inventor
Your-conditions

Air to Water Heat Pumps and Domestic Hot Water Production Systems

Up to 80% savings when compared to conventional ways of heating

WARRANTY 2 YEARS

DC INVERTER

Air to Water Heat Pumps

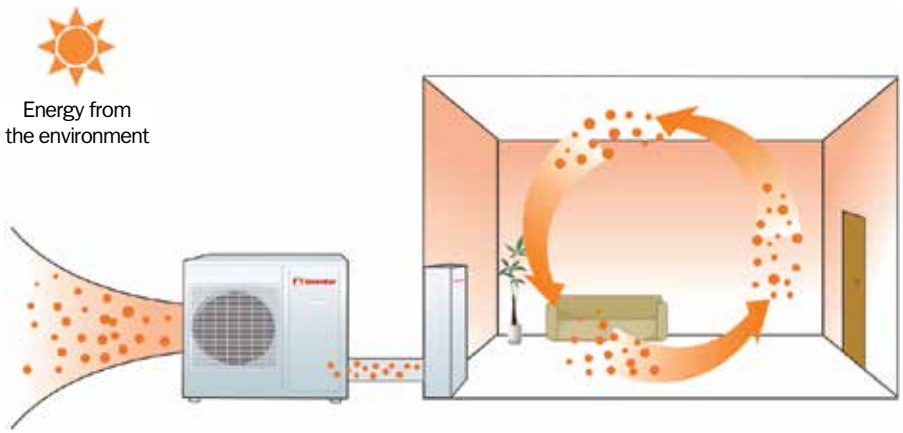
2014-2015

Air to Water Heat Pumps

2014-2015

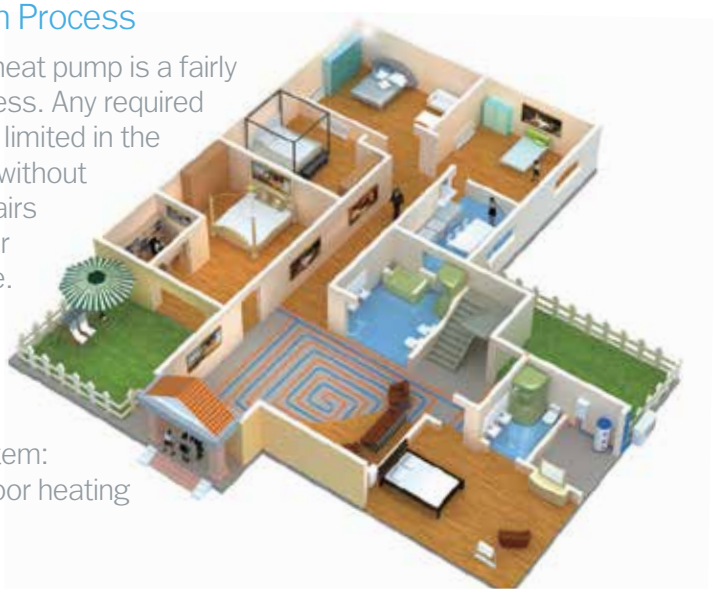
Draw Energy from the Environment

Heat pumps capture 3/4 of its energy from the environment, leaving only a small amount to be supplied by electricity. This is why the COP (coefficient of performance) rating is approximately 4. Heat pumps absorbs energy from the environment through heat exchangers, the compressor increases the refrigerant temperature, this expansion makes it extremely hot where it is then directed into your house for either heating or hot water.



Installation Process

Installing a heat pump is a fairly simple process. Any required work can be limited in the boiler room without causing repairs in the interior of the house. They are connected to your existing heating system: radiators, floor heating or fan coil.



10 Reasons Why to Choose Heat Pumps

1. They offer ideal indoor conditions.
2. Connects to the existing hydraulic heating system (radiators) and they can easily and quickly replace the conventional boiler without any modifications to the residence's interior.
3. Has the lowest maintenance costs out of all the heating systems on the market.
4. Return on investment is seen immediately to the dramatic reduction in heating costs.
5. Operation costs are not prepaid like they are with conventional heating systems.
6. Operates at optimal performance, even during extreme weather conditions.
7. Provides hot water usage 365 days a year at a very low cost price.
8. Provides autonomy throughout your house.
9. Environmentally friendly and classified as renewable energy.
10. Offers the safest way of heating and doesn't require any specific safety measures.

Era Therm: High Temperature Heat Pumps 65°C

- Heat Pumps provide hot water up to 65°C, Ideal for connecting to the existing radiators and replace the old boiler .
- The high water temperature makes it suitable for connecting to existing radiators without requiring any modifications inside the residence.
- Connects to the existing boiler for hot water, both residential or commercial properties.
- Ability to connect to a central control system.
- Fixed comfortable atmosphere inside even when the outside temperatures drop to -15°C
- Completely environmentally friendly refrigerant R407C
- Low noise level

MODEL	HPHT-14.3	HPHT-14.1	HPHT-20.7
Heating capacity (kW) Fan Coil	14.3	14.1	20.7
Heating capacity (kW) Radiators	13.0	13.2	20.1
Voltage/Frequency/Phase (V/Hz/Ph)	230/50/1	380/50/3	380/50/3

Vario: Heat Pumps and Domestic Hot Water Systems

MODEL	DHW-CQ8.0Pd/Na-K	DHW-CQ10Pd/Na-K	DHW-CQ12Pd/Na-K	DHW-CQ12Pd/Na-M	DHW-CQ16Pd/Na-M
Heating Capacity floor heating (kW)	8.5	10.0	12.0	12.0	15.0
Cooling capacity floor heating (kW)	9.0	10.5	14.0	14.0	15.5
EER/COP (floor heating)	3.60/4.00	3.35/4.00	3.80/4.30	3.80/4.50	3.50/4.0
Cooling capacity fan coil or radiators (kW)	8.0	9.0	11.5	11.0	14.0
Cooling capacity FCU (kW)	6.5	8.0	10.0	10.0	11.0
EER/COP FCU or radiators	2.60/3.00	2.60/3.10	2.90/3.40	2.90/3.40	2.70/3.20
Voltage/Frequency/Phase (V/Hz/Ph)	230/50/1	230/50/1	230/50/1	380/50/3	380/50/3

Air to Water Heat Pumps

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Choose Economical Heating!

Choose High Temperature Heat Pumps 65°C

Era Therm

- Replace your conventional boiler and save up to 60% on your yearly heating expenses.
- Hot water even in extreme outdoor conditions of -15°C
- Domestic hot water available all year round.
- Return on your investment in less than 3 years.

Attaches to existing radiators without making any modification to the home's interior