



PRIME^{XL} OVEN



Product Codes ..

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

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

Temperature Specifications

Working Range	50°C to 250°C (300°C option available)
Accuracy	< 0.4°C
Resolution	0.1°C
Temperature Sensor	Duplex Pt100A 2+2 wire
Display	°C or °F

Model	Stability@150°C (+/-°C)	Uniformity @150°C (+/-°C)	Heat Up Time* (Mins)	Recovery Time* * (Mins)
PRO/250H	0.5	4	25	4
PRO/350H	0.5	4	25	4
PRO/425H	0.5	4	25	4
PRO/500H	0.5	4	30	4
PRO/650H	0.5	4	25	4
PRO/750H	0.5	4	25	4
PRO/850H	0.5	4	25	4
PRO/1000H	0.5	4	25	4
PRO/1250H	0.5	4	30	4
PRO/250V	0.5	4	25	4
PRO/350V	0.5	4	25	4
PRO/425V	0.5	4	25	4
PRO/500V	0.5	4	30	4
PRO/650V	0.5	4	25	4
PRO/750V	0.5	4	25	4
PRO/850V	0.5	4	25	4
PRO/1000V	0.5	4	30	4

* Heat Up Time

** Recovery Time

Ambient to 150°C

Door opened for 30 seconds @ 150°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	
PRO/250H	230V	3000	13	135	185	3 Pln 16A Plug
PRO/350H	230V	3000	13	xx	xx	3 Pln 16A Plug
PRO/425H	415V	4500	7	xx	xx	5 Pln 16A Plug
PRO/500H	415V	4500	7	100	140	5 Pln 16A Plug
PRO/650H	415V	7500	11.5	xx	xx	5 Pln 16A Plug
PRO/750H	415V	7500	11.5	140	195	5 Pln 16A Plug
PRO/850H	415V	7500	11.5	xx	xx	5 Pln 16A Plug
PRO/1000H	415V	9000	13.5	xx	xx	5 Pln 16A Plug
PRO/1250H	415V	9000	13.5	190	240	5 Pln 16A Plug
PRO/250V	230V	3000	13	130	170	3 Pln 16A Plug
PRO/350V	230V	3000	13	xx	xx	3 Pln 16A Plug
PRO/425V	415V	4500	7	xx	xx	5 Pln 16A Plug
PRO/500V	415V	4500	7	100	145	5 Pln 16A Plug
PRO/650V	415V	7500	11.5	xx	xx	5 Pln 16A Plug
PRO/750V	415V	7500	11.5	xx	xx	5 Pln 16A Plug
PRO/850V	415V	9000	13.5	xx	xx	5 Pln 16A Plug
PRO/1000V	415V	9000	13.5	xx	xx	5 Pln 16A Plug

Internal Design

Model Code	No. of Shelves		Shelf Size mm	Shelf Rating Kg	Max Oven Load Kg	Additional Shelf Code
	Standard	Max				
PRO/250H	3	4	915 x 420	25	300	A2426
PRO/350H	3	4	915 x 620	25	300	A2431
PRO/425H	4	5	915 x 620	25	500	A2431
PRO/500H	5	7	915 x 620	25	500	A2431
PRO/650H	5	7	915 x 762	25	500	A2439
PRO/750H	5	8	915 x 762	25	500	A2439
PRO/850H	5	9	915 x 762	25	500	A2439
PRO/1000H	5	11	915 x 762	25	500	A2439
PRO/1250H	5	11	1220 x 725	25	500	A2444
PRO/250V	5	7	508 x 495	25	500	A2413
PRO/350V	5	7	610 x 610	25	500	A2425
PRO/425V	5	7	762 X 610	25	500	A2438
PRO/500V	5	9	762 X 610	25	500	A2438
PRO/650V	5	9	762 X 762	25	500	A2442
PRO/750V	5	10	762 X 762	25	500	A2442
PRO/850V	5	11	762 X 762	25	500	A2442
PRO/1000V	5	11	762 X 915	25	500	A2463

