



Moisture Extraction Ovens



Product Codes ..

ME/50/TDIG, ME/75/TDIG, ME/100/TDIG, ME/125/TDIG, ME/150/TDIG, ME/200/TDIG, ME/250/TDIG, ME/350/TDIG, ME/425/TDIG, ME/500/TDIG, ME/650/TDIG, ME/750/TDIG, ME/850/TDIG, ME/1000/TDIG,

Temperature Specifications

| | |
|--------------------|------------------------|
| Working Range | 40°C to 250°C |
| Accuracy | < 0.8°C |
| Resolution | 0.1°C |
| Temperature Sensor | Duplex Pt100B 2+2 wire |
| Display | °C or °F |

| Model | Stability@150°C (+/-°C) | Uniformity @150°C (+/-°C) | Heat Up Time* (Mins) | Recovery Time** (Mins) |
|---------|-------------------------|---------------------------|----------------------|------------------------|
| ME/50 | 0.6 | 4 | 30 | 6 |
| ME/75 | 0.6 | 4 | 30 | 6 |
| ME/100 | 0.6 | 4 | 30 | 6 |
| ME/125 | 0.6 | 4 | 30 | 6 |
| ME/150 | 0.6 | 4 | 35 | 6 |
| ME/200 | 0.6 | 4 | 30 | 6 |
| ME/250 | 0.7 | 4 | 35 | 6 |
| ME/350 | 0.7 | 4 | 35 | 6 |
| ME/425 | 0.7 | 4 | 45 | 6 |
| ME/500 | 0.7 | 4 | 50 | 6 |
| ME/650 | 0.7 | 4 | 35 | 6 |
| ME/750 | 0.7 | 4 | 35 | 6 |
| ME/850 | 0.7 | 4 | 35 | 6 |
| ME/1000 | 0.7 | 5 | 35 | 6 |

* 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 Timer 5000Mins (start/pause on setpoint band) |
| | 8 Stage Profile 8 x 999Mins |
| | Real Time Clock 2 on/off per day |
| Timer Upgrade (Optional, contact supplier for upgrade) | Multi Profile 10 x Stored Profiles |
| | Cyclic Control 1 1 to 10 then infinite |
| | Cyclic Control 2 2 Set Points, selectable hours |
| Language selectable | English/German/Spanish/French/Portuguese |
| Diagnostics | On screen fault analysis |
| Energy Meter | Integral kWh meter |

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 | |
| ME/50 | 230V | 750 | 3.5 | 65 | 85 | 3 Pin IEC Plug |
| ME/75 | 230V | 1000 | 4.5 | 65 | 90 | 3 Pin IEC Plug |
| ME/100 | 230V | 1000 | 4.5 | 70 | 95 | 3 Pin IEC Plug |
| ME/125 | 230V | 1500 | 6.5 | 65 | 90 | 3 Pin IEC Plug |
| ME/150 | 230V | 1500 | 6.5 | 70 | 95 | 3 Pin IEC Plug |
| ME/200 | 230V | 2000 | 8.5 | 75 | 105 | 3 Pin IEC Plug |
| ME/250 | 230V | 2000 | 8.5 | 85 | 120 | 3 Pin IEC Plug |
| ME/350 | 230V | 2500 | 11 | 65 | 85 | 3 Pin IEC Plug |
| ME/425 | 230V | 3000 | 13.5 | 60 | 80 | 3 Pin 16A Plug |
| ME/500 | 230V | 3000 | 13.5 | 55 | 80 | 3 Pin 16A Plug |
| ME/650 | 415V | 6000 | 9 | 70 | 95 | 5 Pin 16A Plug |
| ME/750 | 415V | 6000 | 9 | 70 | 95 | 5 Pin 16A Plug |
| ME/850 | 415V | 6000 | 9 | 70 | 95 | 5 Pin 16A Plug |
| ME/1000 | 415V | 6000 | 9 | 70 | 95 | 5 Pin 16A Plug |

