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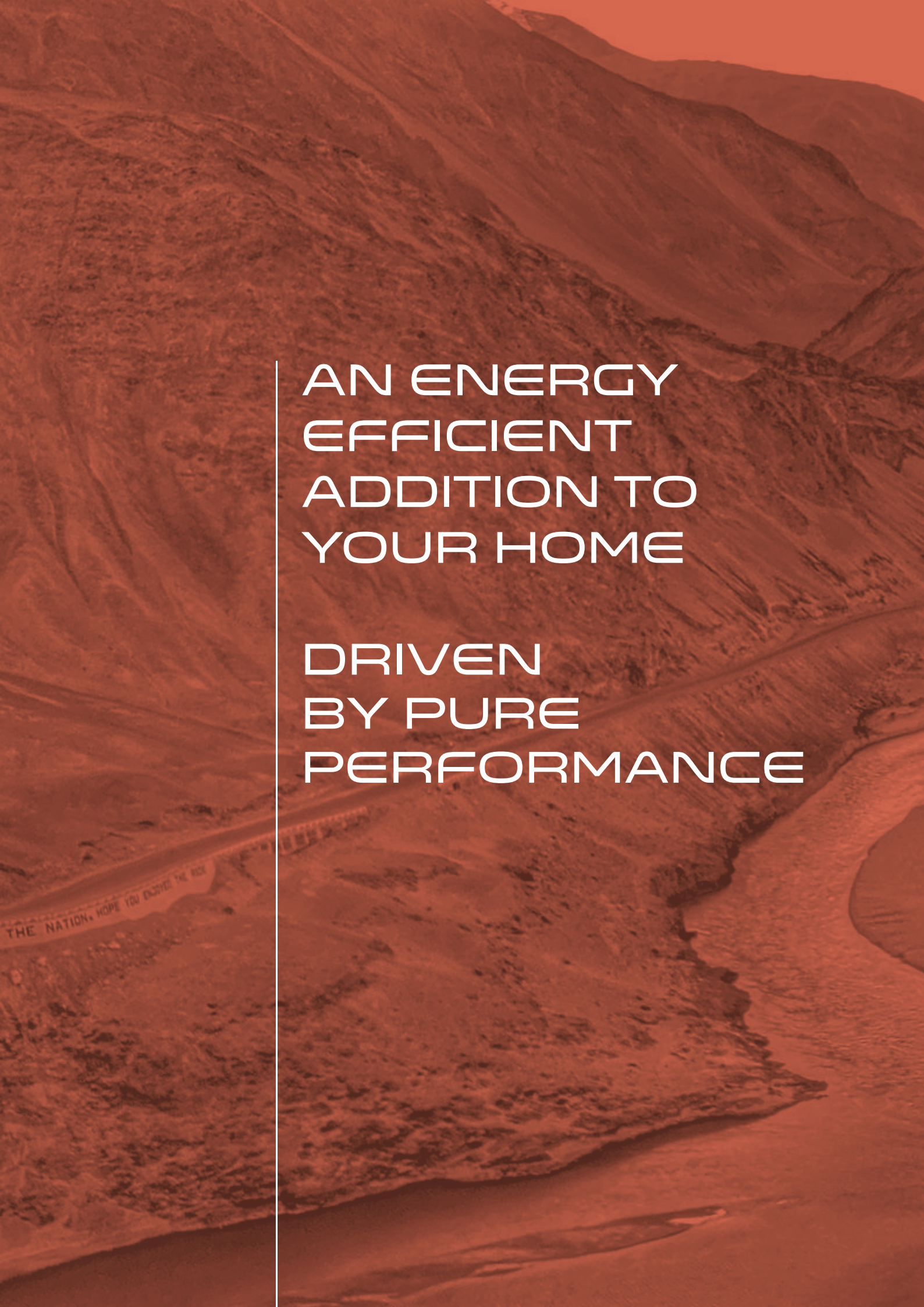
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ENERGY EFFICIENT WATER HEATING

HEAT PUMP WATER HEATER





AN ENERGY
EFFICIENT
ADDITION TO
YOUR HOME

DRIVEN
BY PURE
PERFORMANCE

THE NATION, HOPE YOU ENJOYED THE RISE

A gift from the Himalayas, the Zānskar River is a source of life, and a symbol of purity and never ebbing energy. That's the stuff we're made of – **Pure Performance.**