Build Construction

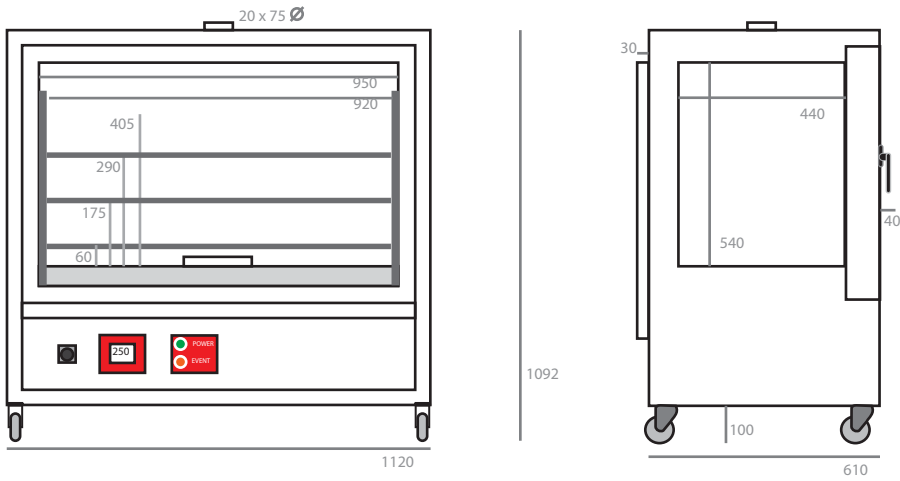
External
Colour
Internal
Door Gasket

Structural Framework with Powder Coated Zintec Panels (304 Stainless Steel option)
RAL 7035
304 Stainless Steel
High Consistency Silicone Rubber - PR 780 / 60, Max temp 320 °C

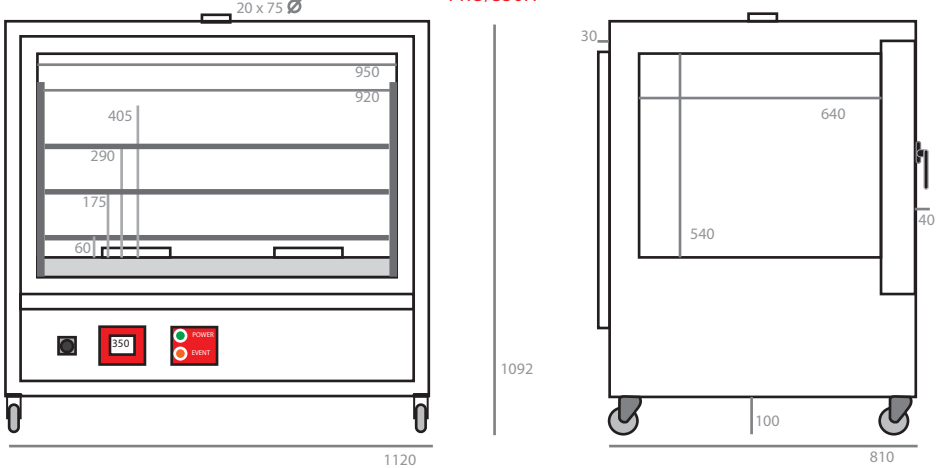
*All technical data is specified when tested at an ambient of 20°C

