC 60335-1:2013-12 Ed. 5.1 &

IEC 60335-1:2016-05 Ed. 5.2.

Rheem Water heaters are tested by Dubai Municipality (DCL) and certified by Emirates Authority for Standardization and Metrology (ESMA) UAE with Emirates Quality Mark (EQM)