

C O R P O R A T E B R O C H U R E 2 0 2 5 – 2 6

Sustainable Energy & Water Solutions

Premium solar water heating, heat pump technologies,
and intelligent water management systems —
engineered for residences, hotels, hospitals, and industry.

Residences & Villas

Hotels & Resorts

Hospitals

Schools & Hostels

Industrial

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ABOUT COSMIC INDIA

Welcome to **Cosmic India** — where innovation meets sustainability. We are a premier provider of energy-efficient hot water and water management solutions, serving residential, commercial, and industrial clients across India.

As an **authorized distributor** for globally trusted brands — **Solahart** (Australia), **Grundfos** (Denmark), and **Neropure** — we bring world-class technology directly to your doorstep. Our commitment is to deliver solutions that are high-performing, environmentally responsible, and genuinely cost-effective.

We specialize in advanced solar water heating systems, heat pump technologies, and intelligent water pressure solutions. Our mission is to reduce your energy consumption, lower your carbon footprint, and deliver hot water reliably — every single day.

OUR PROMISE

Every system we supply is backed by professional installation, genuine OEM warranties, and dedicated after-sales support.

SERVING

Delhi NCR · Gurgaon · Noida ·
Pan-India Commercial Projects

WHY CHOOSE COSMIC INDIA?

Global Technology, Local Expertise

We bring the world's most trusted brands to India, backed by deep technical knowledge and hands-on installation experience.

End-to-End Service

From initial consultation and site assessment to professional installation and long-term maintenance — we are with you at every step.

Eco-Friendly Innovation

Our systems are engineered to drastically reduce energy bills and carbon footprints without compromising on performance or comfort.

Customized for Every Application

Whether it is a single-family home, a 500-room hotel, or a large industrial facility, we design the right solution for your specific needs.

2019

TRUSTED SINCE

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GLOBAL BRANDS

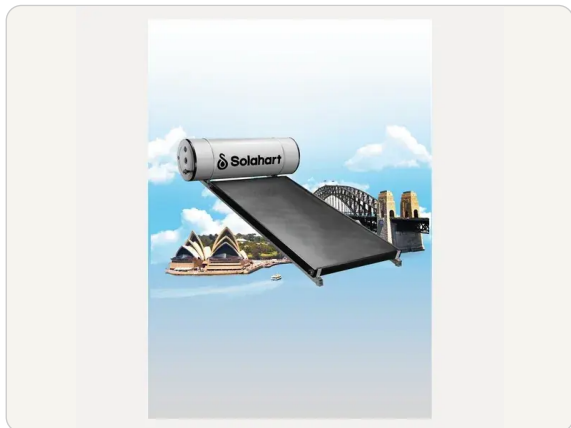
Delhi

NCR SERVICE AREA

SOLAR WATER HEATING SYSTEMS

Authorized Distributor for Solahart, Australia — World Leaders in Solar Water Heating Since 1953. Over 1 million systems installed worldwide. Cosmic India brings Solahart's complete range to India — Australian-engineered reliability for Indian homes, hotels, and institutions.

Solahart Sunheat 150L — Direct Solar System



The Smart Choice for Everyday Hot Water.

Designed for domestic use in regions with non-hard water, the Sunheat Series is an open-circuit thermosiphon system. It requires no pump — the natural thermosiphon effect circulates water silently and reliably.

The black polyester powder-coated aluminium absorber collects the sun's heat and transfers it to copper risers, which carry heated water into the insulated storage tank. The tank features Solahart Super-Shield™ enamel for outstanding corrosion protection and a protective sacrificial anode to extend tank life.

Electric boost ensures hot water is always available, even on cloudy days.

SPECIFICATIONS

Capacity: 150 Litres · **Boost:** 75 Litres

Collector: 1 × BPT Flat Plate · **Area:** 1.87 m²

Absorber: Aluminium · **Risers:** Copper tube

Glass: 3.2 mm tempered

Working Pressure: 1000 kPa

Warranty: 5-year cylinder & collector

Key Benefit: Can reduce water heating energy use by **up to 85%** and save up to **2.7 tonnes of CO₂ emissions** per year when replacing an electric water heater.