Dimensions - PRO / H

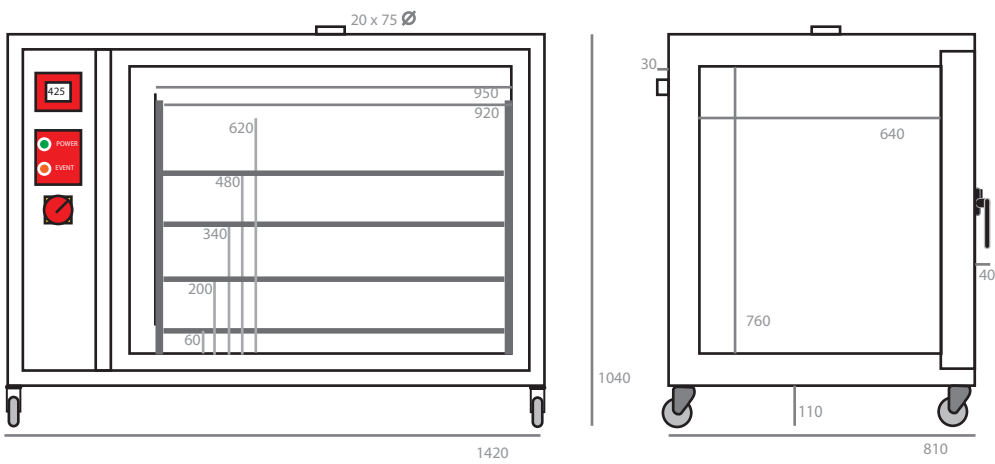
PRO/250H



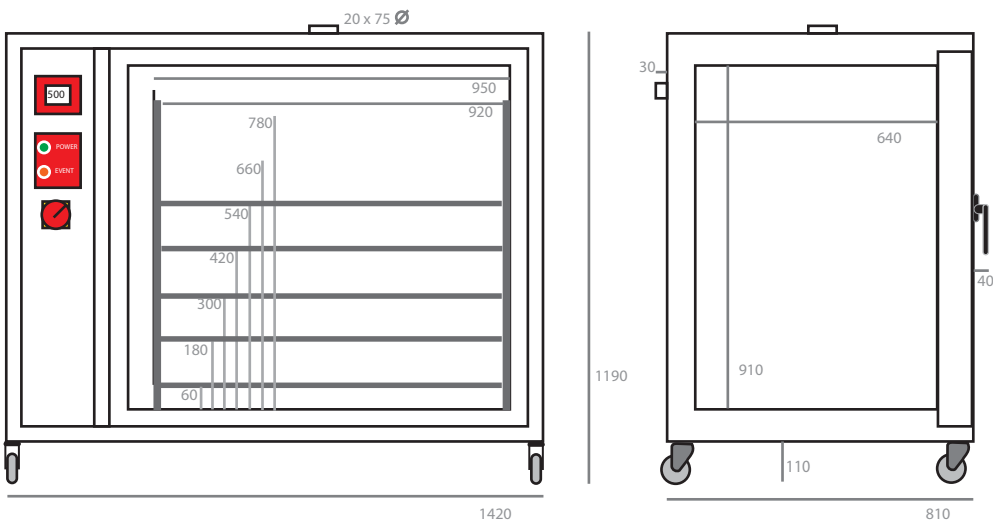
PRO/350H



