

New Eppendorf Freezers –
Sample security meets the latest in
energy efficiency



Cooler than Cool

CryoCube® ULT Freezers: Efficiency has a new name

»You can trust CryoCube ULT Freezers with your most valuable samples.«

The complete storage solution

CryoCube Ultra-low Temperature Freezers combine maximum sample security with increased energy efficiency. New advancements and technologies decrease power consumption and make CryoCube freezers easier to use, while offering peace-of-mind for your most precious samples. Eppendorf quality means years of trouble-free operation and dependable support.

Convenience

- > New automatic vent port located within the user interface improves energy consumption and uniformity while providing easier access
- > Reduced energy consumption with high-efficiency fan, compressor, and condenser
- > Removable inner doors allow for simple maintenance

Comfort

- > New easy opening ergonomic handle requires less force

Sample security

- > Magnetic closures on insulated inner doors provide easy access to samples



New automatic vent port



New magnetic closures



New handle design

CryoCube F570 & FC660

Uncompromising quality

To protect your precious samples, CryoCube freezers are built with reliability in mind. Constructed from durable materials, they ensure consistent performance and preservation year after year.



Reduce your carbon footprint

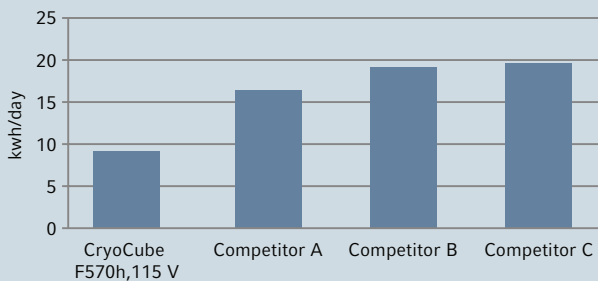
The CryoCube F570h and FC660h (high efficiency models) further reduce energy consumption by up to 23 %, compared to the F570 and FC660. They combine the enhanced design and technology of the F570 and the FC660 with additional vacuum insulation coverage.

CryoCube F570h & FC660h

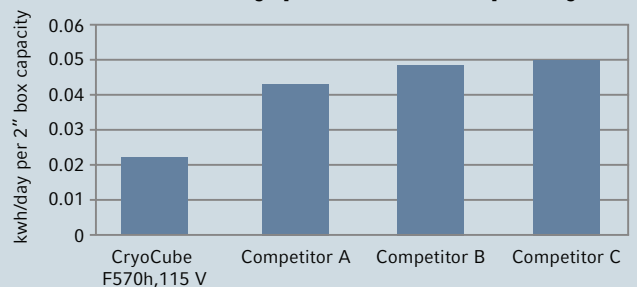










Data was collected from 2015 marketing materials of other manufacturers' freezers that were comparable in capacity and voltage. If there was an ECO-mode or energy saving mode, that value was used. Subject to change.

kWh/day



kWh/day per 2" box capacity



Model	CryoCube Freezers		CryoCube High Efficiency	
	CryoCube F570	CryoCube FC660	CryoCube F570h	CryoCube FC660h
				
Style	Upright	Chest	Upright	Chest
Model No.	F570	FC660	F570h	FC660h
Capacity (ft³)	20	23.3	20	23.3
Catalog No.	F570200005	–	F570220005	–
	208–230 V, 60 Hz	F660400005	–	F660420005
Plug provided (white); Outlet required (black)	5–20P 	6–15P 	5–20P 	6–15P 
115 V				
208–230 V				
Capacity	Overall	570 L	570 L	660 L
	Compartments	5	5	–
	Racks per shelf	5	–	–
	Racks per freezer	25	40	25
	Box capacity per rack	2 in (50 mm) box (H)	16	13
		3 in (75 mm) box (H)	12	9
		4 in (100 mm) box (H)	8	6
	Box capacity per freezer	2 in (50 mm) box (H)	400	520
		3 in (75 mm) box (H)	300	360
		4 in (100 mm) box (H)	200	240
	Sample capacity per freezer	2 in (50 mm) box (H)	40,000	52,000
		3 in (75 mm) box (H)	30,000	36,000
		4 in (100 mm) box (H)	20,000	24,000
Performance	Pull down to –85 °C (Hours)²	115 V, 60 Hz	4.7	4.9
		208–230 V, 60 Hz	4.7	–
	Noise level (dB)	115 V, 60 Hz	59.7	–
		208–230 V, 60 Hz	58.8	60.1
	Heat output (watts)	115 V, 60 Hz	500	–
		208–230 V, 60 Hz	479	396
Power	Electric / Mains (A) / Full load amp draw	115 V, 60 Hz	16.5	–
		208–230 V, 60 Hz	6.5	8
	kWh per day¹	115 V, 60 Hz	12.0	–
		208–230 V, 60 Hz	11.5	9.5
Dimensions³	External	Height (in)	76.4	42.9
		Width (in)	40.4	81.5
		Depth (in) ⁴	33.5	33.3
	Internal	Height (in)	49.8	30
		Width (in)	30.1	57.9
		Depth (in)	22.6	23.2
Compartment Heights	Top (in)	9.84	–	9.84
	Middle (in)	9.45	–	9.45
	Bottom (in)	9.45	–	–
Weight	Net weight (lbs)	595	617	653
	Shipping weight (lbs)	695	723	776

¹ Empty freezer with shelves fitted (upright freezers only), set point –80 °C, 21–23 °C ambient conditions. ² Empty freezer with shelves fitted (upright freezers only), pull down to –85 °C from 21–23 °C ambient conditions. ³ Optional CO₂/LN₂ back-up systems add 3.5 in (8.65 cm) to height. To allow for handles and hinges, add 3.2 in (80 mm) to width of upright freezers and 4.4 in (110 mm) to the depth. Door open at 90 degrees adds up to 6 in (15 cm) to width. Technical specifications subject to change. ⁴ F570 bezel adds 1.8 in (44.3 mm) to the depth; FC660 bezel adds 1.5 in (37.6 mm) to the depth.

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