Internal Design

| Model Code | No. of Shelves | | Shelf Size mm | Shelf Rating Kg | Max Oven Load Kg | Additional Shelf Code |
|------------|----------------|-----|------------------|--------------------|---------------------|--------------------------|
| | Standard | Max | | | | |
| ME/50 | 2 | 3 | 356 x 318 | 25 | 60 | A2407 |
| ME/75 | 2 | 3 | 483 x 292 | 25 | 60 | A2408 |
| ME/100 | 3 | 4 | 483 x 406 | 25 | 75 | A2410 |
| ME/125 | 3 | 5 | 483 x 406 | 25 | 75 | A2410 |
| ME/150 | 3 | 5 | 483 x 515 | 25 | 75 | A2450 |
| ME/200 | 4 | 7 | 483 x 515 | 25 | 75 | A2450 |
| ME/250 | 5 | 7 | 508 x 495 | 25 | 100 | A2413 |
| ME/350 | 5 | 7 | 610 x 610 | 25 | 100 | A2425 |
| ME/425 | 5 | 7 | 762 X 610 | 25 | 125 | A2438 |
| ME/500 | 5 | 9 | 762 X 610 | 25 | 150 | A2438 |
| ME/650 | 5 | 9 | 762 X 762 | 25 | 150 | A2442 |
| ME/750 | 5 | 10 | 762 X 762 | 25 | 150 | A2442 |
| ME/850 | 5 | 11 | 762 X 762 | 25 | 150 | A2442 |
| ME/1000 | 5 | 11 | 762 X 915 | 25 | 150 | A2463 |