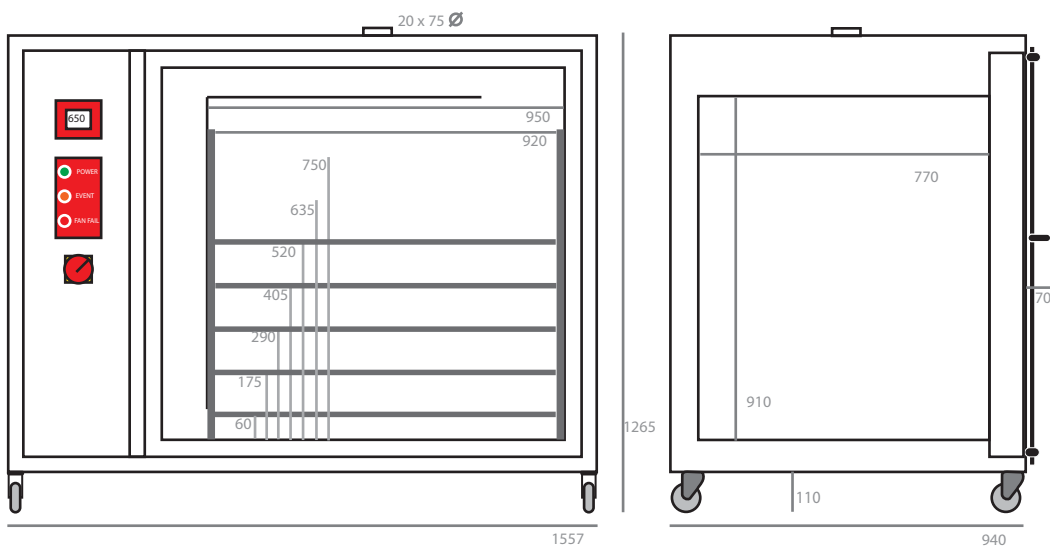
PRO/425H



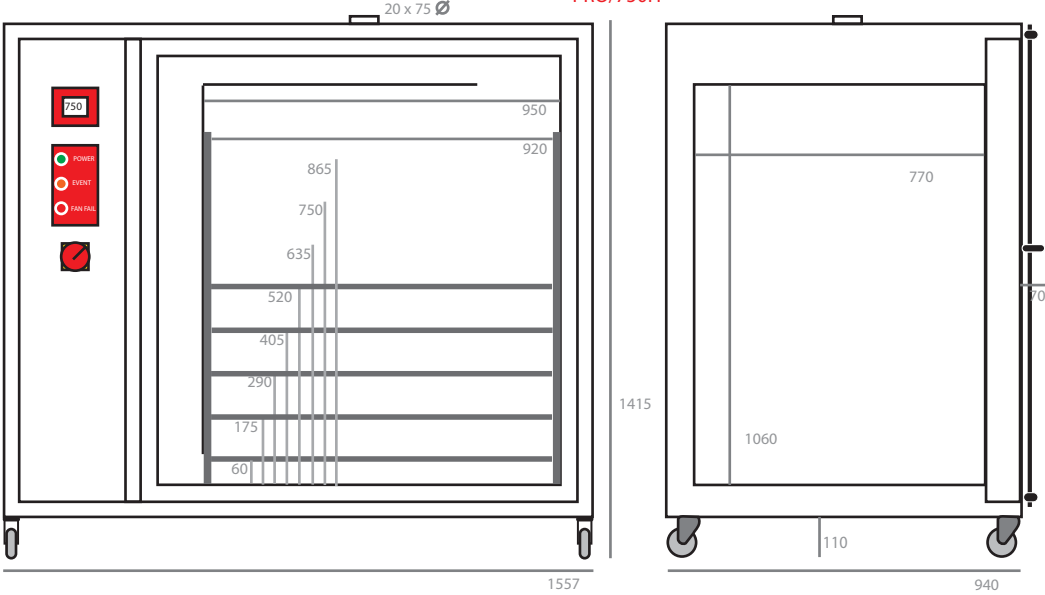
PRO/500H



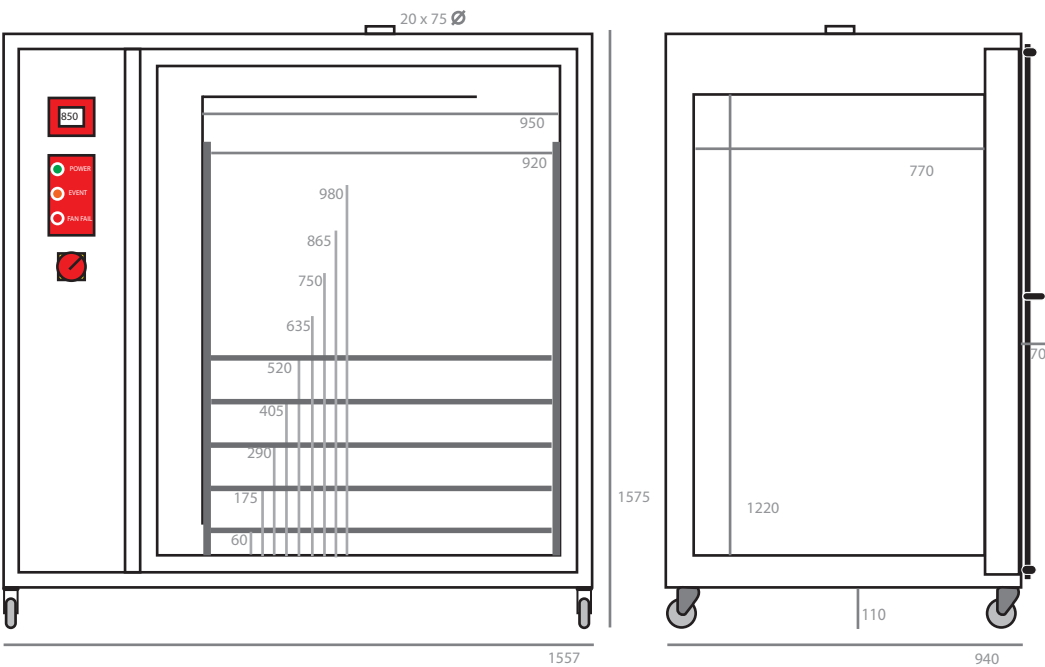
