

Public Sector Capability Statement · 2026

UK Public Sector Heat Pump Capability Statement

Delivering compliant, low-carbon heating solutions for UK healthcare, education and government estates.

R290 Natural Refrigerants

PSDS & SHDF Ready

20 kW – 2.6 MW

F-Gas · DSEAR · C&G 6187-316

PREPARED BY

ICG Heat Pumps
Suite 8, 35 Bancroft
Hitchin, Herts, SG5 1LA

CONTACT

enquiries@icgheatpumps.co.uk
01462 435700
www.icgheatpumps.co.uk

EXECUTIVE SUMMARY

Specialist engineering for the UK's low-carbon transition

Public sector decarbonisation is not merely a technical challenge; it is a programme of work that carries significant operational, financial, and regulatory risk. When a hospital trust, local authority, or university commits to replacing fossil fuel heating with commercial air source heat pumps, the equipment must perform reliably, comply with strict funding criteria, and integrate seamlessly into legacy infrastructure.

ICG Heat Pumps is an independent specialist engineering partner supplying advanced, inverter-driven commercial heat pump systems. By championing a "Natural Refrigerant First" approach and backing our equipment with our Intelligent Comfort Guarantee, we de-risk the transition to low-carbon heating for the UK public sector.

CORE CAPABILITIES

Engineered for high-demand public sector estates

We supply and support high-performance commercial heating and cooling equipment through our authorised partnerships with global HVAC leaders: **Midea**, **Euroklimat** and **Clivet**.



High-Temperature Commercial Retrofits

R290 (propane) heat pumps delivering flow temperatures up to 85°C — decarbonise without the cost and disruption of upgrading existing radiators or pipework.



High-Demand Domestic Hot Water

Cascade systems engineered for heavy, continuous commercial hot water loads while strictly maintaining Legionella compliance.



Simultaneous Heating & Cooling

Polyvalent (4-pipe) systems for mixed-use public facilities — maximising energy recovery and operational efficiency.



Scalable Capacity · 20kW–2.6MW

Inverter-driven solutions for everything from primary schools and community facilities to multi-megawatt hospital campuses.

PUBLIC SECTOR FUNDING & COMPLIANCE

Grant-ready evidence, from specification to commissioning

Securing and retaining public funding is critical. ICG Heat Pumps provides the robust technical evidence trail required by modern procurement frameworks.

Grant-Ready Documentation

We support consultants and estates teams navigating the **Public Sector Decarbonisation Scheme (PSDS)** and the **Social Housing Decarbonisation Fund (SHDF)**. We provide accurate Part L compliance data, seasonal coefficient of performance (SCOP) calculations and hydraulic schematics to ensure funding criteria are met.

Manufacturer-Neutral Selection

Because we are an independent engineering partner representing multiple top-tier manufacturers, we specify the exact system your estate needs based on load, flow temperature and budget — not sales quotas.

UNCOMPROMISING SAFETY & ACCREDITATIONS

Fully certified for natural refrigerant systems on UK public sites

Designing and installing systems with natural refrigerants requires rigorous adherence to UK safety standards. We hold the highest levels of certification to ensure our public sector clients are fully protected.

F-GAS CERTIFIED

UK F-Gas Regulations

Fully compliant with all UK fluorinated greenhouse gas regulations.

CITY & GUILDS 6187-316

Hydrocarbon RAC Systems

Advanced qualifications in the safe specification and handling of R290 refrigerants.

HSE DSEAR TRAINED

Explosive Atmospheres

Trained in Dangerous Substances and Explosive Atmospheres Regulations for safe design and installation on public sites.

THE INTELLIGENT COMFORT GUARANTEE

Public sector sites cannot afford extended downtime.

Every system we supply is backed by our Intelligent Comfort Guarantee — designed to eliminate operational risk for M&E contractors and estates managers.

10

DAY COMMISSIONING

Engineers on-site to fully commission the system within 10 working days of request, keeping complex construction programmes on schedule.

72

HOUR ON-SITE RESPONSE

If a critical technical issue arises, an ICG engineer will be on-site within 72 hours to support your maintenance teams and resolve the fault.

1:1

DIRECT ENGINEERING ACCESS

You deal directly with the engineers who designed the system — not a generic call centre.

PROVEN ON THE UK'S MOST DEMANDING ESTATES

Trusted by public sector specifiers

Our inverter-driven heat pumps are specified, installed and commissioned on highly scrutinised projects across UK healthcare, higher education and local government estates.

SELECTED PUBLIC SECTOR CLIENTS

Cambridge University

HIGHER EDUCATION

Hackney Council

LOCAL GOVERNMENT

DISCUSS YOUR NEXT DECARBONISATION PROJECT

Ensure your next public sector heating upgrade is compliant, future-proof and delivered on time.

Partner with the UK's commercial heat pump specialists. We work alongside M&E contractors, building services consultants and estates managers from specification through to commissioning.

EMAIL

enquiries@icgheatpumps.co.uk

PHONE

01462 435700

WEBSITE

www.icgheatpumps.co.uk

ADDRESS

Suite 8, 35 Bancroft, Hitchin, Herts, SG5 1LA

© 2026 ICG Heat Pumps · Document updated April 2026 · Version 1.0