



 CRYODRY@HOME

CD8H Freeze Dryer

Home Freeze Drying, Simplified

Healthy Eating | Food Certainty | Active Lifestyle | Save Money & The Planet | Emergency Readiness



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**HACCP
Certified**

Food Safety without compromise. Cryodry's CD8H has been designed, tested and certified to HACCP standards. All food contact materials used in our drying chamber are certified food safe. Our unique sandwich shelf stack design eliminates the need for heater adhesives preventing your food from potential exposure to VOC, which are often linked to health risk.



autodry

Autodry uses an advanced algorithm to dry material with one click. Experienced users can tailor auto-dry parameters to their preference.



**Global Safety
Certification**

For your peace of mind, the CryoDry® CD8H offers certification according to UL (USA), CSA (Canada), CE (Europe) and RCM (Australia/New Zealand). Freeze dryers need to meet highest safety standards to prevent hazards like electrical shock, fires or personal injury.



Fast

The CryoDry® CD8H freeze dryer features an advanced vacuum control system to optimise the drying process pressure commonly achieving 20-30% drying time savings.

CAPACITY

- Benchmark Size-to-Capacity Ratio
- Ice Condenser Volume 11 litres
- Up to 0.81 m² shelf area for large loads

COMPACT

With dimensions of only 748(w) x 507(h) x 770(d) mm, CD8H sits comfortably on most kitchen benches.

ERGONOMIC

Easy access two power switches, interfaces, power supply, vacuum and drain.

PROGRAMABLE SHELVES

Temperature range of -40°C to +60°C allows for precise control of the entire process from freezing on shelf to programmable heat application during drying.

FLEXIBILITY

5, 7 or 9 heated shelf stack option with shelf distances up to 33 mm. True plug-and-play shelf stack options to suit your needs.



PUMP OPTIONS

Our vacuum pump options offer market leading performance, lowest energy consumption and class leading service intervals for lowest cost of ownership.



NATURAL REFRIGERANT

Use of R290 is environmentally friendly, with minimal carbon footprint and ultra-low greenhouse warming potential (GWP). Guaranteed long term availability (unlike ozone depleting CFC and HCFC). Easy and affordable service.



GLOBAL POWER SUPPLY

The CD8H can operate at low and high voltages as well as variable frequencies (50/60Hz), making it compatible with power supplies worldwide.

POWER RECOVERY

Our power outage recovery function retains cycle progress and re-starts automatically after power outages. Our power buffer enables continuous operation in transient power outages.

POWER EFFICIENCY

Use of highly efficiency components results in the CD8H having market leading energy efficiency and therefore lowest operating cost.

CANDY MODE

Candy Mode enables energy saving operation as well as faster drying times. Candy can be done in as little as 45 minutes.



SPECIFICATIONS

REFRIGERATION

Total Condenser Volume	11 litres
Typical Product Capacity	9.6 kg at 80% moisture
Ice Condenser Temperature	< -45 °C
Refrigerant	R290
Defrost Function	Shelf heating

VACUUM

Ultimate Vacuum	0.15 mbar
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SHELVES

Number of Shelves	5
Shelf Stack Options	9, 7 shelves
Inter-shelf Distance	9 Shelves 16 mm
	7 Shelves 22 mm
	5 Shelves 33 mm
Tray Size	200 x 450 x 20 mm 5 Shelf Stack
	200 x 450 x 15 mm 7 Shelf Stack
	200 x 450 x 12 mm 9 Shelf Stack

Minimum Shelf Temperature	-40 °C
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Maximum Shelf Temperature	+60 °C
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POWER REQUIREMENTS

Electrical	AC 120V 14A 50/60Hz
	AC 220-240V 8A 50/60Hz (Not for UL-mark)

Maximum Vacuum Pump Current	AC120V, 50/60Hz; 2.8A AC220-240V, 50/60Hz; 1.6A
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INTERFACES

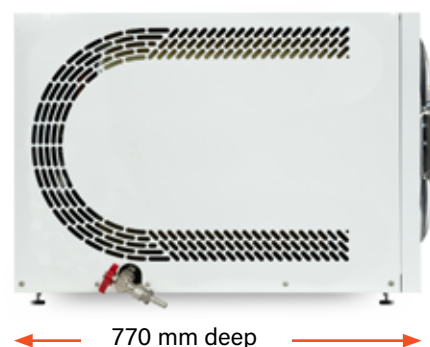
Interfaces	USB-A, USB-B
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SIZE AND WEIGHTS

External Dimensions (Dx-WxH)	770 x 748 x 507 mm
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Weight	87 kg
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Noise Level (without vacuum pump)	54 dB(A)
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CryoDry

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