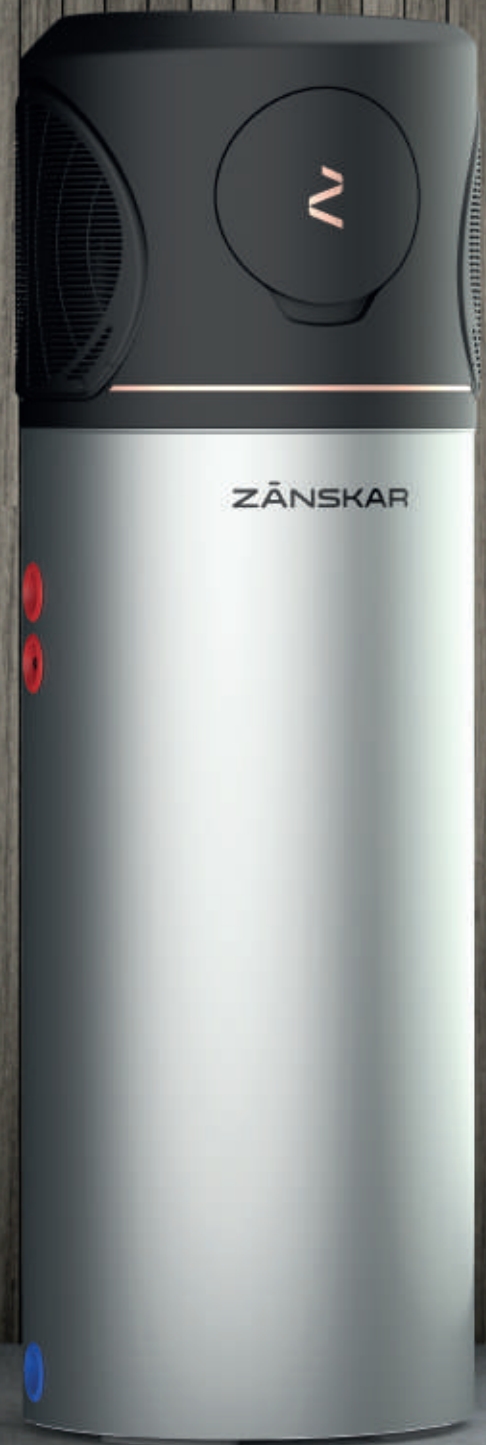
At a time of global change, we believe that water, air and energy are integral to life and that these can and should be made accessible to everyone, in its purest form.

We bring you a range of products and solutions for the home which are designed in India placing highest importance on performance and customer experience.

And like the Zānskar valley, with conservation in mind, we acknowledge the beauty and fragility of the ecosystems we live in and promise to enhance ones quality of life with thoughtful products and services.



ZĀNSKAR
PURE PERFORMANCE



ZÄNSKAR



ZANSKAR
HOTSPRING™

HEAT PUMP WATER HEATER

- Air To Water
- All in one - 300 L
- Hot water for your entire home

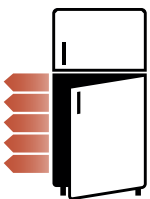
What is a heat pump really?

It is a renewable energy water heating appliance which saves up to 75% of power.

A highly efficient product, an air to water heat pump works all year around unlike other renewable energy products.

It uses the energy in the air to heat water by means of a refrigerant or via a vapour compression cycle.

Think of it as a refrigerator, but in reverse.



While a refrigerator extracts heat from food that's inside and transports it to the heat exchanger, a heat pump collects heat from the air and rises the temperature of the refrigerant, which passes heat to the heat exchanger and heats up water. And after passing on the heat, the temperature of the refrigerant drops again, enabling it to absorb heat again, repeating the cycle.



Why heat pumps are the best choice for heating water for your entire home?

