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AIR SOURCE HEAT PUMP MAINTENANCE

Air Source Heat Pumps are a renewable energy technology that extracts heat from the outside air and transfers it inside a building for heating purposes.

The heat pump absorbs heat from outdoor air and increases its temperature using a refrigerant cycle. This heat is then transferred to the indoor space via a distribution system.

ASHP's are efficient heating solutions that can significantly reduce energy consumption and greenhouse gas emissions.

What is included in our Air Source Heat Pump Maintenance?

During an air source heat pump maintenance, the following tasks will be completed:

- Direct and indirect refrigerant leak checking to comply with current F-Gas regulations (please refer to the F-Gas Management brochure for further information regarding F-Gas).
- Checking of the condition and operations of the heat pump.
- Checking and recording heating and hot water flow rates and temperatures.
- Checking the anti freeze concentration.
- Checking the water pressure and top up if required.
- Bleeding the valves of any trapped air in the system.
- Checking the condition of all mechanical and electrical connections.
- Cleaning all the filters, strainers and casings of units.
- Checking the operation of the immersion heater.
- Checking the condition of pipe insulation and cabling.
- Checking the operation of pressure relief valves.

How often should you service your Air Source Heat Pump?

Air source heat pump maintenance frequencies vary depending on the application and may only be required on an annual basis.

Manufacturers tend to recommend that the equipment is maintained every 6 months but must be completed annually to comply with F-Gas regulations and uphold any warranty the equipment may have.