



**KNAPS
TECHFAB INDIA LLP**
TOP IN TECHNOLOGY, TOP IN QUALITY

YOUR BEST CHOICE FOR A **ALL IN ONE HEAT PUMP**



MISSION

To revolutionize water heating with energy-efficient, long-lasting systems

VISION

A smarter, cleaner future powered by heat pump innovation

**Solar
Compatible**

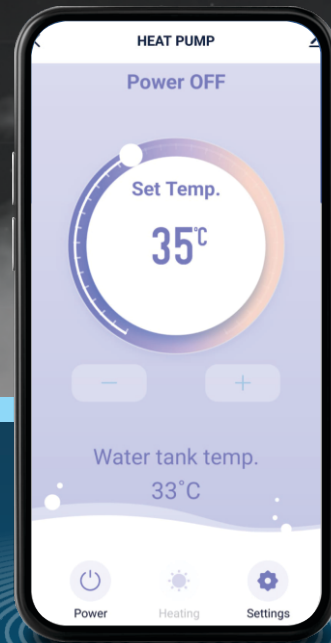
Low Noise

**Carbon
Neutral**

**low power
Consumption**



SMART ALL IN ONE HEAT PUMP



FEATURES

- 4X more efficient than electric heaters
- Smart, sustainable, Silent
- WIFI smart control.
- IPX4 class, ideal for outdoor application.
- Microchannel heat exchanger.
- Up to 75°C hot water output
- Wi-Fi smart control
- R134a refrigerant – eco-friendly
- Likely meant Electrically impressed anode - no rust or smell
- Silent 48 dB operation
- Compact, all-in-one design



STABLE SILENT OPERATION

20dB(A)
Rustle of leaves



30dB(A)
Whisper



48dB(A)
All in one
Heat Pump

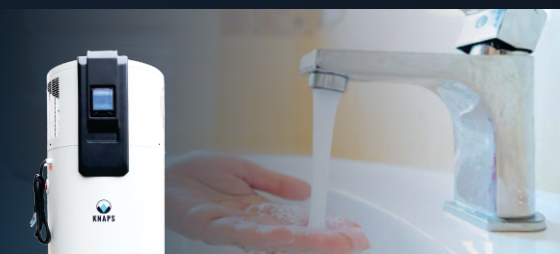
50dB(A)
Fridge



70dB(A)
Car



Technical Data



Parameter	Value	Value
Mode	on/off	—
Tank Capacity	200L	300L
Tank Material	enamel	enamel
Color	silver	silver
Energy Efficiency Class	A+	—
Outer Casing	Plastic	Plastic
Power Supply	220V/50Hz	—
Rated Heating Power	1500W	2250W
Rated Input Power (Heat Pump)	385W	600W
COP	3.9	3.75
Rated Hot Water Production	35L/h	48L/h
Max Water Temperature	75°C	75°C
Electric Heater Power	3100W	2000W
Electric Heater Rated Current Input	2500W	8.9A
Power Input Max	—	3000W
Current Input Max	—	13.3A
Noise	40dB(A)	48dB(A)
Refrigerant Type / Charge / GWP	R290 / 150g / —	R134a / 0.8kg / 1430
CO ₂ Equivalent	—	1.144t
Working Ambient Temperature	-7~45°C	-7~43°C
Operating Pressure (Low Side)	0.8MPa	0.8MPa
Operating Pressure (High Side)	1.0 / 3.0MPa	3.0MPa
Maximum Allowable Pressure	3.0MPa	3.0MPa
Electrical Shockproof Class	I	I
IP Class	IPX4	IPX4
Water Tank Capacity	200L	300L
Water Piping Connections	—	G3/4"
Rated Working Pressure of Tank	1.0MPa	0.8MPa
Air Flow Rated	—	540 m ³ /h
Net Weight	95kg	123kg
Gross Weight	—	149kg
Unit Dimensions (L×W×H)	Ø650 × 1440mm	620 × 620 × 2134mm
Shipping Dimensions (L×W×H)	705 × 705 × 1555mm	700 × 700 × 2417mm

Hot Water, Wherever You Need It

All-in-one heat pumps are efficiently usable across multiple industries in all weather conditions.



Hotels



Residents



Offices



Healthcare



Manufacturing
& Industrial



Spas, Gyms &
Wellness Centers



Hostels



Food & Beverage
Industry

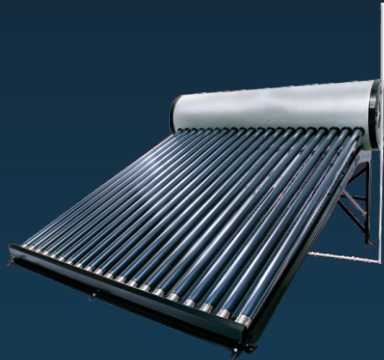


Retail & Malls

Smarter Greener & Cost-Effective



V
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METRICS

- low Initial cost
- low energy usage,
- low maintenance,
- low output temperature,
- long lifespan

INFOGRAPHIC

- Monthly electric bill reduction projection
- CO₂ emission savings over 5 years
- Dealer margin & recurring service potential





Customer Care
+91 78198 04140

Dealer Enquiry
+91 93270 55551

Customer Enquiry
+91 93777 73727

PLOT NO. 329-330, Gujarat Vepari Mahamandal,
Odhav, Ahmedabad – 382415

For Website



For Dealer Inquiries



knapstechfabindia@gmail.com | www.knapstechfab.com