



Large Capacity Incubators



Product Codes ..

LCI/250H/TDIG, LCI/350H/TDIG, LCI/425H/TDIG, LCI/500H/TDIG, LCI/650H/TDIG, LCI/750H/TDIG, LCI/850H/TDIG, LCI/1000H/TDIG, LCI/1250H/TDIG

LCI/250V/TDIG, LCI/350V/TDIG, LCI/425V/TDIG, LCI/500V/TDIG, LCI/650V/TDIG, LCI/750V/TDIG, LCI/850V/TDIG, LCI/1000V/TDIG

Temperature Specifications

Working Range	(Ambient +8)°C to 70°C
Accuracy	< 0.8°C
Resolution	0.1°C
Temperature Sensor	Duplex Pt100B 2+2 wire
Display	°C or °F

Model	Stability@37°C (+/-°C)	Uniformity @37°C (+/-°C)	Heat Up Time* (Mins)	Recovery Time* * (Mins)
LCI250H	0.25	1.1	25	5
LCI/350H	0.25	1.1	25	5
LCI/425H	0.25	1.1	23	5
LCI/500H	0.25	1.1	23	5
LCI/650H	0.25	1.1	23	5
LCI/750H	0.25	1.1	24	6
LCI/850H	0.25	1.1	24	6
LCI/1000H	0.25	1.1	25	7
LCI/1250H	0.25	1.1	25	7
LCI/250V	0.25	1.1	25	5
LCI/350V	0.25	1.1	24	5
LCI/425V	0.25	1.1	23	5
LCI/500V	0.25	1.1	23	5
LCI/650V	0.25	1.1	23	6
LCI/750V	0.25	1.1	24	6
LCI/850V	0.25	1.1	24	6
LCI/1000V	0.25	1.1	25	7

* Heat Up Time

** Recovery Time

Ambient to 37°C

Door opened for 30 seconds @ 37°C

Controller Specifications

Colour Touch Screen	3.2in
Control	PID with fuzzy logic
Independent Overheat Shut Down	Manual or Automatic Reset
Onscreen Historical Trending	Up to 48 Hours
On power failure	Selectable Standby Mode or Continuous Run Mode
Calibration	Linear Offset or Zero / Span
Timer	Count Down Timer5000Mins (start/pause on setpoint band)
	8 Stage Profile8 x 999Mins
	Real Time Clock2 on/off per day
Timer Upgrade	
(Optional, contact supplier for upgrade)	Multi Profile10 x Stored Profiles
	Cyclic Control 11 to 10 then infinite
	Cyclic Control 22 Set Points, selectable hours
Language selectable	English/German/Spanish/French/Portuguese
Diagnostics	On screen fault analysis
Energy Meter	Integral kWh meter
Data Storage/Export	Optional extra, USB output with 17000 samples (48 hours @ 10 sec sample/60 days @ 300 sec sample)

Environmental Specifications

Working Operational Range	5°C to 40°C
Working Humidity	Max 70% RH, non-condensing
Sound Level	< 48dB (A)
Environment	Indoor Use Only
Altitude	Up to 2000m
IP Rating	IP20
Clearance	Minimum 5cm all sides and rear
	Minimum 10 cm above for ventilation

Electrical Specifications

Model Code	Voltage 50/60Hz	Wattage W	Max Current Amps	Max Temp °C		Electrical Connection
				@ 20% power	@ 30% Power	
LCI250H	230V	1000	4.5	xx	xx	3 PIn IEC Plug
LCI350H	230V	1500	6.5	xx	xx	3 PIn IEC Plug
LCI425H	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI500H	230V	2000	8.5	75	110	3 PIn IEC Plug
LCI650H	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI750H	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI850H	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI1000H	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI1250H	230V	2000	8.5	55	70	3 PIn IEC Plug
LCI250V	230V	1000	4.5	xx	xx	3 PIn IEC Plug
LCI350V	230V	1500	6.5	75	100	3 PIn IEC Plug
LCI425V	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI500V	230V	2000	8.5	90	125	3 PIn IEC Plug
LCI650V	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI750V	230V	2000	8.5	xx	xx	3 PIn IEC Plug
LCI850V	230V	2000	8.5	55	80	3 PIn IEC Plug
LCI1000V	230V	2000	8.5	xx	xx	3 PIn IEC Plug

Internal Design

Model Code	No. of Shelves		Shelf Size mm	Shelf Rating Kg	Max Oven Load Kg	Additional Shelf Code
	Standard	Max				
LCI250H	3	4	915 x 420	25	100	A2426
LCI350H	3	4	915 x 620	25	100	A2431
LCI425H	4	5	915 x 620	25	125	A2431
LCI500H	5	7	915 x 620	25	150	A2431
LCI650H	5	7	915 x 762	25	150	A2439
LCI750H	5	8	915 x 762	25	150	A2439
LCI850H	5	9	915 x 762	25	150	A2439
LCI1000H	5	11	915 x 762	25	150	A2439
LCI1250H	5	11	1220 x 725	25	150	A2444
LCI250V	5	7	508 x 495	25	100	A2413
LCI350V	5	7	610 x 610	25	100	A2425
LCI425V	5	7	762 X 610	25	125	A2438
LCI500V	5	9	762 X 610	25	150	A2438
LCI650V	5	9	762 X 762	25	150	A2442
LCI750V	5	10	762 X 762	25	150	A2442
LCI850V	5	11	762 X 762	25	150	A2442
LCI1000V	5	11	762 X 915	25	150	A2463