Indoor or outdoor installation



Environment Friendly with High Energy efficiency



Uses no Ozone depleting gases



Works in all weather conditions



Easy to Install & Operate

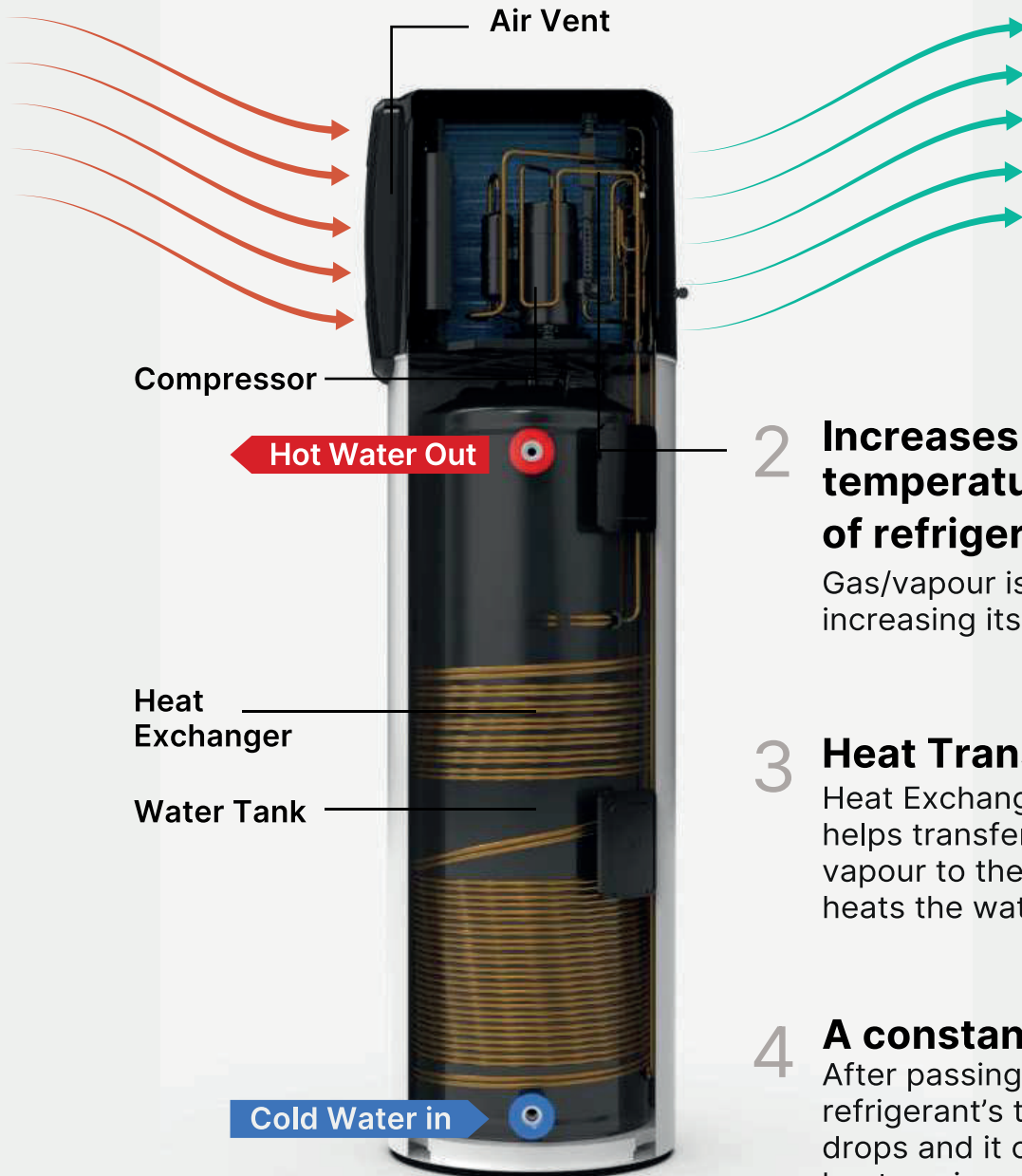
Low Maintenance & running cost



How does a heat pump work?

1 Collects surrounding air

Pulls warmth from the air and transfers it to the refrigerant which becomes gas/vapour.



2 Increases the temperature of refrigerant

Gas/vapour is compressed, increasing its temperature.

3 Heat Transfer

Heat Exchanger (Condenser) helps transfer heat from the vapour to the tank which heats the water

4 A constant cycle

After passing heat, the refrigerant's temperature drops and it can absorb heat again.

Why the Zanskar Hotspring™ heat pump?

**75%
Energy
Saving**

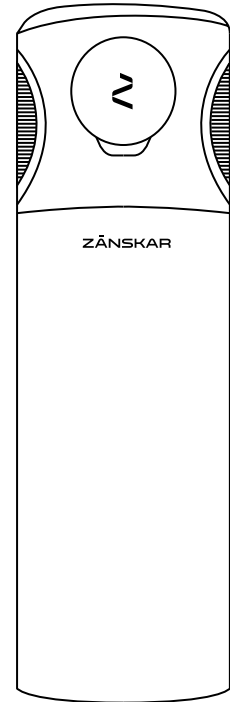
Ideal for

- Individual Homes
- Large Apartments
- Small Commercial Spaces



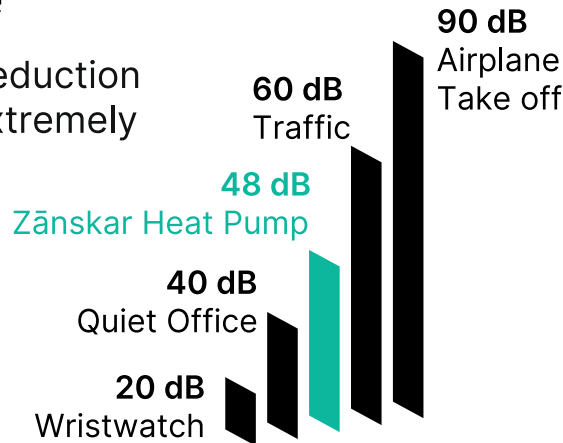
All In One

Single unit. No separate compressor and tank



Low Noise

All-in-one noise reduction design ensures extremely quiet operation.