PRO/650H



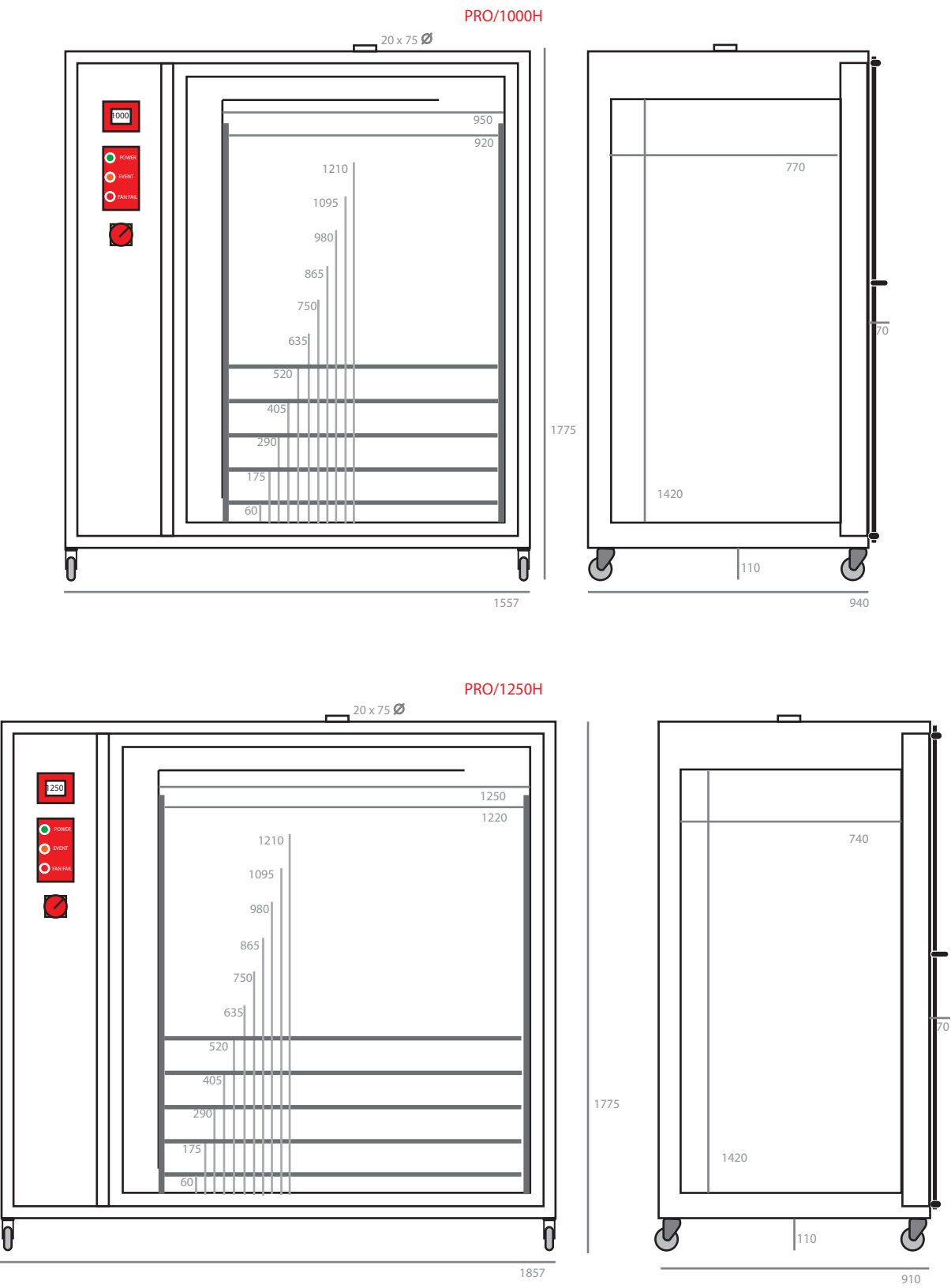
PRO/750H



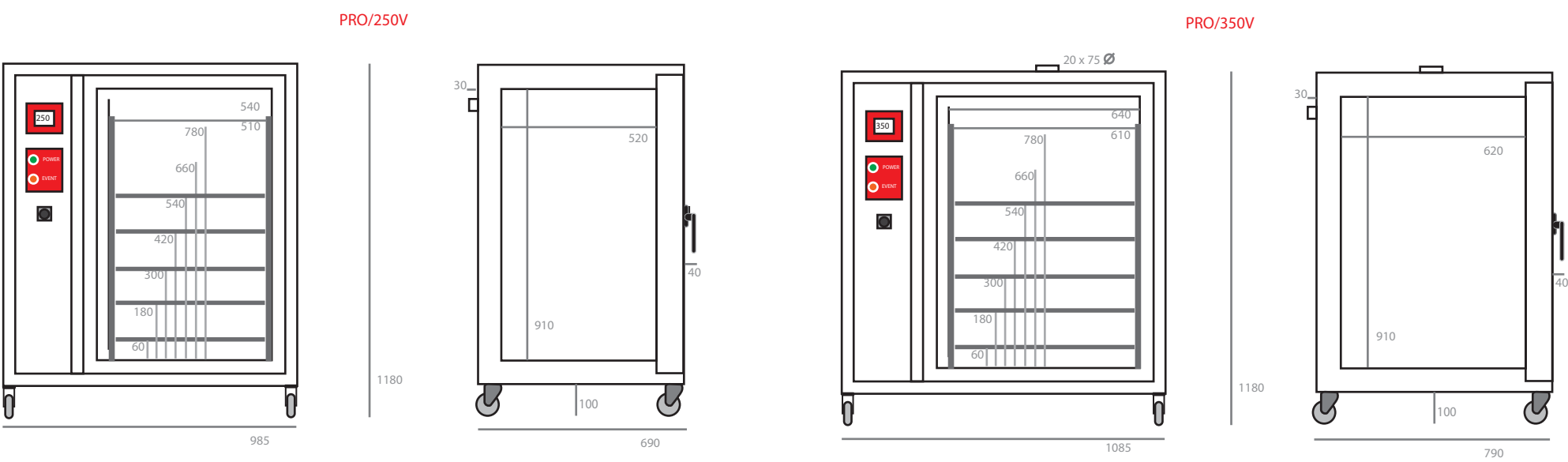
PRO/850H



Dimensions - PRO / H