Build Construction

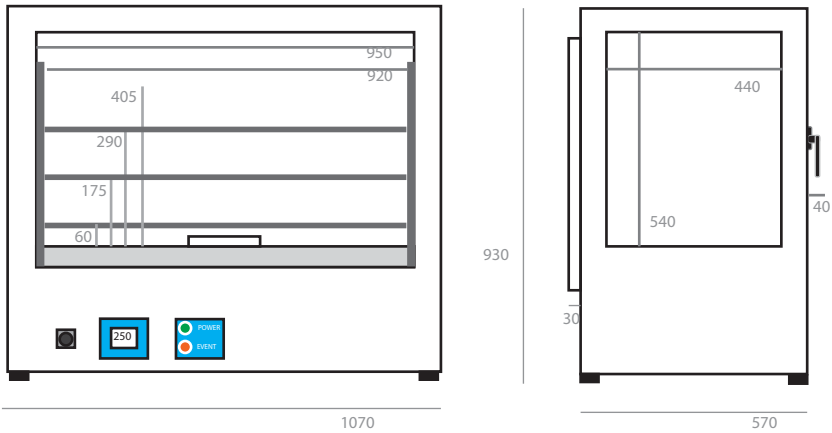
External
Colour
Internal
Door Gasket

Powder Coated Zintec
RAL 7035
Zinc-Plated Steel or 304 Stainless Steel
High Consistency Silicone Rubber - PR 780 / 60, Max temp 320 °C

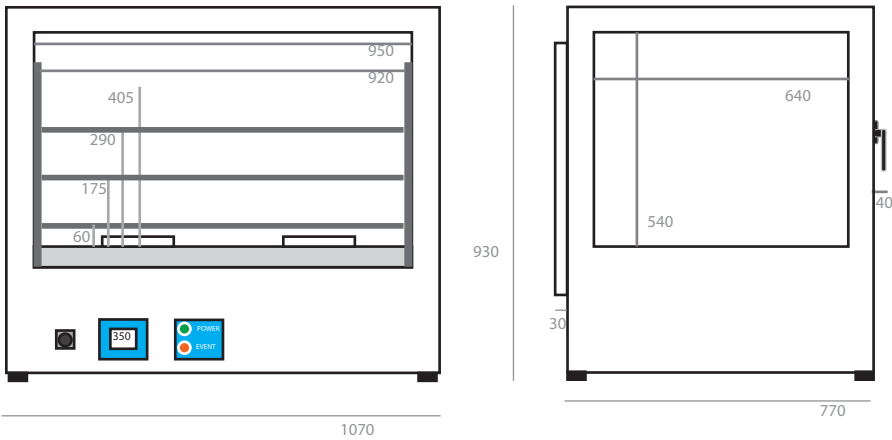
*All technical data is specified when tested at an ambient of 20°C

