



CATALOGUE

New Age Heating & Building Solutions

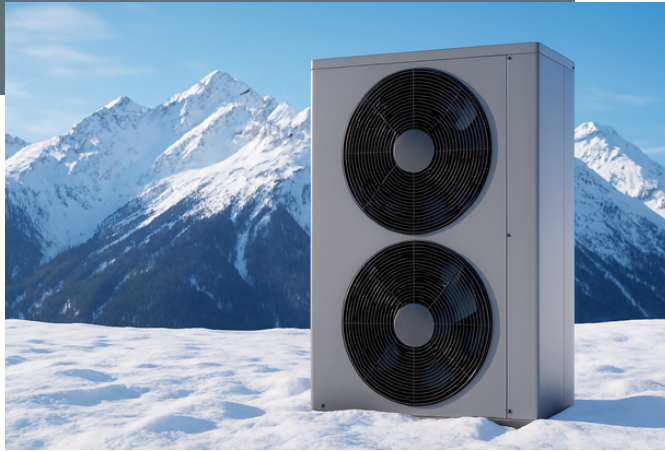
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HEAT PUMPS

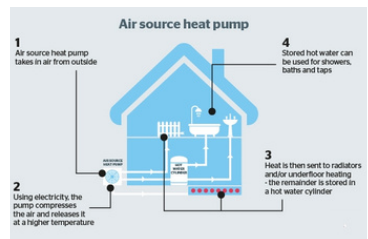
Welcome to our world of next-gen heating solutions

At QuickHomes BuildTech Pvt. Ltd., we're redefining **energy efficiency** in India's construction landscape. As a trusted dealer of advanced heat pump technology, we integrate smart heating solutions into modern infrastructure; delivering **sustainable** comfort, **lower energy** costs, and future-ready buildings.

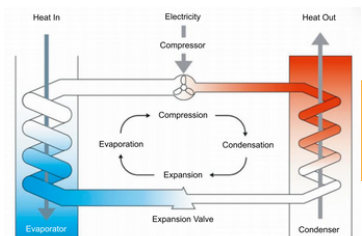


How does a heat pump work?

The Air Source Heat Pump extracts heat energy from outdoor air—even in cold conditions—and transfers it indoors to provide heating, hot water, or cooling. It uses a refrigerant with a low boiling point that absorbs heat as it passes through coils in the outdoor unit. This refrigerant is compressed to raise its temperature, then circulated indoors to release heat through radiators, underfloor heating, or air handlers. After releasing heat, the refrigerant cools, condenses, and returns to repeat the cycle.



A heat pump also has the ability to heat as well as cool a space. This is made possible by a component called the reversing valve which directs the refrigerant flow so that the outdoor coil acts as the evaporator (absorbing heat) and the indoor coil acts as the condenser (releasing heat). However, for cooling it switches the flow, so the indoor coil becomes the evaporator (absorbing heat from the house) and the outdoor coil becomes the condenser (releasing heat outside).



Why Choose Heat Pumps?



Save Energy, Save Money

Heat pumps use electricity to transfer heat instead of generating it, thus **saving up to 75% electricity** compared to traditional electric heaters.



Comfort All Year Round

Enjoy cozy warmth in winter and refreshing cool air in summer with **one smart, versatile solution**. Just one heat pump can achieve cooling, heating & hot water!



Eco-Friendly Heating

Reduce your carbon footprint with a system that supports **sustainable living** and lowers reliance on fossil fuels.



Decades of Zero Hassle

Built to last with **minimal upkeep**, our heat pumps typically deliver a reliable **service life of 20–25 years**, ensuring long-term comfort and peace of mind.



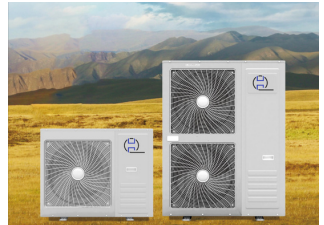
Peaceful Living, Silent Performance

Engineered for **quiet living**, our heat pumps run with whisper-quiet efficiency. **No hums, no disruptions** – just powerful comfort that blends seamlessly into your home.