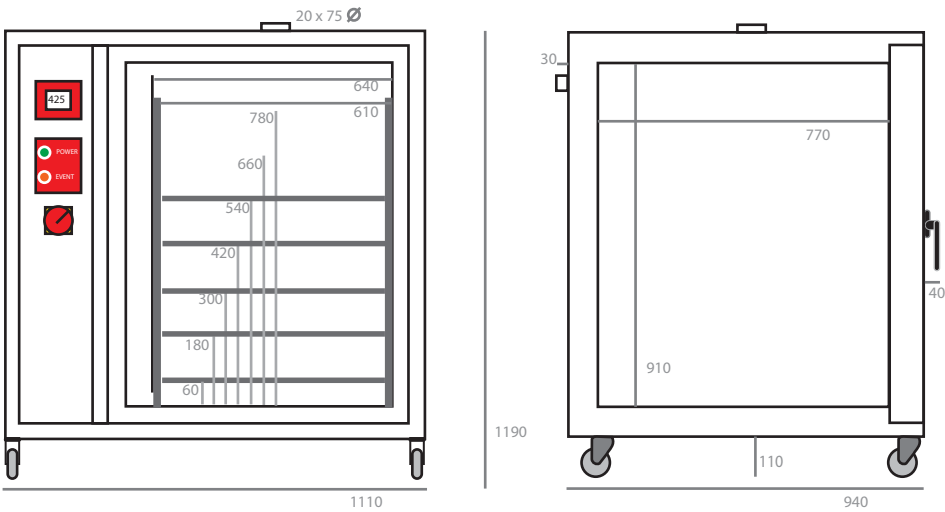


Dimensions - PRO / V

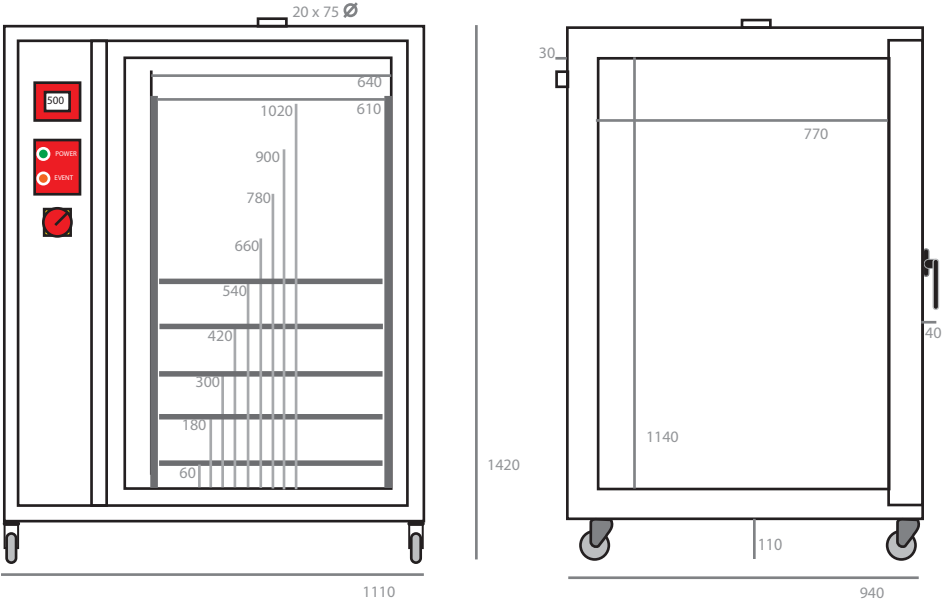


Dimensions - PRO / V