Solahart 181J — Indirect Solar System



Engineered for Hard Water Conditions.

The J Series is specifically engineered for medium to high solar gain areas and is the ideal solution for regions with **hard water or frost conditions**. It uses a closed-circuit indirect system where an anti-freeze fluid circulates through the collectors and transfers heat to the water via a heat exchanger — protecting both the system and the water supply from harsh water chemistry.

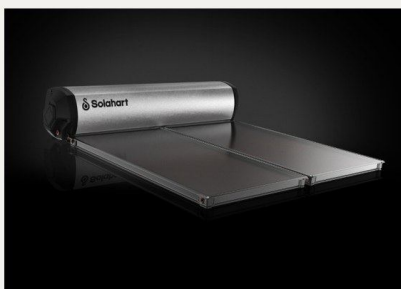
The multi-flow collector uses **35 risers** to extract maximum energy from the sun. Available with the optional **HartStat OTP** (over-temperature protection) system.

SPECIFICATIONS

Capacity: 180 Litres · **System:** Closed-circuit indirect
Collectors: 1 × BPT Flat Plate · **Risers:** 35 per collector
Absorber: Steel, powder coated
Glass: 3.2 mm tempered low iron
Boost: Electric (1.8 / 2.4 / 3.6 kW)
Warranty: 5-year comprehensive

Key Benefit: Reduces water heating energy use by **up to 65%** and saves up to **2.5 tonnes of CO₂** per year. Fully suitable for Delhi NCR's hard water conditions.

Solahart 302J — Indirect Solar System (Larger Capacity)



Uncompromising Performance for Larger Families.

The 302J is the higher-capacity version of the J Series, designed for large families, villas, and guest houses that require a continuous and reliable supply of hot water. It uses the same proven closed-circuit indirect technology as the 181J, with **2 collectors** delivering greater solar energy capture.

The system's anti-freeze heat transfer fluid protects against both hard water scaling and cold-weather freezing — making it one of the most versatile solar water heaters available for Indian conditions.

SPECIFICATIONS

Capacity: 300 Litres · **System:** Closed-circuit indirect
Collectors: 2 × BPT Flat Plate · **Risers:** 35 per collector
Absorber: Steel, powder coated
Glass: 3.2 mm tempered low iron
Boost: Electric (1.8 / 2.4 / 3.6 kW)
Warranty: 5-year comprehensive

Key Benefit: Reduces energy use by **up to 65%** and saves up to **2.5 tonnes of CO₂** per year. Ideal for large families and villas in hard water areas.

Solahart MDV Series — 410L Split System



Aesthetic Design, Maximum Capacity.

For large homes, villas, and premium residences where both performance and visual appeal matter. The MDV Series is an open-circuit split system with **slimline roof-mounted collectors** and a **discreet ground-installed storage tank** — delivering high capacity without cluttering the roofline.

Available with two collector types: the **L Collector** for medium to high solar gain areas, and the higher-efficiency **CSA2007 Envelope Collector** for lower solar gain regions.

SPECIFICATIONS

Capacity: 410 Litres · **Boost:** 220 Litres

Collectors: 2, 3, or 4 units · **System:** Open-circuit split

Tank: Ground-mounted

Collector Area: 1.87 m² each · **Boost:** Electric 3.6 kW

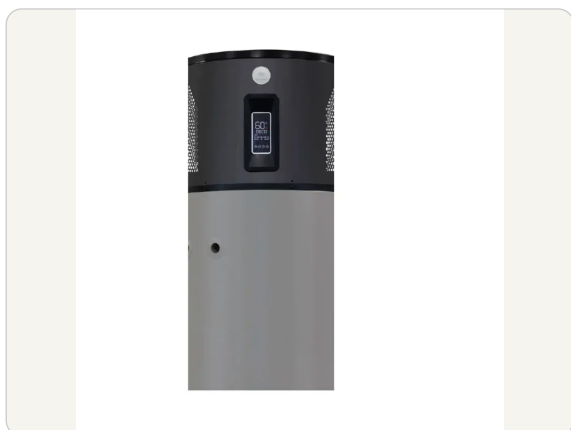
Warranty: 5/3/2 years

Key Benefit: Reduces energy use by **65–75%** and saves up to **2.9 tonnes of CO₂** per year. Ideal for premium villas and large families.