Dimensions - LCI / H

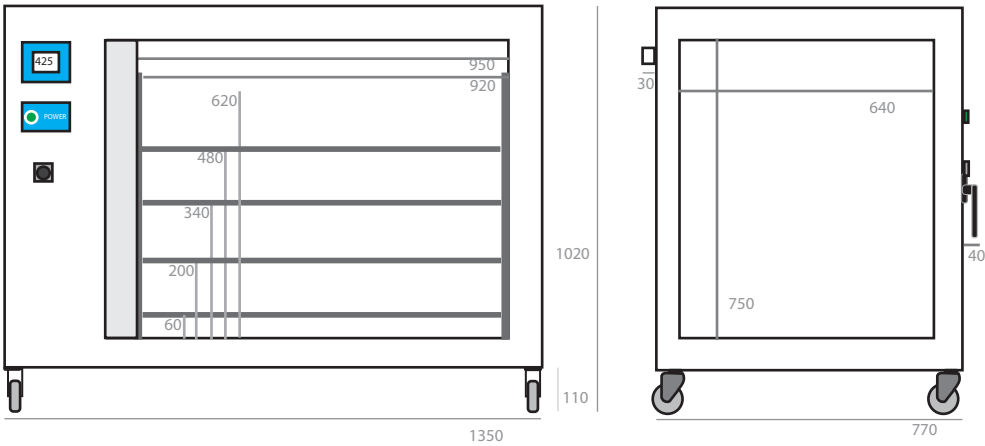
LCI/250H



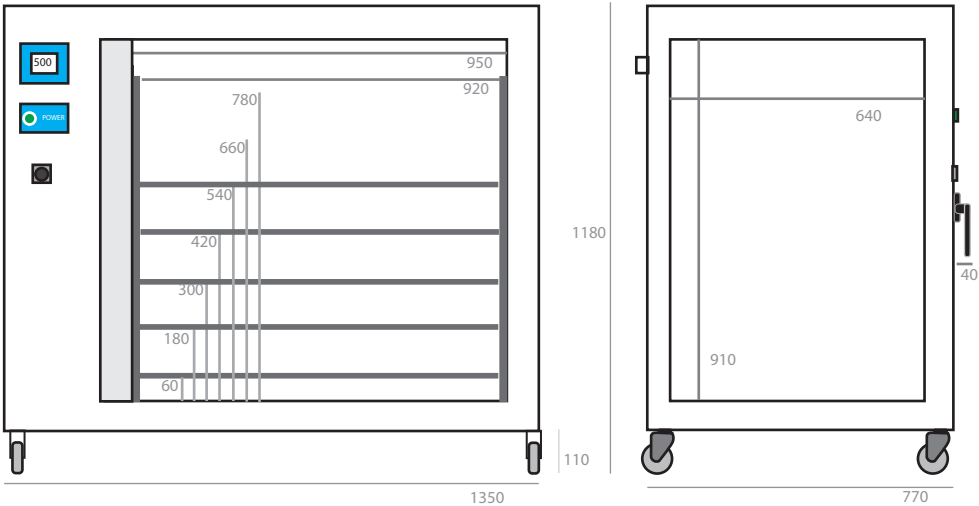
LCI/350H



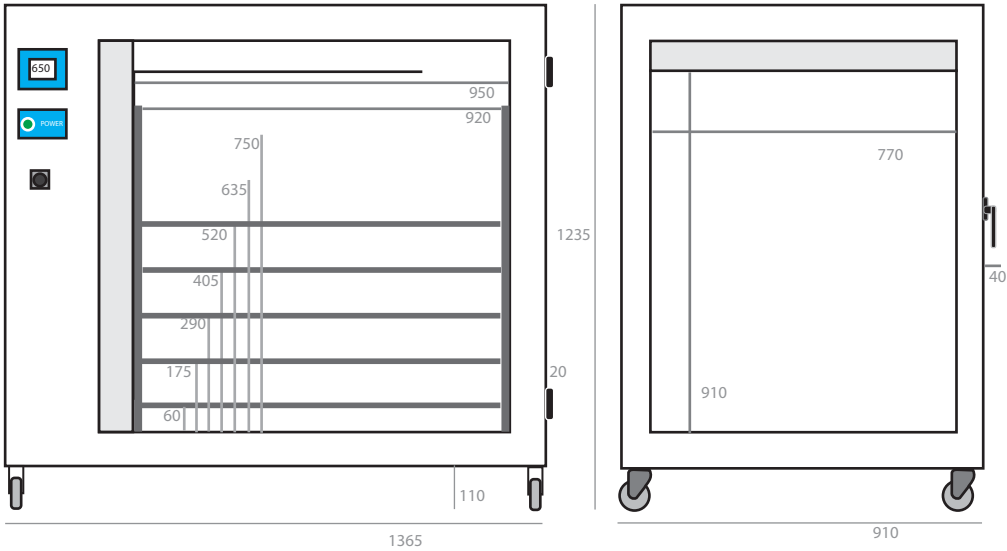
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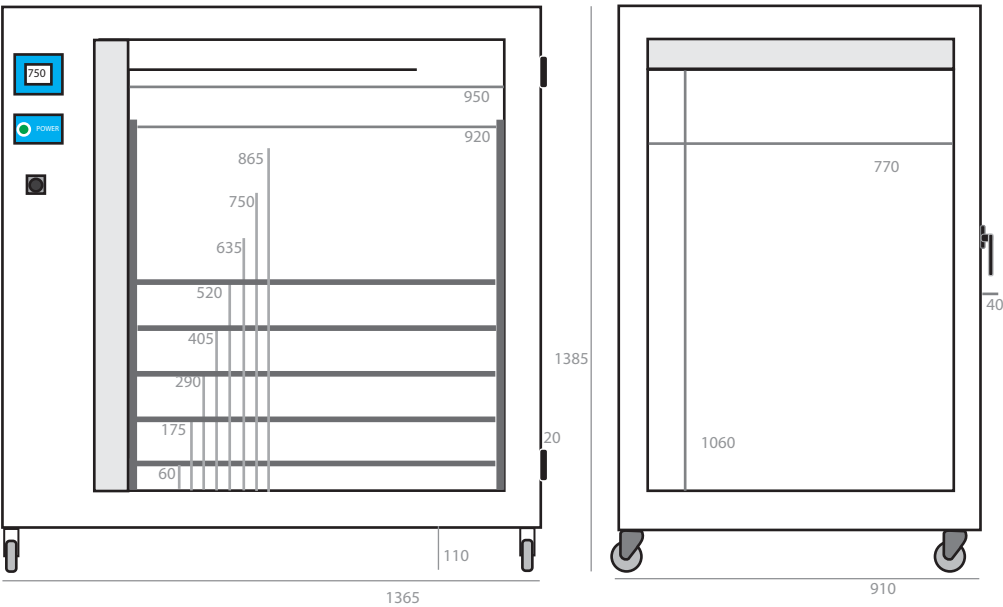
LCI/500H



