



THE UNIVERSITY OF CAMBRIDGE SUSTAINABILITY TEAM

Equipment Replacement Programme Guide

Ultra low temperature (ULT) freezers



**UNIVERSITY OF
CAMBRIDGE**

Sustainability

Introduction

This programme provides financial support from the University of Cambridge Carbon Reduction Fund towards the replacement of old inefficient equipment with efficient new options. Run by the Sustainability Team, all approved projects will deliver energy cost and carbon emissions savings for the University.

Funding

Financial support is available to help departments replace inefficient ultra-low temperature (ULT) freezers (capable of -80°C) **over ten years old** with new energy efficient models. Funding comes from the University's Carbon Reduction Fund.

Form of support	Funding offered towards the cost of an eligible new energy efficient ULT freezer
One New for One Old	Upto £4,000 Subject to departmental weighting.
One New for Two Old	Upto £6,000 The first £4,000 is subject to departmental weighting.

Departmental Weighting

A departmental weighting mechanism will be applied to the replacement offer amount based on how much funding your department has received from the Equipment Replacement Programme to date:

Total funding received by department to date	Funding offered for a One New for One Old project	Funding offered for a One New for Two Old project
Upto £25,000	£4,000	£6,000
£25,000 - £50,000	£3,000	£5,000
Over £50,000	£2,000	£4,000

Funding Terms & Conditions

- Funding cannot be awarded retrospectively. Please await email confirmation of the funding offer before ordering.
- Funding offers are valid for reclaim within one year of the date of approval. After a year has elapsed the funding offer will expire. You will be reminded if your unclaimed offer is approaching its expiration date.
- Eligibility criteria for new freezer models will be evaluated periodically.

Eligible new ULT Freezers

The model of new ULT freezer you buy must adhere to the following principles:

- Manufacturer claimed daily energy consumption at a set point of -80°C is <10kWh/day.
- Refrigerants must be natural, non-toxic hydrocarbon (HC), with no ozone depleting properties and low global warming potential.
- Be air-cooled.

New freezer model ranges that are currently eligible for funding include:

BINDER | UF V
EPPENDORF | CRYOCUBE 'H/HI' MODELS
HAIER | SALVUM 'BP' MODELS
PHCBI | VIP ECO
THERMO FISHER SCIENTIFIC | TSX

Funding support for smaller units (<500 litres) will only be considered on an exceptional basis.

How to Apply

- 1)** Check the age of your old freezer.
- 2)** Obtain quotes for the new eligible freezer you wish to buy, in accordance with the Requirement for Competitive Bids as defined in the University financial regulations.
Alternatively, use Marketplace and screenshot your selection. Consult your departmental finance or accounts team with any queries.
- 3)** Complete the **Equipment Replacement Programme - Application Form**, making sure to upload a copy of your chosen supplier's quote (or Marketplace screenshot) when directed to.

Processing your application

- Confirming the funding that the ERP can offer towards your replacement project may take a couple of weeks, so please allow for this in your planning.
- You will be informed of your approved funding offer amount by email and assigned an ERP project ID number, to be used in all future correspondence.
- You are then free to proceed with your replacement and/or disposal.

How to Claim

- 1) Take delivery of your new freezer and monitor its energy usage if instructed to (see Monitoring).
- 2) Dispose of your old freezer(s) in accordance with the University's procedures for disposing of Waste Electrical and Electronic Equipment (WEEE). A signed Consignment Note must be given to you by the disposal company.
- 3) Have an internal invoice raised for the agreed funding amount. This should be made payable to **Estate Management & Building Services (BA-1018), FAO Sustainability** and including your ERP ID number in the description.
- 4) Complete the **Equipment Replacement Programme - Claim Form**, making sure to upload a copy of the following evidence when requested:
 - a copy of the internal invoice that has been raised
 - a copy of the supplier's delivery invoice for the new freezer
 - a copy of the signed waste consignment note for the old freezer(s)

Monitoring

You may be asked to monitor the energy usage of your freezer(s) by the Sustainability Team. Energy socket monitors and instructions will be provided.

For more information on the Equipment Replacement Programme, please visit the [Green Labs webpage](#).

Please contact sustainability@admin.cam.ac.uk, with 'ERP' in the subject line if you have further questions.