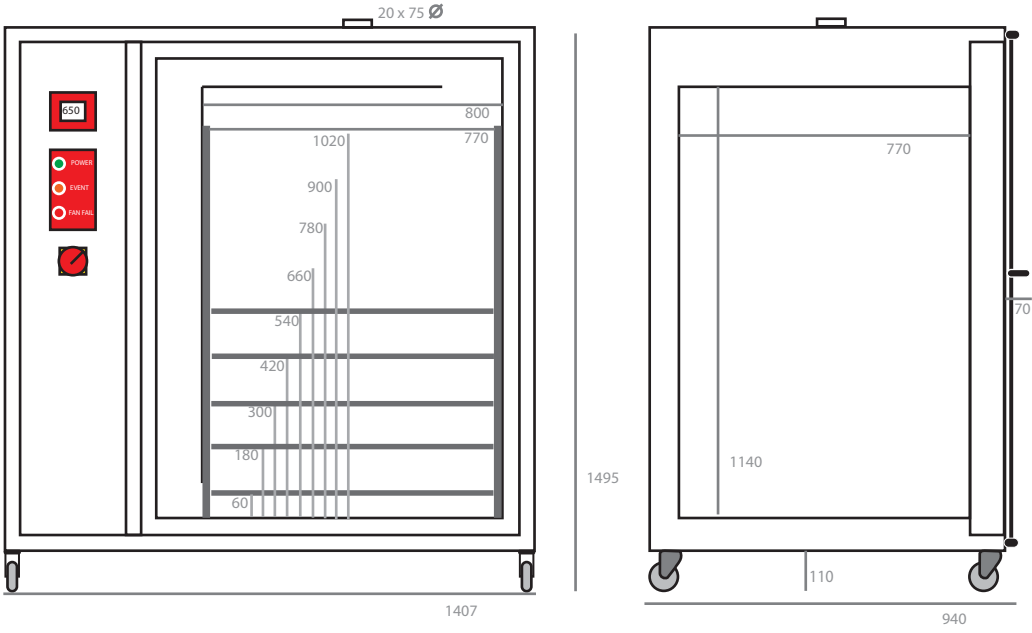
PRO/425V



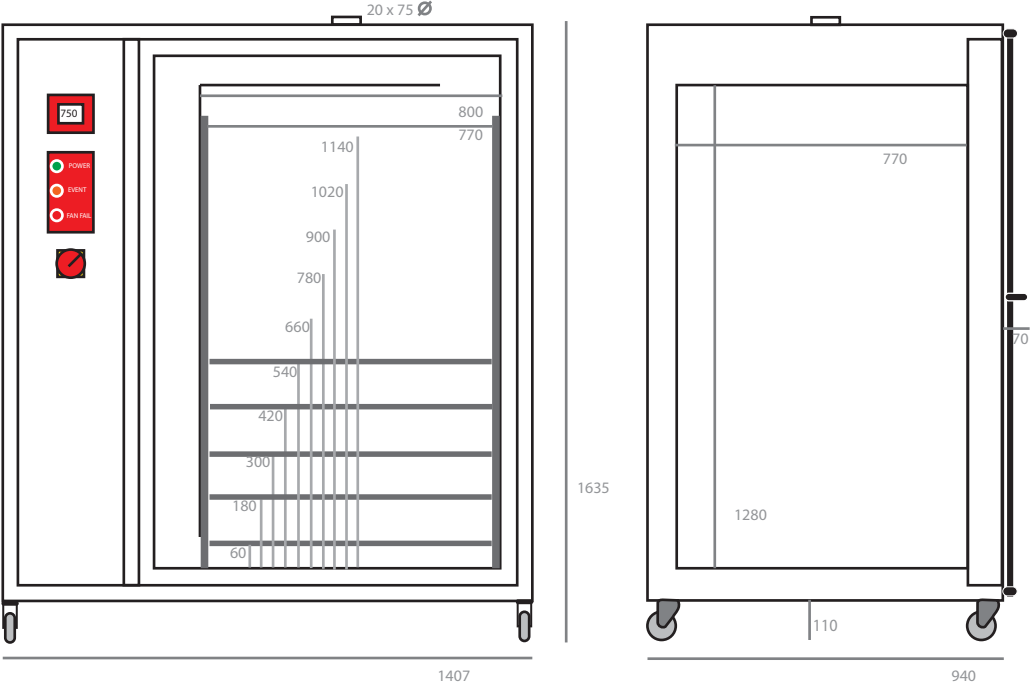
PRO/500V



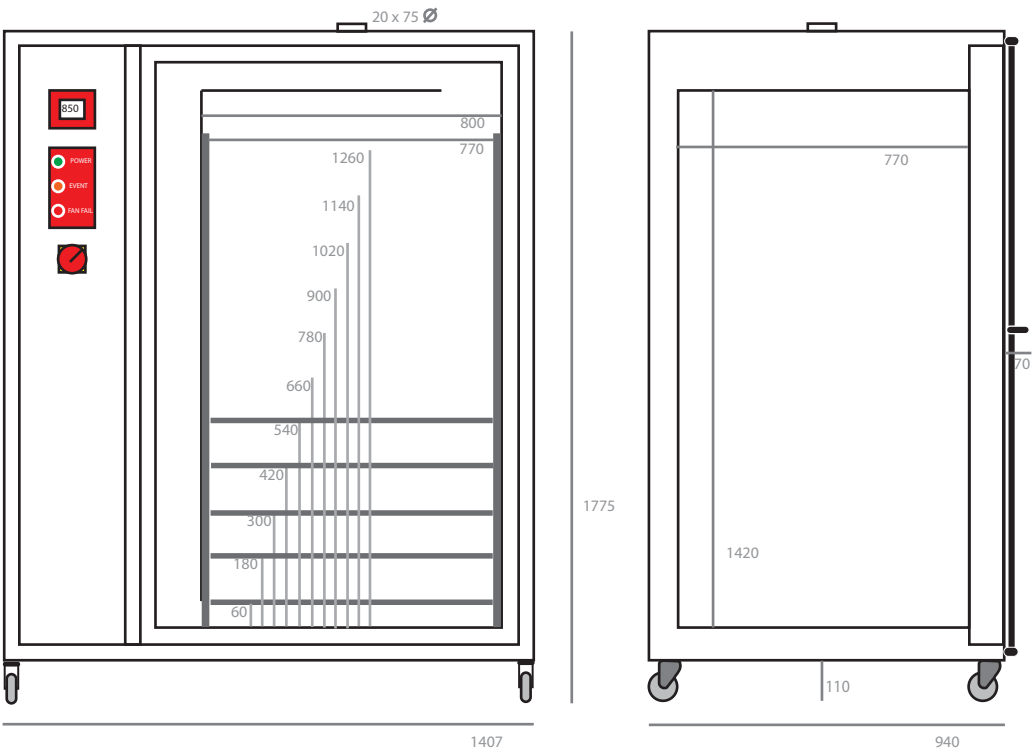