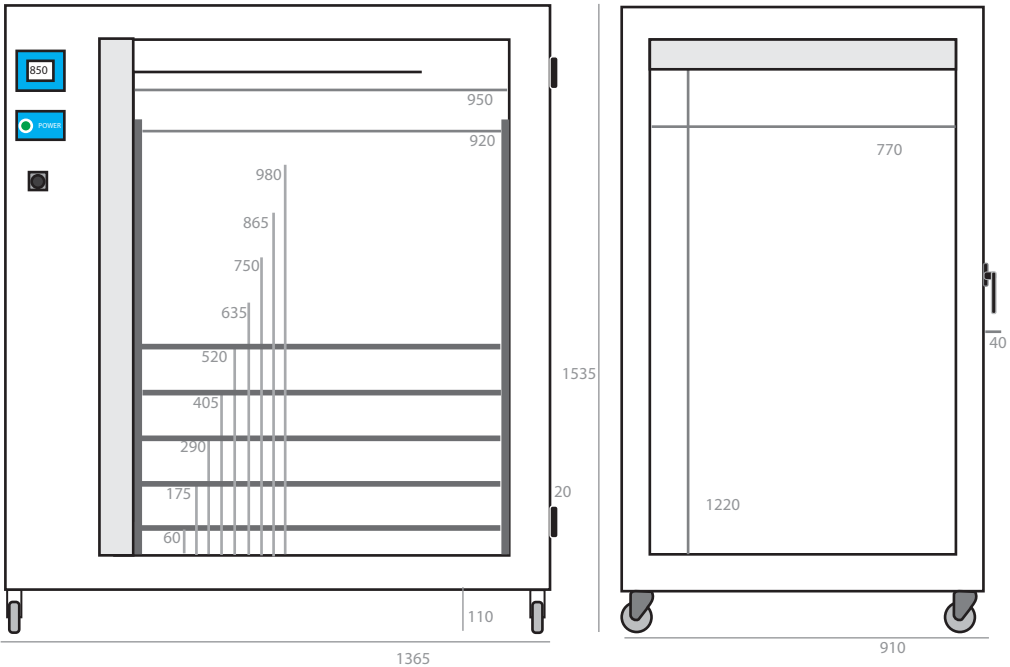
LCI/650H



LCI/750H

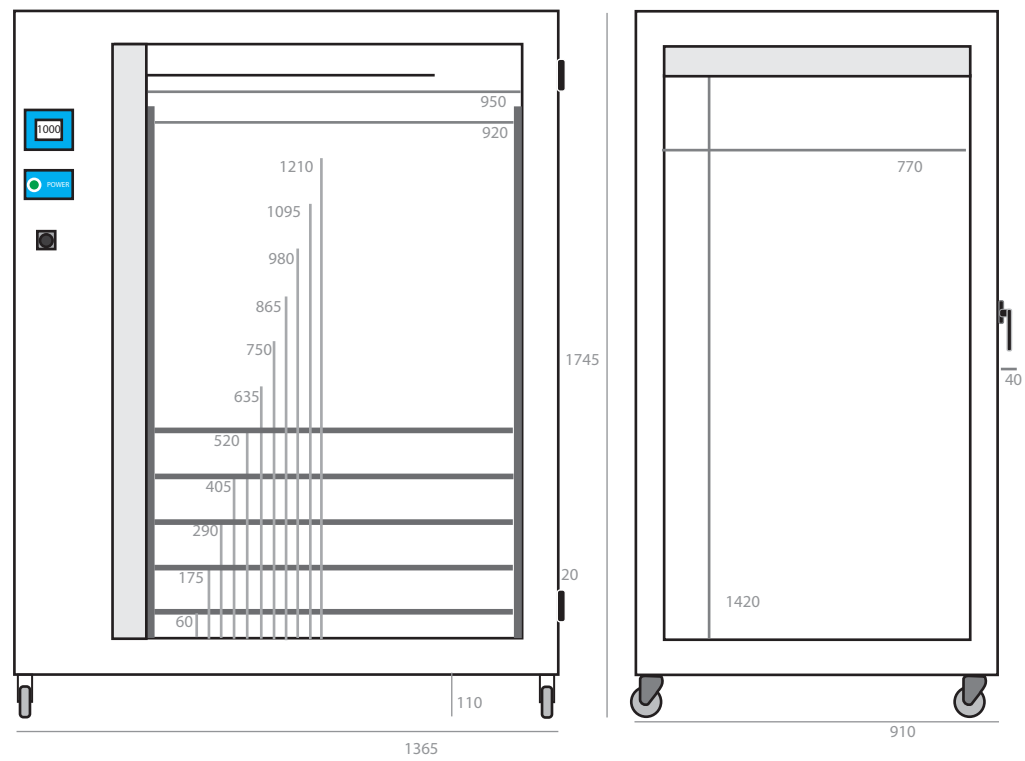


LCI/850H

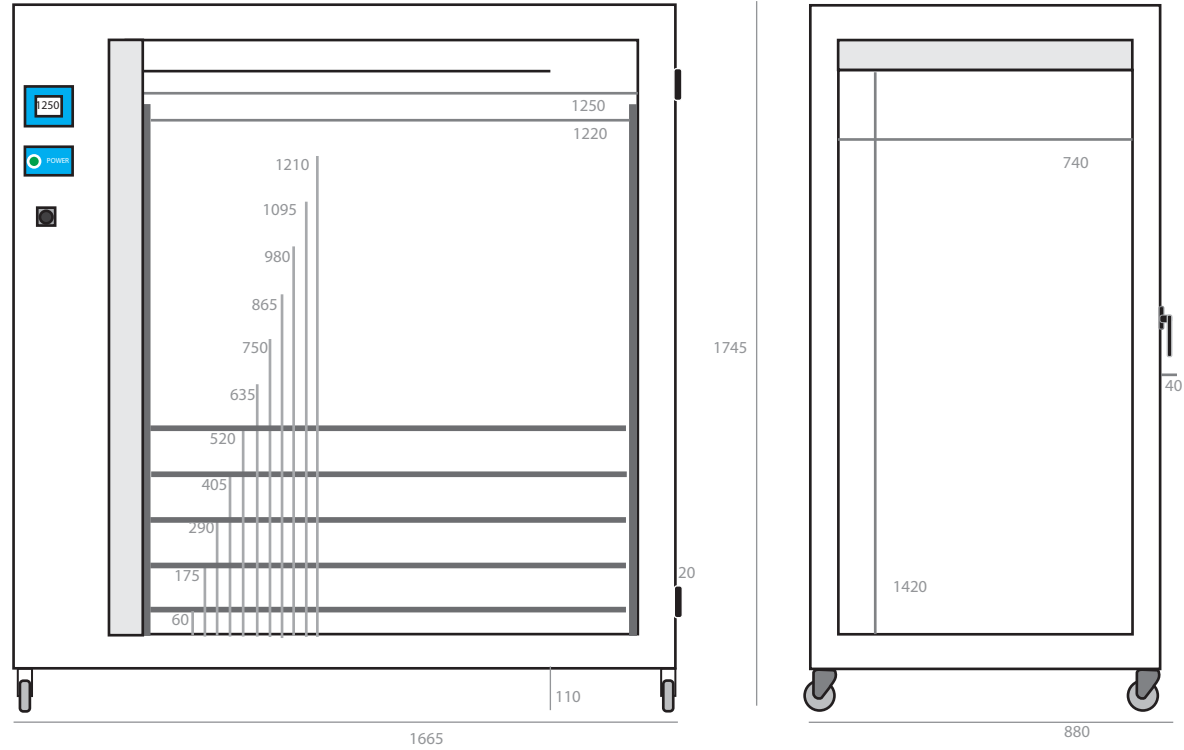


