

Introducing:

E3 Low Energy Drying Cabinets

from **GPE** Scientific Ltd

Forget traditional energy inefficient and costly to run drying cabinets

Our new E3 range of glassware drying cabinets are unique - first to market, energy efficient, safer and cheaper to run.

Working with the University of Cambridge, we have developed units that represent a novel, sustainable solution to glassware drying.

In addition they're much easier to use.



Genlab E3 Technology

Genlab
Laboratory Division

E3 is our market leading brand for scientifically developed, cutting edge, sustainable, eco-friendly products, designed in collaboration with Genlab

Whether you are a single laboratory, or a larger organisation concerned with reducing overall running costs, GPE's E3 can provide the solution thats best for you.



GPE
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Drying Cabinet Replacement Program - 01/08/2017

E3 fan units are able to remove approximately double the moisture of a convection unit, the time taken to dry a load is therefore halved.

Unit - set at 75c	Water Loss (g/hr)	kWh/day
Unit A (82 litre)	22.02	11.184
E3 Convection (100 litre)	22.8	5.56
E3 Fan (100 litre)	43.56	8.35

*Note: All units tested were at a set temperature of 75 °c (empty chamber) and the ambient temperature was 22 °c. Energy consumption figures will differ based on unit set temperature and ambient conditions.



	LTE	Gallenkamp	LEEC	Corsair	GPE E3
Capacity (litres)	95	98	102	95	100
Kwh/day	16.008	11.208	11.256	9.984	5.56 ✓
Kwh/yr	5842.92	4090.92	4108.44	3644.16	2029.4 ✓
Electricity Costs/Yr	£584.29	£409.09	£410.84	£364.42	£202.94 ✓
CO ₂ Costs	£50.85	£35.61	£35.76	£31.72	£17.62 ✓
TOTAL ANNUAL COST	£584.29	£444.70	£446.60	£396.13	£220.56 ✓
Warranty	1 year	1 year	1 year	1 year	2 year ✓

E3 fan units are compared to a cross section of other units of similar capacity

The advancements of the E3 Drying Cabinet allow for a much more sustainable performance, clearly defined in this comparison

Whole life costs are greatly improved.

The E3 pays for itself within a short period of time.



Energy efficient, safe, sustainable.

*Low energy consumption - $\geq 50\%$ lower than traditional cabinets

*Integral programmable 7 day timer - ON/OFF to reflect your needs

*Low heat output - reducing air conditioning costs

*Fully insulated - safer for end users

*Easy, specific temperature controller

*Convection or fan - heat up time < 1 hour



Lockable castors as standard on the 425 & 885 litre models

Adjustable shelf runners with removeable chrome shelves

Easy to clean powder coated body with toughened glass doors

Digital Controller with fixed over-temperature cut-out

Timer to automate shut down periods

Adjustable vent cover



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ADDED VALUE SERVICE - WE WILL:

- * Carry out a Site Survey
- * Provide a Delivery Schedule
- * Label units earmarked for disposal
- * Log Serial Numbers & Room Locations for your Asset Register
- * Provide training - 1 day FREE OF CHARGE (Additional days are chargeable)

*Disposal - We can also arrange the collection and disposal of your old drying cabinets inline with the Waste Electrical and Electronic Equipment (WEEE) Legislation.

Details/costs available upon request

Salix Funding

The E3 is eligible for Salix funding - please contact us here at GPE for more information about how to apply.

SALIX

SOLVING ENERGY EFFICIENCY FINANCE IN THE PUBLIC SECTOR



GPE Scientific Ltd

Greaves Way Industrial Estate, Stanbridge Road, Leighton Buzzard, LU7 4UB

T. +44 (0) 1525 382277 info@gpescientific.co.uk

www.gpescientific.co.uk

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