PRO/650V



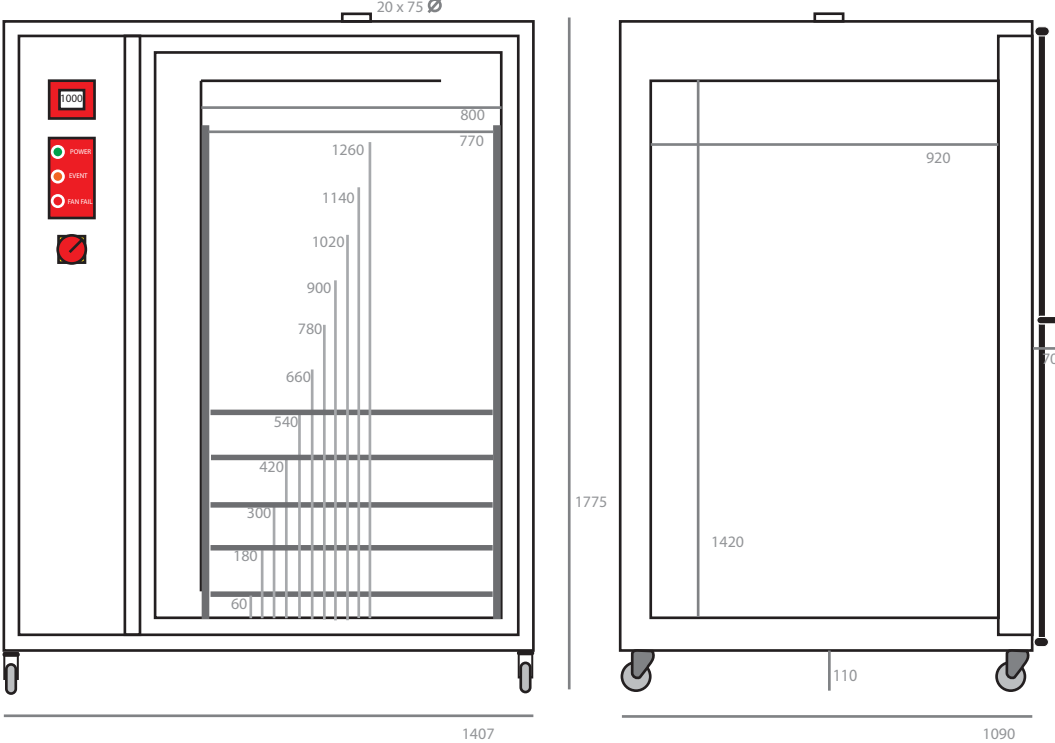
PRO/750V



PRO/850V



PRO/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