Dimensions - LCI / H

LCI/1000H



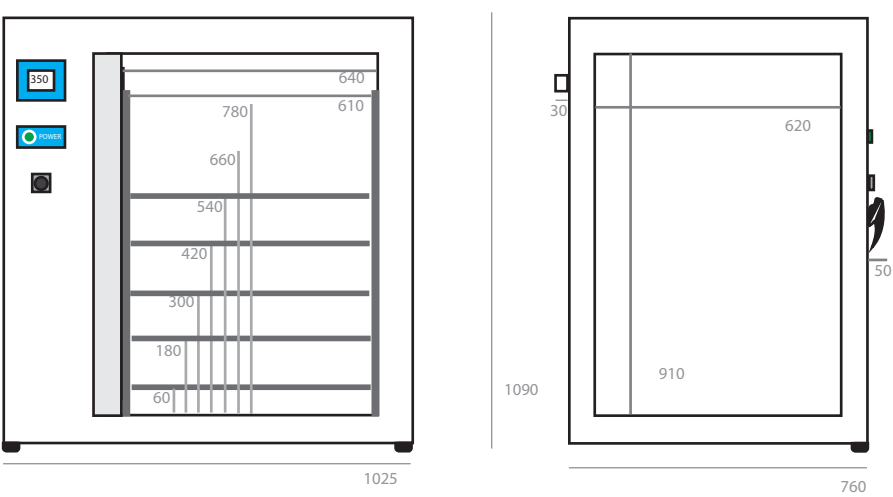
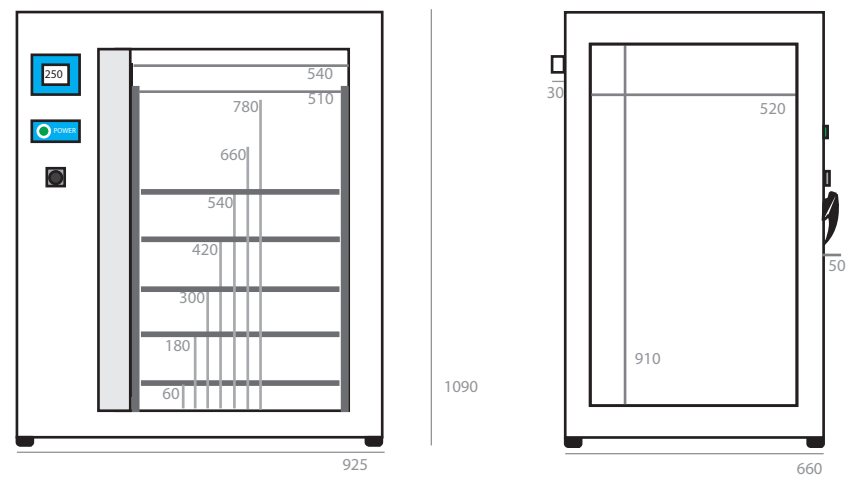
LCI/1250H



