**ASHP Service**

Our service visit ensures your system runs efficiently, safely, and reliably.

## ■ Heat Pump Checks

* Full visual inspection of the outdoor and indoor unit(s)
* Cleaning of heat pump filters, strainers, and condensate drains
* Check and record system pressures, flow rates, and temperatures
* Check refrigerant circuit for signs of leaks or abnormal noise/vibration
* Test electrical connections, controls, and safety devices
* Inspect insulation, pipework, and weather protection
* Check antifreeze protection (glycol level or valves, as applicable)

## ■ System Performance

* Confirm correct operation of heating and hot water modes
* Optimisation of controller settings for efficiency and comfort
* Record running information (flow/return temperatures, pressures, COP where possible)
* Customer handover with service record and recommendations

## ■ G3 Unvented Hot Water Cylinder Checks (if applicable)

* Visual inspection of cylinder, pipework, and insulation
* Test operation of temperature & pressure relief valve (T&PRV;)
* Test operation of expansion relief valve and expansion vessel charge
* Check safety discharge pipework for correct termination and condition
* Check cylinder thermostat and re-set if required
* Inspect immersion heater(s) and wiring connections
* Verify annual discharge test and record results

**ASHP Service**

The service will include the following: (this is not an exhaustive list):

Electrical switches and wiring condition check

Fan condition (clean as necessary)

Visual inspection of refrigerant pipework for leaks

Outdoor unit clear of obstructions, outdoor unit clean

Hydraulic circuit condition (leaks / damage / insulation)

Evaporator condition

Current filter condition

DHW Cylinder model, location, capacity, label

DHW expansion vessel pressure bar, DHW cylinder expansion vessel

Clean filters and strainers

Current strainer condition / clean strainer

Glycol level measurement

Legionella cycle check

User controls for CH and DHW check

Heating expansion vessel pressure, label

Voltage whilst working at full capability

Amps working at full capacity

Condensate collector and termination

System flow rate when working at full capacity

System serviced in accordance with manufacturers instructions

Additional comments / recommendations from engineers visit