HEAT PUMP TECHNOLOGIES

Solahart Atmos® Eco — Renewable Hot Water, Day and Night. Heat pumps draw heat from the surrounding air to heat water — consuming **up to 73.9% less energy** than a standard electric geyser. They work in all weather conditions, day and night, making them ideal for apartments, urban homes, and any building where roof space is limited.

Solahart Atmos Eco 180L — Domestic Heat Pump



Hot Water Out of Thin Air.

The Atmos Eco 180L Heat Pump creates hot water by absorbing heat from the surrounding air through an evaporator and transferring it to the water via advanced **wrap-around microchannel heat exchange technology** — delivering uniform and faster water heating.

It operates efficiently across a wide ambient temperature range of **−6°C to +43°C**, making it suitable for all Indian climates. Both models feature an electric backup element to ensure hot water is always available, even in extreme conditions.

SPECIFICATIONS

Capacity: 180 Litres · **HP Power Input:** 530 W
Backup Element: 1800 W · **COP @ 19°C:** 4.5
Operating Range: −6°C to +43°C
Refrigerant: R290 (eco-friendly) · **IP Rating:** IP24
Warranty: 7-year cylinder · **Households:** Up to 3 people

Key Benefit: Saves up to **73.9% on water heating energy** vs electric geysers. Works day and night — no sunlight required. Manufactured in Australia.

Solahart Atmos Eco 280L — Domestic Heat Pump



Greater Capacity, Same Exceptional Efficiency.

The Atmos Eco 280L delivers the same advanced heat pump technology as the 180L model, with a larger storage capacity designed for bigger households of up to 6 people. It achieves an impressive **COP of 5.2** at 19°C — meaning it delivers 5.2 units of heat energy for every 1 unit of electrical energy consumed.

The 280L model uses the same wrap-around microchannel heat exchange technology and operates efficiently across the full range of Indian climates.

SPECIFICATIONS

Capacity: 280 Litres · **HP Power Input:** 690 W
Backup Element: 2400 W · **COP @ 19°C:** 5.2
Operating Range: -6°C to +43°C
Refrigerant: R290 (eco-friendly) · **IP Rating:** IP24
Warranty: 7-year cylinder · **Households:** Up to 6 people

Key Benefit: Saves up to **73.9% on water heating energy** vs electric geysers. Works day and night — no sunlight required. Manufactured in Australia.

Commercial Heat Pump Systems



Industrial-Grade Efficiency for High-Volume Demands.

For hotels, hospitals, hostels, factories, and large commercial buildings, Cosmic India supplies commercial-grade heat pump systems in a wide range of capacities. These centralized hot water systems handle the highest demands while dramatically lowering operational costs.

Commercial heat pumps eliminate the need for boilers or large electric geysers — delivering reliable, energy-efficient hot water at scale. Systems can be configured in parallel for additional redundancy and capacity expansion.

CAPACITY	IDEAL FOR	ADVANTAGE
10–20 kW	Hotels & Resorts	Centralized hot water
30–65 kW	Hospitals & Clinics	Low operational cost
80–100 kW	Schools & Industry	High efficiency
150–300 kW	Large Hotels & Factories	High-volume demand
350–500 kW	Industrial & Institutional	Maximum capacity

WATER MANAGEMENT SOLUTIONS

Authorized Distributor for Grundfos, Denmark — World's Leading Pump Manufacturer. Trusted by engineers and building managers globally for precision, reliability, and energy efficiency. Cosmic India is the authorized distributor for Grundfos domestic and commercial water management systems in the region.