Intelligent Controller

3 heating Modes

- Standard
- Eco
- Intelligent

**Plug
and Play**



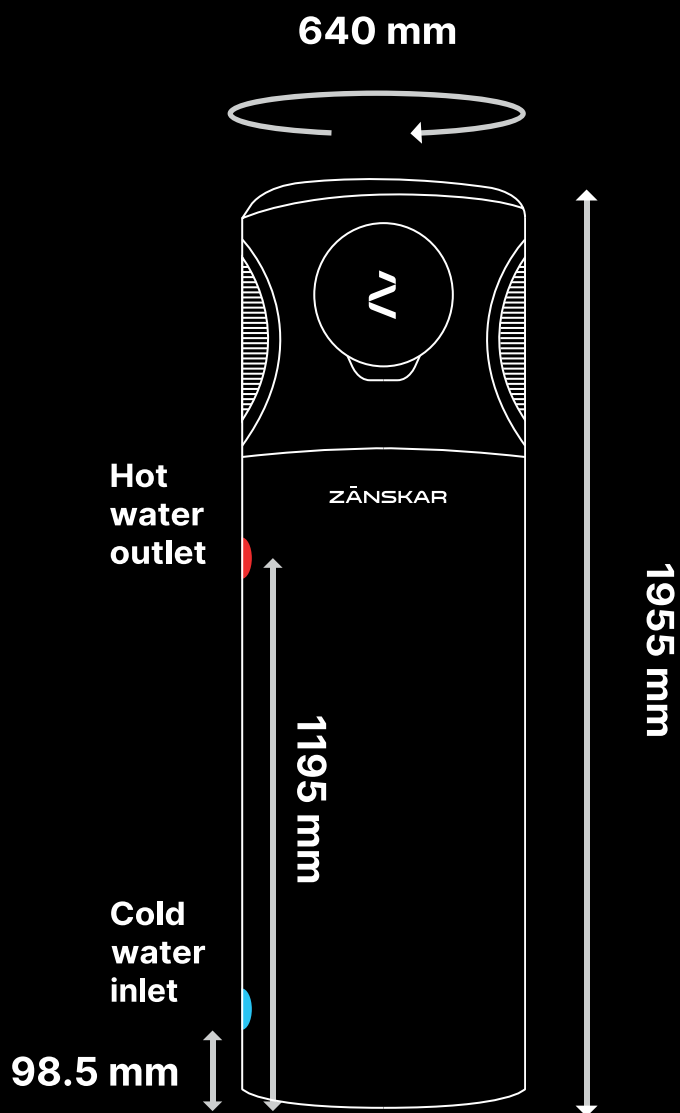
Rotary
Compressor
from
HITACHI

International Certifications

Compliant with
Australian Standards.



Dimensions & Connections



Technical data

HSHPM300

Nominal capacity	300 Litre
Outer diameter	640 mm
Weight (when empty)	129 kg
Weight (filled)	429 kg
Height	1995 mm
Cylinder material	Enamelled Steel
Operating Air temperature range (HP Mode)	-5° to 43°C
Maximum pressure	8.5 bar
Max. Hot water temperature (HP+ back up heater)	60°C

Electrical/Power Specifications

Rated Input - HP mode	0.9kw
Heating Output - HP mode	3.6 kw
Electrical back up	1.5 kw
Rated Input - HP + back up	2.4 kw
Heating Output HP+ back up	5.1 kw
Running Current (including back up heater)	12 Amps
Voltage and Frequency 230V	- 50Hz

Others

Refrigerant type	R 134A
Sound power level	48dB
Coefficient of performance (COP)	4.0
Hot water generation per hour Hp Mode (35 degrees delta)	90 LPH
Heat Up Delta per hour – Heat Pump Mode	11.4°C
Heat Up Delta per hour – with Back Up	16.2°C
IP Rating	IPX4
Water Inlet / Outlet size	3/4 ”

The sun is a primal source of energy. The air. A smarter option.



Solar water
heater



Heat pump
water heater

No

All-season reliability

Yes

No

Low Maintenance

Yes

No

Easy to Operate

Yes

No

Easy Plumbing & Installation

Yes

We're keeping the water warm. Not the environment.

The Zanskar Hotspring™ heat pump water heater isn't just a novel outcome of efficient and seamless design. It's more than that.

Our appliance, with a COP rating of 4.0, conflucnes at the most optimised point of conservation and performance.