Dimensions - LCI / V

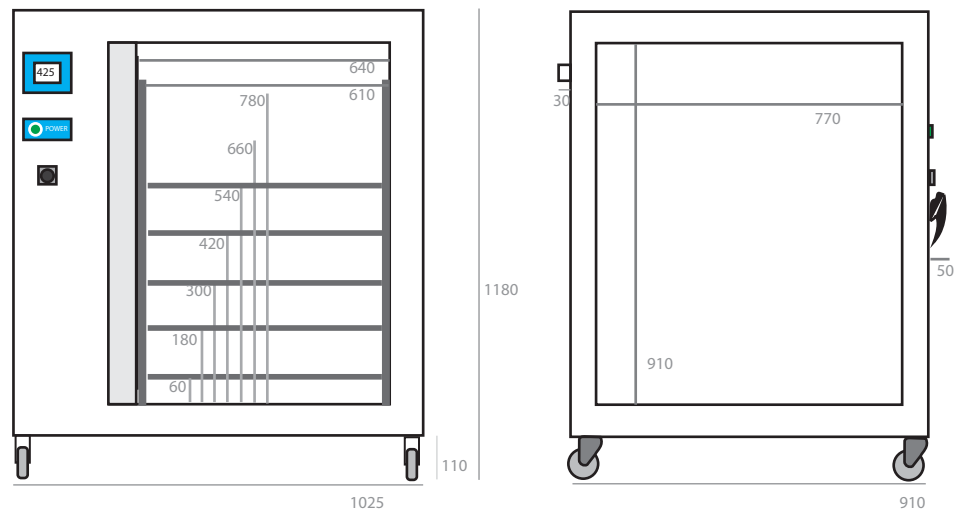
LCI/250V

LCI/350V

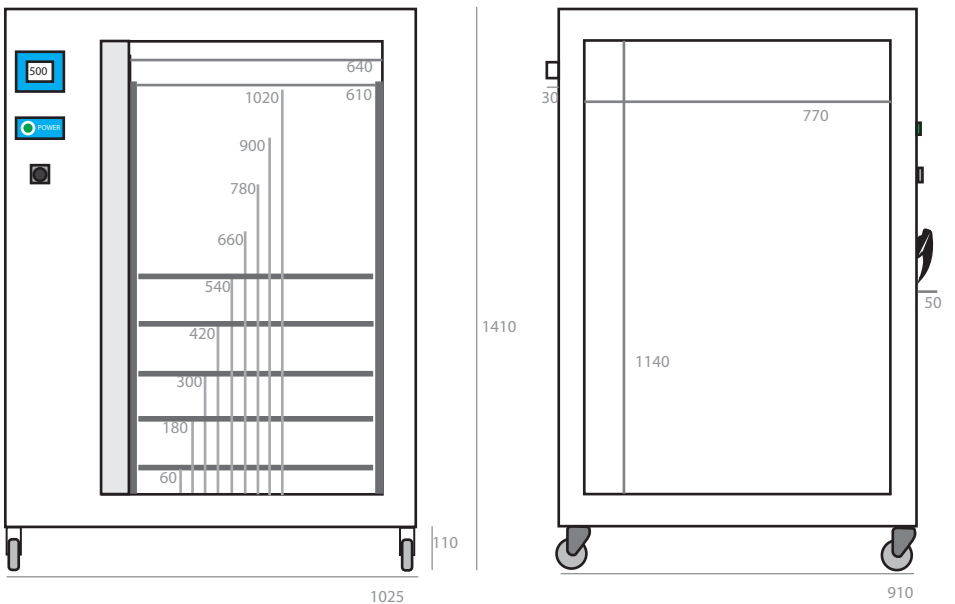


Dimensions - LCI / V