Grundfos Single Booster Pump



Consistent Pressure, Every Tap, Every Floor.

Deliver consistent, reliable water pressure throughout multi-storey buildings and large properties. The CM Booster series features stainless steel hydraulic components for long-term durability and corrosion resistance.

Ideal for homes, villas, and small commercial buildings where municipal water pressure is insufficient or inconsistent.

SPECIFICATIONS

System: Single pump pressure booster

Construction: Stainless steel hydraulics

Application: Homes, villas, small buildings

Control: Integrated pressure management

Brand: Grundfos (Denmark) · **Sizing:** Project-based

Grundfos Twin Booster Pump



Redundancy Built In. Pressure Never Drops.

Twin pump pressure systems provide higher demand capacity and built-in redundancy — if one unit requires maintenance, the other ensures uninterrupted supply. Ideal for apartment complexes, commercial buildings, and any application where water pressure continuity is critical.

The twin configuration also allows staged operation — one pump handles normal demand while both activate during peak usage — maximising energy efficiency while ensuring consistent pressure at all times.

SPECIFICATIONS

System: Twin pump pressure booster

Construction: Stainless steel hydraulics

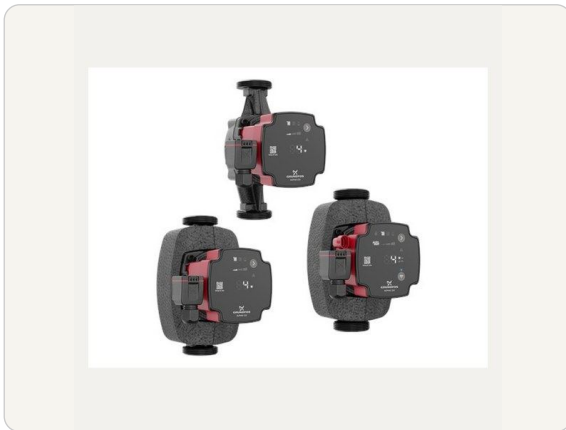
Application: Apartments, commercial buildings

Control: Intelligent pressure management

Redundancy: Automatic pump alternation

Brand: Grundfos (Denmark)

Grundfos Hot Water Recirculation Pump



Instant Hot Water. Zero Wait Time.

Eliminate the frustrating wait for hot water at the tap. Recirculation pumps keep hot water continuously circulating through the system, ensuring instant hot water delivery at every outlet — saving both time and water.

Ideal for hotels, hospitals, large residential buildings, and any facility where hot water must be instantly available at multiple points.

SPECIFICATIONS

Function: Hot water recirculation

Application: Hotels, hospitals, buildings

Benefit: Instant hot water at every tap

Motor: Energy-efficient, low noise

Construction: Stainless steel wetted parts

Brand: Grundfos (Denmark)

Grundfos Water Lifting Pump



Reliable Transfer from Source to Storage.

Engineered for reliable water transfer from underground tanks, sumps, and reservoirs to overhead storage. Ideal for buildings with low municipal pressure or those relying on stored water.

The Grundfos lifting pump range covers a wide variety of applications — from domestic borewell and sump lifting to large-scale industrial water transfer.

SPECIFICATIONS

Function: Water lifting & transfer

Application: Buildings, farmhouses, industry

Source: Underground tanks, borewells, sumps

Motor: Energy-efficient

Construction: Corrosion-resistant

Brand: Grundfos (Denmark)

Grundfos Sump Pump



Protect Your Property from Flooding.

Protect basements, car parks, and low-lying areas from flooding and water accumulation. Grundfos sump pumps provide automatic, reliable drainage with minimal maintenance requirements.

Designed for continuous or intermittent operation, the sump pump activates automatically when water reaches a preset level and deactivates once the area is clear — providing hands-free protection against water damage.

