



Model	CryoCube® F570
Insulation	Polyurethane foam
Wall Thickness	Type A
Capacity	570 L
No. of internal doors	5
No. of compartments	5
Max. racks per freezer	25
Box capacity per rack	
5 cm (2 in) tall boxes	16
7.5 cm (3 in) tall boxes	8
10 cm (4 in) tall boxes	8
Box capacity per freezer	
5 cm (2 in) tall boxes	400
7.5 cm (3 in) tall boxes	200
10 cm (4 in) tall boxes	200
Sample capacity	
5 cm (2 in) tall boxes	40,000
Dimensions (W x D x H)¹⁾²⁾³⁾	102.5 x 85.2 x 194 cm
Dimensions internal (W x D x H)	76.5 x 57.5 x 126.5 cm
Weight w/o accessories	270 kg
Shipping weight	315 kg
Pull-down time to -80 °C (230 V)⁴⁾	4 h
Noise level	59.5 dB
Heat output (230 V)	438 W
Power supply	230 V, 50 Hz
Power consumption	10.5 KWh/day
Eppendorf freezer (230/115 V)⁵⁾	12.0 KWh/day
Max. power consumption per 5 cm box (230 V)⁵⁾	26 Wh/day
Interior	Stainless steel
Password protection of setpoints	yes
Extras	Automatic vent port
Cooling liquid	R404A / R508B

¹⁾ Optional CO₂/LN₂ backup systems add 8.65 cm/3.5 in to height.

²⁾ To allow for handles and hinges, add 80 mm to width of upright freezers and 110 mm to the depth of chest freezers.

³⁾ Door open adds up to 15 cm.

⁴⁾ Empty freezer with shelves fitted, upright freezers only, pull down from 20 – 22 °C ambient conditions.

⁵⁾ Empty freezer with shelves fitted, upright freezers only, set point -80 °C, 20 – 22 °C ambient conditions.