ENVIRONMENT · A1 ENERGY · ATTRIBUTE ENV-06

Low-impact refrigerants

The gases inside your air conditioners, fridges, freezers and heat pumps, and whether any have leaked and been topped up.

HOW OFTEN	EVIDENCE	ENTERED BY	TYPE
When it changes	Equipment spec / service record	The property	In place or not

Why it matters

Many refrigerant gases trap heat in the atmosphere thousands of times more strongly than carbon dioxide. They do no harm sealed inside the equipment, but a leak is a significant climate impact, and a unit that is low on gas also uses more electricity.

How to do better

- Have equipment checked for leaks at each service and repair leaks promptly.
- Keep a list of your equipment and the gas each unit contains.
- Ask for a record every time gas is added; a top-up means gas has escaped.
- When buying new equipment, ask the supplier for models that use gases with a low climate impact.

How to record it in Canoprise

1. Ask your refrigeration contractor for an equipment list with the gas in each unit.
2. Record any top-ups by gas and quantity from service records.
3. Note whether new equipment is specified with natural or low-GWP refrigerants.

What you enter

Ref	What to enter	How it is entered
ENV-06.1	**HFC-free / low-GWP cooling**	Yes / no
ENV-06.2	Refrigerant top-up, per gas	Quantity per meter / source (kg)
ENV-06.3	Refrigerant inventory (type, charge)	Document

Items marked “calculated for you” need no entry.

How it is scored

In place or not. It scores 100 when the practice is in place with evidence attached, and 0 when it is not.

COMMON MISTAKE

Having no record of top-ups, so leaks cannot be seen or counted.

WHAT GOOD LOOKS LIKE

An equipment register by gas, with service records showing top-ups and leak checks.

IF YOU ARE WORKING TOWARDS A CERTIFICATE

Some certification schemes count refrigerant leaks in the carbon footprint and prefer low-impact gases. Requirements differ between schemes and change over time, so check the one you are applying to.

Where it counts

Certification

- GSTC Hotel v4 D3: Greenhouse gas emissions (in part)
- Green Key 4.27: Scope 1 and 2 emissions calculated (in part)
- EarthCheck 2.3.1: Greenhouse gases: inventory, reduction, refrigerants

Reporting frameworks (referenced, not scored)

- GRI 305-6: Ozone-depleting substances (in part)
- CSRD E1: Climate change (in part)
- CSRD E2: Pollution (in part)

Part of topic guide A1 Energy, which covers the whole topic and lists the certification criteria it supports.