



— Heat Pump

**Efficient, Eco-Friendly
Heating Solutions with
Advanced
Orange Heat
Pumps.**



— ABOUT HEAT PUMP

Air source heat pumps use a natural source of heat air to produce energy. They absorb warmth from the outside air and convert it into heat.

This heat pump works on the principle of Vapour Compression Refrigeration, an air sourced heat pump uses a refrigerant system involving a compressor and a condenser to absorb heat at one place and release it at another place.

If you would like to have an even lower impact on the environment and lower running costs, you should think about combining your air source heat pump with a solar panel system to generate the electricity for the heat pump to run.

An air sourced heat pump can provide fairly low space heating. A high efficiency heat pump can provide up to four times as much as an electric heater using the same energy.

With the combination of a solar water heater, we can achieve a maximum temperature up to 60 degrees at a very low cost of electricity.

Advantages of heat Pump:

- 24/7 Hot water
- Low carbon emission
- It consumes less energy for heating the

Domestic Heat Pump



Available Capacities

3.8kw

5.3kw

8kw

11.5kw

19.5kw

KEY POINTS

- **Intelligent Controller :** The temperature and the time when hot water is required can be easily set.
- **Isolated Safe Condenser :** Designed according to European standards to ensure safety and superior conduction of heat.
- **High Efficiency Compressor :** This heat pump ensures faster heat exchange, more hot water and increased savings.

SAILENT FEATURES

- The enamel glass lined-coated tank helps in corrosion resistance and trouble-free performance.
- Orange Domestic Heat Pump uses an environment-friendly R410A refrigerant.
- The glass-lined storage tank of the Orange Solar Domestic Heat Pump is suitable for all kinds of water.
- Orange Domestic Heat Pump comes with a 1-year warranty for the tank and compressor and a 1-year warranty for the heat pump.
- The Orange Domestic Heat Pump has a silent operation; therefore, you won't be disturbed by the rumbling noise.
- Easy to install and assures hassle-free services.
- The low-maintenance feature helps you save money and time.
- Automatic defrost assures that maintenance and cleaning intervals do not come too often.
- **Condition: NOTE** * Heating Capacity at Air 20°C/15°C, Water Temperature from 15°C to 55°C.

Industrial Heat Pump



These Air Sourced Heat Pump's uses natural source of heat air to produce energy. They absorb warmth from the outside air and convert it into heat. This Heat Pump works on the principle of vapour compression refrigeration, an Air Sourced heat pump uses a refrigerant system involving a compressor and condenser to absorb heat at one place and release it at another place.

For industrial environments like hospitals, hostels, hotels, etc., easy access to hot water is mandatory. This series is both energy-efficient and innovative. An Air Source Heat Pump from ORANGE is the go-to solution for readily available hot water. Our heat pumps work even when the outside temperature is way less than zero degrees Celsius. They are energy efficient and save on fuel cost as the heat is absorbed from the atmosphere.

An Air Sourced heat pump can provide fairly low space heating. A high efficiency heat pump can provide up to 4 times as much as an electric heater using the same energy.

Like every other product from Orange heat pump, the smallest detail has been looked at to make sure that only the best product reaches our valuable customer.

Orange Air source heat pumps are usually said to be "fit and forget" units. If you have bought an Orange heat pump, rest assured, you have bought arguably the best product in its category with best-in-class features in safety, efficiency, power saving, and environmental protection.

This integrated system is designed specifically for industrial use. If maximizing performance plus energy savings is what you are looking for in your Water Heater, then you are in the right place!



Fact File - Which makes us the best

- Sun Zone has been in the market from past 27 years developing excellent products in Solar Water Heater and Solar Lighting System (Solar Photovoltaic) Heat Pump and in other renewable energy making us more competent and has facilitated our growth even in this phase of tough competition.
- Our solar products are the culmination of excellent engineering, use of advanced technology with high quality materials manufactured at state-of-art infrastructure, providing our customer with high degree of satisfaction for products and services.
- We come up with customized solutions and to provide efficient solar product and services. We understand your requirements, identify appropriate products and do the complete installation, as per the customers need.
- Our solar products have highly efficient electrical components and system, we observe competent methods of integration during installation. This increases the system efficiency resulting in better energy savings.
- Our efficient team of highly skilled manpower ensures timely installation and servicing of solar system adhering to the procedures of international standards.
- We provide longer warranty period for products. Our warranty period of one year gets extended to four more years on performance warranty against AMC.
- We have all major renewable energy products available under one roof. This facility helps our customer to choose and select the product according to their convenience.
- We are an ISO 9001-2008 certified company.
- We are certified by ISI (Bureau of Indian Standards) for Quality.
- We are MNRE (Ministry of New and Renewable Energy) approved company.
- We are GEM registered company.
- We manufacture our products under the National initiative of "Made in India".



SCAN FOR
**OUR
PROJECTS**



"The only infinite power source that was free to use all day & every day it is solar power."



AN ISO 9001-2008 COMPANY

BROUGHT TO YOU BY

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