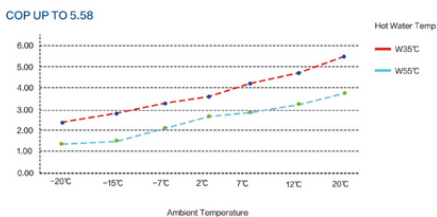
R32 Air to Water Heat Pump

With EVI Technology

Our low-temperature heat pumps are equipped with EVI (Enhanced Vapor Injection), delivering reliable performance even in extreme cold—down to -35°C . By combining EVI with advanced inverter compressor technology, the system ensures stable operation, higher efficiency, and consistent comfort in all conditions.



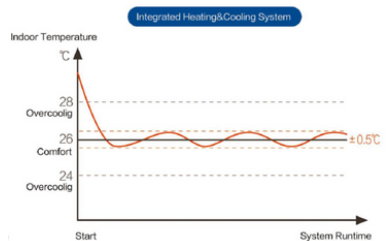
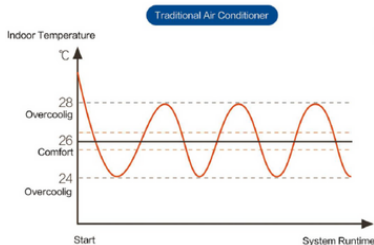
Smarter Performance at Every Temperature



Our heat pumps deliver outstanding efficiency, with a COP of up to 5.58. The graph shows how performance improves as ambient temperature rises, with lower water temperatures (W35°C) achieving the highest efficiency. Even at colder conditions, the system maintains strong output, ensuring reliable comfort while reducing energy consumption.

Balanced Temperatures; Unmatched Comfort

The system keeps indoor temperatures evenly balanced, eliminating hot and cold spots. With minimal fluctuations, every room stays consistently comfortable—delivering gentle cooling in summer and cozy warmth in winter.



Commercial Heat Pump

High-performance commercial heat pumps designed for efficiency and reliability



Commercial-Grade Durability

Built tough for long-term operation in demanding commercial settings.



Wide Temperature Tolerance

Operates efficiently across extreme climates, from sub-zero cold to peak summer heat.



Rapid Warm-Up

Instant heating response for immediate comfort and operational readiness.



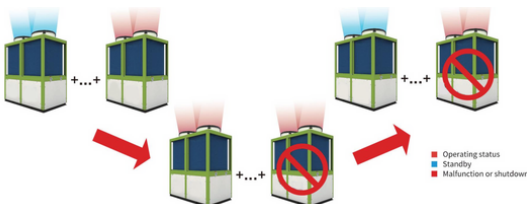
High Thermal Efficiency

Optimized for energy savings and reduced running costs—without compromising output.



Smart Frequency Conversion

Advanced inverter technology ensures stable performance and intelligent power management.

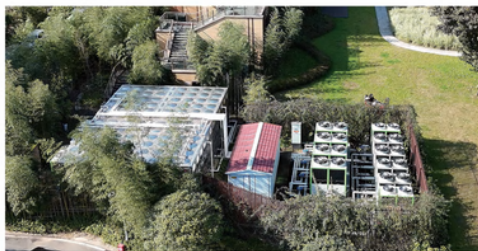


Intelligent Heat Station Management System

The multi unit operation control system intelligently allocates the operation time of units based on system load conditions, balancing operation & defrosting time of multiple units through smart regulation.

APPLICATIONS OF COMMERCIAL HEAT PUMPS

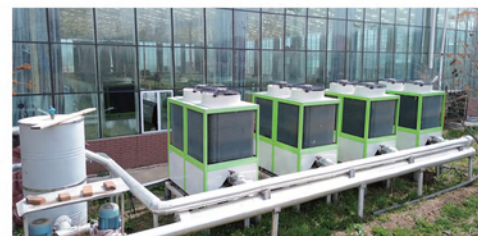
Resort Hot Spring Water + Hotel Hot Water



Centralized Heating Project



Heating for Agriculture Planting





Powering **Comfort**,
Sustaining the Future

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