

F-gas Regulation compliance check

Make sure your equipment is in line with the EU regulation



Reduce the environmental impact of your equipment

Since your HVAC-R equipment contains fluorinated greenhouse gases (F-gases) such as hydrofluorocarbons (HFCs), you must comply with a series of requirements adopted in the European Union to ensure emission prevention and containment; and hence reduce the environmental impact of refrigerants.

F-gas Regulation (EU) No 517/2014

- › Puts in place mandatory measures to reduce F-gas emissions in the EU.
- › One of these measures is the prevention of emissions of F-gases by conducting periodical checks, proper servicing and recovery of these gases at the end of the equipment's life.

AHUs

CHILLERS

PROJECTS

SERVICE

Keep your equipment running efficiently by avoiding potential leaks

Why conduct F-gas leak checks?

HVAC-R equipment that contains fluorinated greenhouse gases in quantities of 5 tonnes of CO₂ equivalent or more must be checked for F-gas leakage by certified personnel only.

During these checks, precautionary measures are taken to prevent leakages.

In case a leak is detected, it is repaired without undue delay.

How often to conduct leak checks?

The frequency of your equipment's leak inspections depends on its F-gas charge size measured in CO₂ equivalents as shown in the table.

The installation of a leakage detection system is mandatory for equipment that contains 500 t CO₂ or more. The proper functioning of the system should be checked at least once every 12 months.

If the equipment has a leakage detection system, the required frequency of leak checks is reduced by half.

Leak checks frequency	Tonnes of CO ₂ equivalent	Refrigerant			
		R410A (Kg)	R407C (Kg)	R134a (Kg)	R32 (Kg)
12 months	5 ≤ t CO ₂ e < 50	2.4 – 24	2.8 – 28	3.5 – 35	7.4 – 74
6 months	50 ≤ t CO ₂ e < 500	24 – 240	28 – 280	35 – 350	74 – 740
3 months	t CO ₂ e ≥ 500	≥ 240	≥ 280	≥ 350	≥ 740

We can manage your F-gas requirements for you

All commercial, industrial and public sector organisations must comply with obligations under the government's environmental policy on F-Gas and Ozone-Depleting Substances.

Our F-Gas registered site service engineers can help you carry out different tasks such as regular leak checks, installation of leakage detection systems and diligent on-site record keeping with supporting templates. As well as recovery and/or destruction of gases before the equipment is discarded.

You can also combine the required F-gas inspections with one of our service plans.



Flexible service & maintenance packages

- › Flexible maintenance contracts tailored to your business needs
- › Maintenance of ALL brands of HVAC equipment
- › 24/7 emergency call out service
- › Up to four hour response time
- › Qualified site service engineers (F-Gas Registered)
- › Remote monitoring with Daikin On Site (DOS)
- › On site training for front-line personnel
- › Tailored Service Level Agreement (SLA)
- › Full chiller running logs taken on every service visit
- › Comprehensive spare parts availability & support on all brands
- › Retrofitting & refurbishment

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