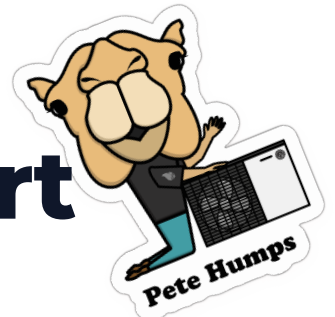


Your Survey Report



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#nopanacea

A WORD FROM OUR CHIEF GEEK

We believe heat pumps are the future  of home heating, we see it as a journey guided by knowledge , grounded in skill , and driven by our guarantee . We design for performance  to create comfortable homes and reduce carbon emissions.

— Adam Chapman, Chief Geek

About your Heat Geek



A NOTE FROM YOUR HEAT GEEK

At F [redacted] we are a family business focused on delivering Heating and hot water solutions that perform in the most effective and efficient way. We offer a friendly service to build solid relationships with our customers who trust us to guide them and our customer feedback reflects this. We network with fellow passionate engineers and pesuse our own professional development to ensure that we stay up to date with the technological changes within our industry.

Current Heating System



Your existing heating system provides a baseline for comparison. The heat pump upgrade will deliver improved efficiency, lower running costs, and reduced carbon emissions.

Your Current System

FUEL SOURCE

Mains Gas

EFFICIENCY & AGE

85%

15 years old

HOT WATER PROVISION

Cylinder

Water System Assessment



During our survey visit, we assessed your incoming water supply. Here are the details.

STATIC PRESSURE

3.3 bar

DYNAMIC PRESSURE

2.8 bar

FLOW RATE

21.0 L/min

WATER HARDNESS

270.0

SYSTEM TYPE

Sealed System

OUTLETS

1 baths, 0 shower(s)

Heat Loss Report



Our Heat Geek certified installer has carried out a detailed room-by-room heat loss assessment using EN 12831 methodology. This ensures your heat pump is correctly sized and each room will be comfortable on the coldest days.

HEAT LOSS 6.5kW	FLOOR AREA 100.62m²
WATTS/M ² 64.6	VENTILATION LOSSES 2.81kW

Annual energy requirements This is how much heat energy your home needs per year.	
Total:	15908 kWh
Space heating:	13616 kWh
Hot water:	2292 kWh

Room-by-Room Heat Loss Assessment

 Room image not available	Old Hall 112W Heat Loss <i>Ventilation 77W · Floor 34W</i> Floor area: 2m ² · Volume: 5m ³ · Demand: 51W/m ²
 Room image not available	Kitchen 886W Heat Loss <i>Ventilation 393W · Walls 167W · Windows 79W · Doors 70W · Floor 174W</i> Floor area: 10m ² · Volume: 25m ³ · Demand: 81W/m ²
 Room image not available	New Hall 411W Heat Loss <i>Ventilation 133W · Walls 39W · Doors 190W · Floor 24W · Ceiling 21W · High Room Additional Loss 1W</i> Floor area: 4m ² · Volume: 11m ³ · Demand: 95W/m ²



