



CD8

All-In-One
Easy-Load
Fast



HIGHLIGHTS ★



Combines the steps of freezing and drying into one process for superior drying results, shorter process times and reduced labour.

Easy to load and unload cupboard style chamber.

Cooled and heated shelves for fast freezing and even faster drying. Typical time savings of more than 60% (based on in-house study, compared with passive systems)

FEATURES 👍

BENEFITS ✓

Interchangeable shelf configurations	✓ Simple shelf changeover to accommodate various applications
Benchmark ice capacity	✓ Large batches and long defrost intervals for maximum uptime
Powerful colour touchscreen controller	✓ Easy-to-program recipes (with up to 16 steps) or fully manual operation
PC interface	✓ USB and RS232C for data downloads and software updates
Compact design	✓ Easy to load and unload. Uses minimal bench space
Ozone friendly natural refrigerant	✓ Minimal carbon footprint and ultra-low greenhouse warming potential (GWP). Guaranteed long term availability (unlike ozone depleting CFC and HCFC). Easy and cost effective service
Low Maintenance	✓ Easy and cost effective service
Build quality	✓ High-end refrigeration and electronic components. Solid state relays

SPECIFICATIONS ⚙️

REFRIGERATION

Total Condenser Volume	11 litres
Ice Condenser Capacity	8 kg
Condenser Performance	4 kg per 24 hours
Ice Condenser Temperature	< -40 °C
Refrigerant	R290
Typical Product Capacity	9.6 kg at 80% moisture
Defrost Function	Shelf heating

VACUUM

Ultimate Vacuum	2.5 x 10 ⁻² mbar
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SHELVES

Number of Shelves	5
Shelf Stack Options	9, 7, 3 and 1 shelves
Inter-shelf Distance	9 Shelves 19 mm
	7 Shelves 28 mm
	5 Shelves 40 mm
	3 Shelves 68 mm
	1 Shelf 204 mm

Tray Size	200 x 450 x 15 mm
Minimum Shelf Temperature	-35 °C
Maximum Shelf Temperature	+60 °C

POWER REQUIREMENTS

Electrical	110V +/-10% 60Hz 8.5A
	230V +/-10% 50Hz 6.8A
	Other voltages on request

Maximum Vacuum Pump Current	3A
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INTERFACES

Interfaces	USB, RS232C
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SIZE AND WEIGHTS

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