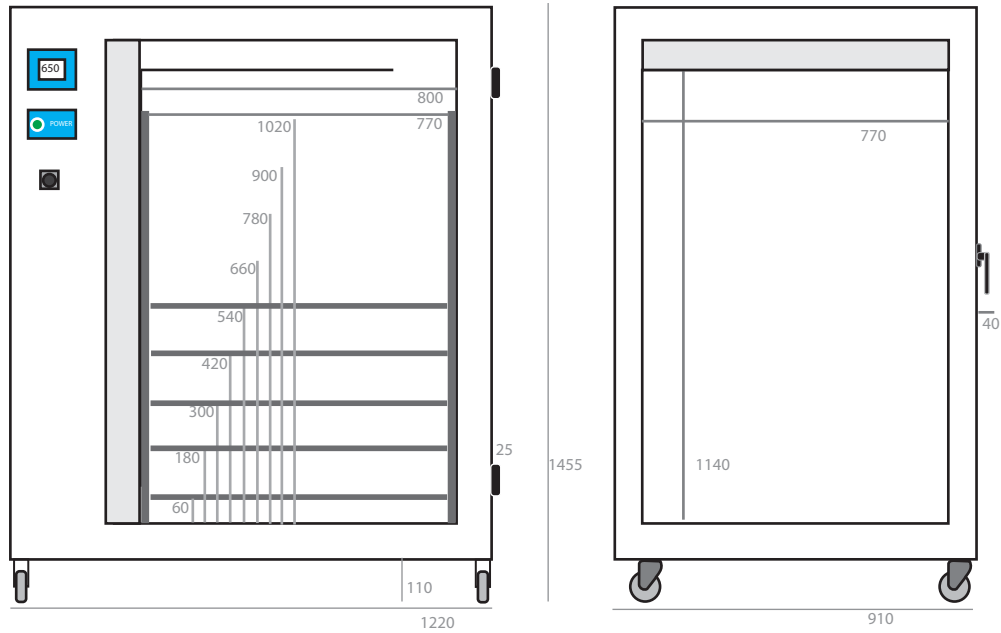
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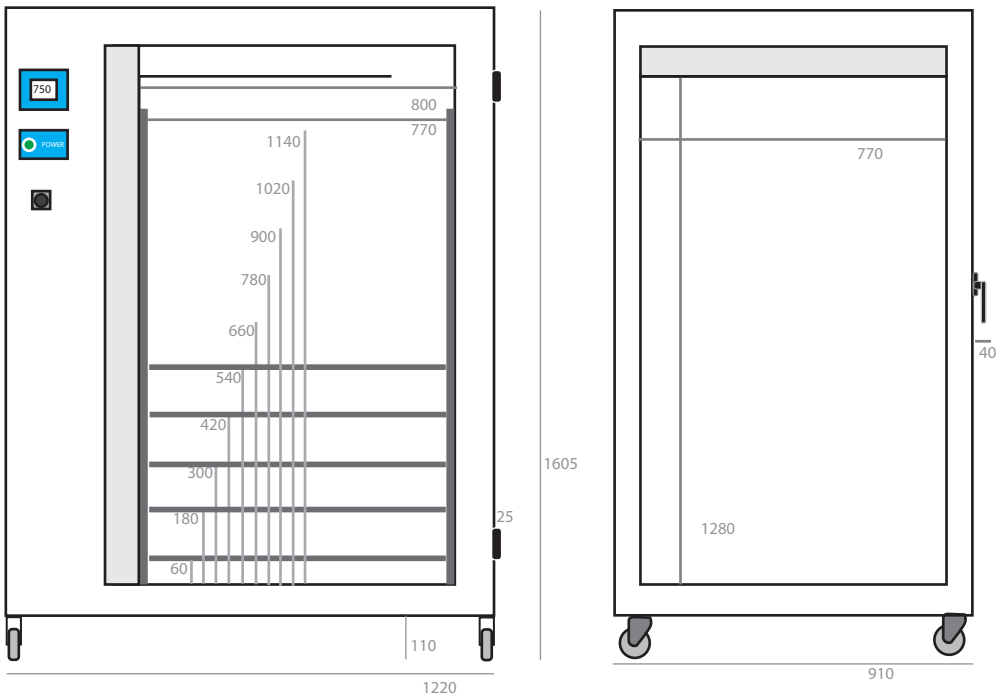
LCI/500V