Room image not available

Landing 423W Heat Loss

Ventilation 254W · Walls 85W · Windows 51W · Ceiling 32W

Floor area: 7m² · Volume: 16m³ · Demand: 60W/m²



Room image not available

Master Bed 761W Heat Loss

Ventilation 255W · Walls 250W · Windows 196W · Ceiling 59W

Floor area: 14m² · Volume: 33m³ · Demand: 53W/m²

Existing radiator: Type 21, 1400 x 600mm, 1846W ΔT50

Existing radiator: Type 21, 1400 x 600mm, 1846W ΔT50



Room image not available

Middle Bed 378W Heat Loss

Ventilation 174W · Walls 55W · Windows 106W · Ceiling 41W

Floor area: 9m² · Volume: 22m³ · Demand: 38W/m²

Existing radiator: Type 11, 1600 x 600mm, 1503W ΔT50



Room image not available

Rear Bed 442W Heat Loss

Ventilation 157W · Walls 143W · Windows 104W · Ceiling 36W

Floor area: 8m² · Volume: 20m³ · Demand: 50W/m²

Existing radiator: Type 11, 1200 x 600mm, 1127W ΔT50



Room image not available

Bathroom 397W Heat Loss

Ventilation 217W · Walls 110W · Windows 53W · Ceiling 16W

Floor area: 4m² · Volume: 9m³ · Demand: 98W/m²

Existing radiator: Custom, 400 x 1500mm, 710W ΔT50



Room image not available

New Utility 492W Heat Loss

Ventilation 208W · Walls 87W · Windows 42W · Doors 81W · Floor 39W · Ceiling 31W · High Room Additional Loss 1W

Floor area: 6m² · Volume: 18m³ · Demand: 73W/m²



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WC 99W Heat Loss

Ventilation 76W · Floor 22W

Floor area: 1m² · Volume: 3m³ · Demand: 70W/m²



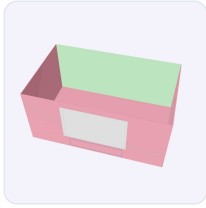
Dining 970W Heat Loss

Ventilation 438W · Walls 93W · Windows 108W · Doors 78W · Floor 250W · High Room Additional Loss 1W

Floor area: 15m² · Volume: 38m³ · Demand: 62W/m²

Existing radiator: Type 22, 600 x 600mm, 1029W ΔT50

Existing radiator: Type 22, 1100 x 600mm, 1886W ΔT50



Lounge 1126W Heat Loss

Ventilation 425W · Walls 282W · Windows 164W · Floor 254W

Floor area: 15m² · Volume: 36m³ · Demand: 71W/m²

Existing radiator: Type 22, 1600 x 400mm, 1829W ΔT50

What these numbers mean

These figures show how much heat each room loses on a cold winter's day at the design temperature of -2.3°C and a target room temperature of 21°C.

These results are based on the room dimensions, construction materials, window areas, and ventilation assumptions taken during the survey. It's a snapshot of the building's heat demand. It helps you understand which rooms lose the most heat and where insulation or upgrades would make the biggest difference.

If insulation is improved in the future - loft, glazing, floors, or draught proofing - these losses reduce. Lower heat loss means lower running costs and better performance from any heating system.

What's Next?



By logging in to upgrades.heatgeek.com you will be able to explore not just one, but dozens of different proposed solutions for your homes based on the survey details above and your own specific wants and needs. Surf all the different options for your home to see how they fit and feel free to speak to your Heat Geek or contact us for any questions.

Every single one of these proposals comes with the following guarantees.

EFFICIENCY GUARANTEE

INDUSTRY LEADING

The Industry Leading Heat Geek Performance Guarantee assures your installation (incl. heating and hot water!) will meet the efficiency stated in your system proposal at minimum. The installation will be remotely monitored and if it comes short of this efficiency, or unable to get your home up to temperature on the coldest days of the year, we will upgrade your system as necessary completely free of charge.

INSTALLATION GUARANTEE

The Heat Geek Installation Guarantee ensures your project is completed exactly as promised, no matter what.

In the rare event your installer becomes unavailable due to unexpected circumstances (such as illness or personal emergencies), we will seamlessly assign another fully vetted and equally qualified Heat Geek to step in and complete the work to the same high standards—protecting your installation continuity and maintaining our performance guarantee.

WORKMANSHIP WARRANTY

Comprehensive workmanship warranty covering all installation work and system components.

PARTS WARRANTY

All manufacturer warranties on heat pump, cylinder, and system components. Typical coverage:

- Heat pump: 5-7 years
- Cylinder: 2-5 years
- Controls: 2 years

Regulation & Standards Overview



Designed and commissioned in line with MCS MIS 3005
Heat loss method aligned to EN 12831 assumptions
Sound assessment referenced to MCS 020 for permitted development checks
Building Regulations compliance (Part L energy efficiency, Part G hot water, Part F ventilation as applicable)

Contact Us

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