SPECIFICATIONS

- Function:** Sump drainage & flood protection
- Application:** Basements, car parks, utilities
- Operation:** Automatic float-switch activation
- Construction:** Corrosion-resistant body
- Maintenance:** Minimal · **Brand:** Grundfos (Denmark)

Grundfos Advantage: All Grundfos pumps feature energy-efficient motors, stainless steel wetted components, and intelligent pressure management — reducing both energy consumption and maintenance costs over the product's lifetime.

Neropure SS Insulated Water Tanks



Purity, Strength, and Temperature Retention.

Neropure stainless steel insulated tanks are engineered for safe, hygienic, and temperature-controlled water storage. Constructed from food-grade stainless steel with high-performance insulation, these tanks are ideal for cold water storage in residential complexes, hotels, hospitals, and industrial facilities.

The food-grade SS construction ensures water remains pure and free from contamination, while the high-performance insulation maintains water temperature and prevents condensation on the tank exterior.

CAPACITY	CONSTRUCTION	IDEAL FOR
1000 L	Food-grade SS	Residences
1500 L	High insulation	Hotels & hospitals
2000 L	Hygienic design	Schools & hostels
3000 L	Corrosion resistant	Industrial storage

Water Softener Systems



Protect Your Plumbing, Appliances, and Investment.

Hard water is one of the most common and damaging problems in Indian homes and commercial buildings. It causes scale buildup in pipes, geysers, and appliances — reducing efficiency and shortening their lifespan.

Cosmic India's water softener systems effectively remove water hardness, protecting your entire plumbing infrastructure. Particularly recommended for all Solahart indirect system installations in hard water areas, where water softening dramatically extends system life and maintains heat exchanger efficiency.

SPECIFICATIONS

Capacity Range: 3000 to 5000 LPH

Removes: Calcium and magnesium hardness

Application: Residential and commercial

Result: Softer water, less scale, better lather

Benefit: Extends life of solar systems, geysers, and all water-using appliances

Recommended: For all hard water installations

APPLICATIONS & SECTORS WE SERVE

Residences & Villas

Solar systems, heat pumps, water softeners for individual homes and luxury villas.

Hotels & Resorts

Commercial heat pumps and centralized solar systems for 24/7 hot water supply.

Hospitals & Clinics

Reliable, uninterrupted hot water for medical facilities with strict hygiene requirements.

Schools & Hostels

Cost-effective solar and heat pump solutions for educational institutions.

Industrial & Factories

High-capacity systems for process heating and worker facility hot water needs.

Builders & Developers

Bulk supply and project-based solutions for residential and commercial developments.

COMPLETE PRODUCT RANGE AT A GLANCE

PRODUCT	CAPACITY	BEST FOR	KEY BENEFIT
Solahart Sunheat 150L	150L	Homes (non-hard water)	Up to 85% energy saving
Solahart 181J Indirect	180L	Homes, hard water	Up to 65% energy saving
Solahart 302J Indirect	300L	Large homes, villas	Up to 65% energy saving
Solahart MDV 410L Split	410L	Premium villas	Up to 75% energy saving
Atmos Eco 180L Heat Pump	180L	Apartments, homes	Up to 73.9% energy saving
Atmos Eco 280L Heat Pump	280L	Large households	COP 5.2 — best in class
Commercial Heat Pumps	10–500 kW	Hotels, hospitals, industry	Centralized, low cost
Grundfos Booster Pumps	Project-based	Buildings, apartments	Consistent pressure
Grundfos Recirculation Pump	Project-based	Hotels, hospitals	Instant hot water
Neropure SS Tanks	1000–3000L	All sectors	Food-grade, insulated
Water Softener Systems	3000–5000 LPH	Hard water areas	Protects all systems

Cosmic India

EMPOWERING FUTURE WITH SOLAR ENERGY

Delivering Sustainable Hot Water Solutions

for a Better Tomorrow

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