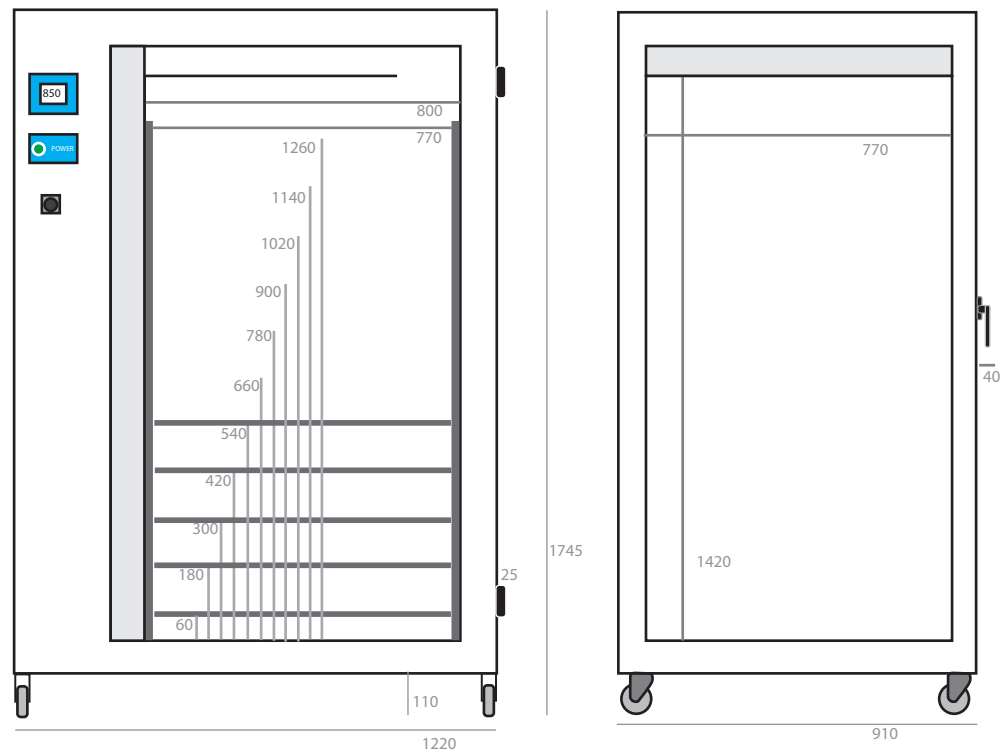
LCI/650V



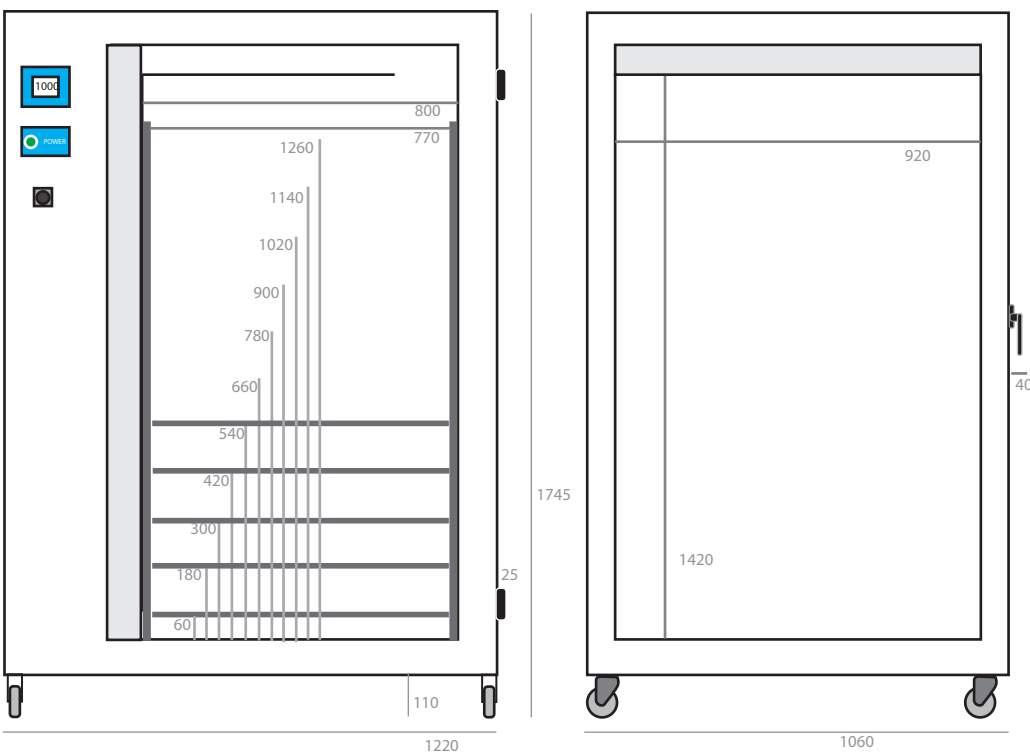
LCI/750V



LCI/825V



LCI/1000V





HS Commodity Code
Low Voltage Directive
EMC Directive
Machinery Directive
RoHS Directive
Approval Standards

85141100000
2014/35/EU
2014/30/EU
EU Machinery Regulation (EU) 2023/1230
2023/1437EU
EN 61010-1:2010/A1:2019
BS EN IEC 61000-6-1:2019
BS EN IEC 61000-3 2020
BS EN IEC 61000-6-4:2019
BS EN 60204-1:2018+A1:2025
BS-EN7671
BS-EN61439-2
BS-EN13849