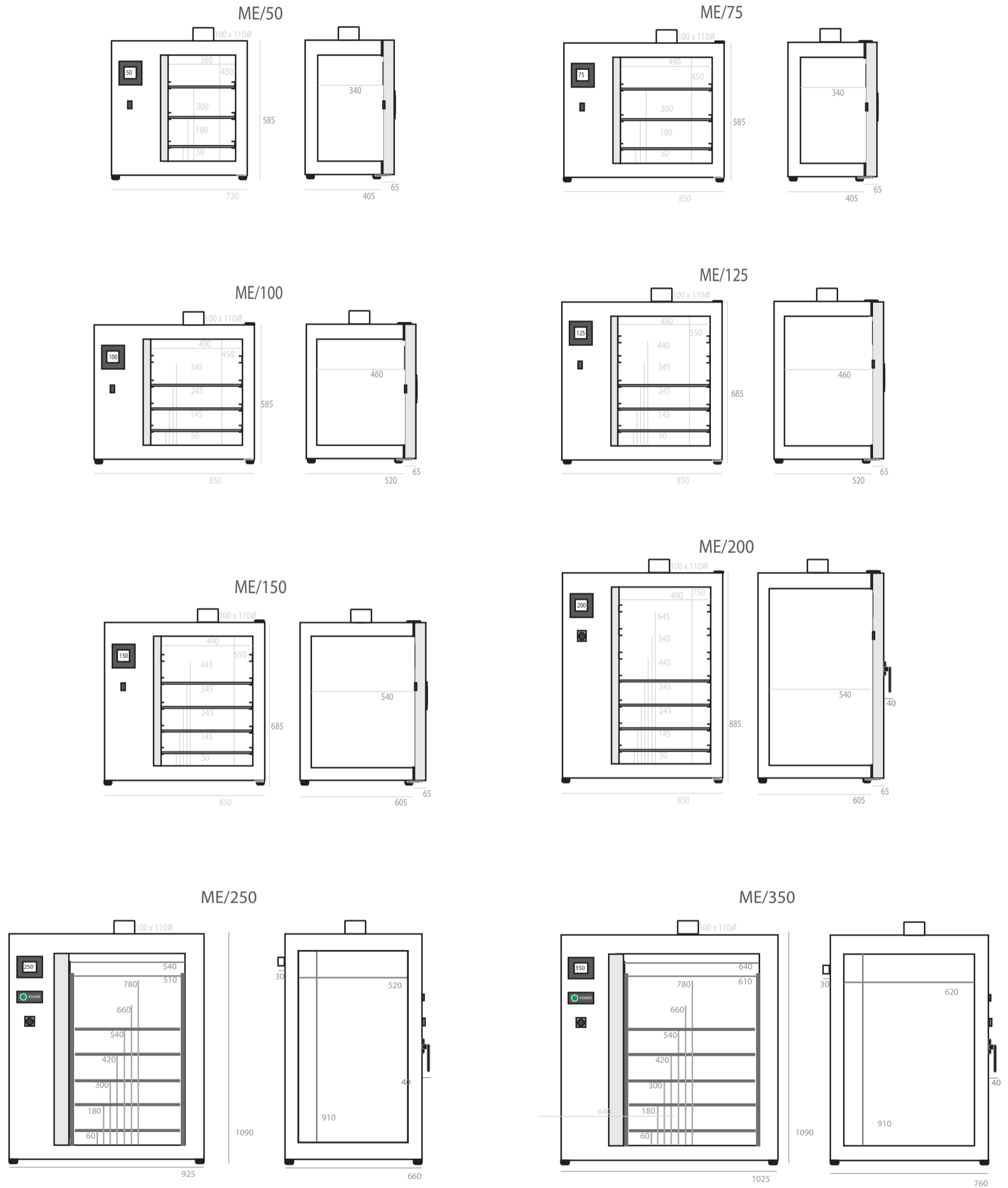
Build Construction

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

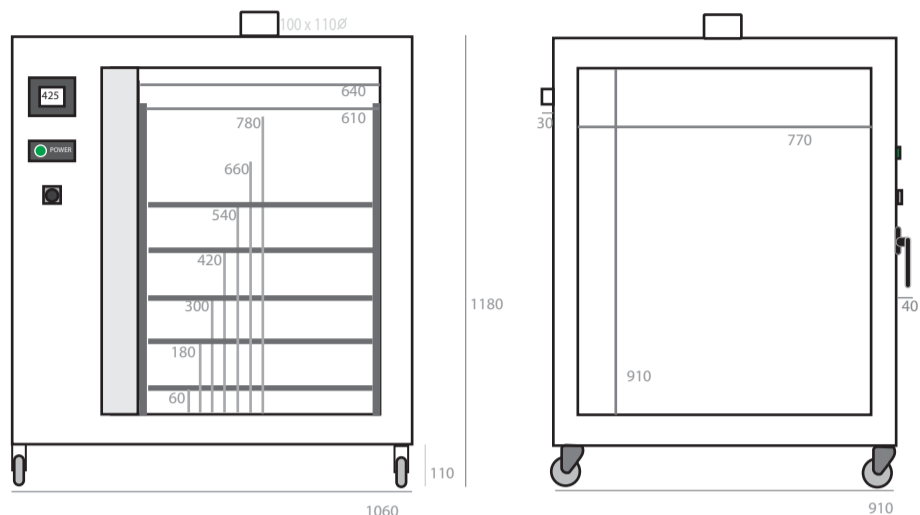
*All technical data is specified when tested at an ambient of 20°C

Dimensions - Moisture Extraction Ovens

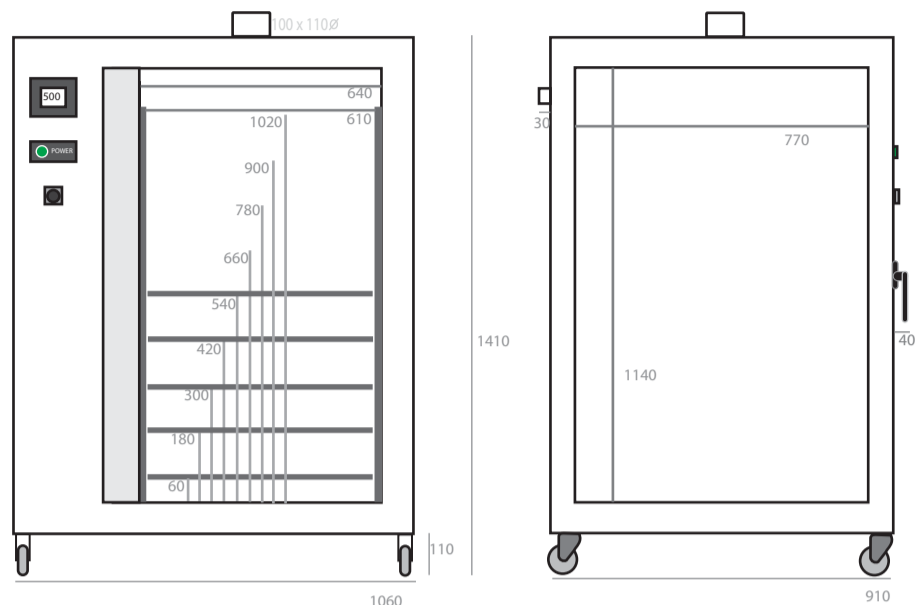


Dimensions - Moisture Extraction Ovens

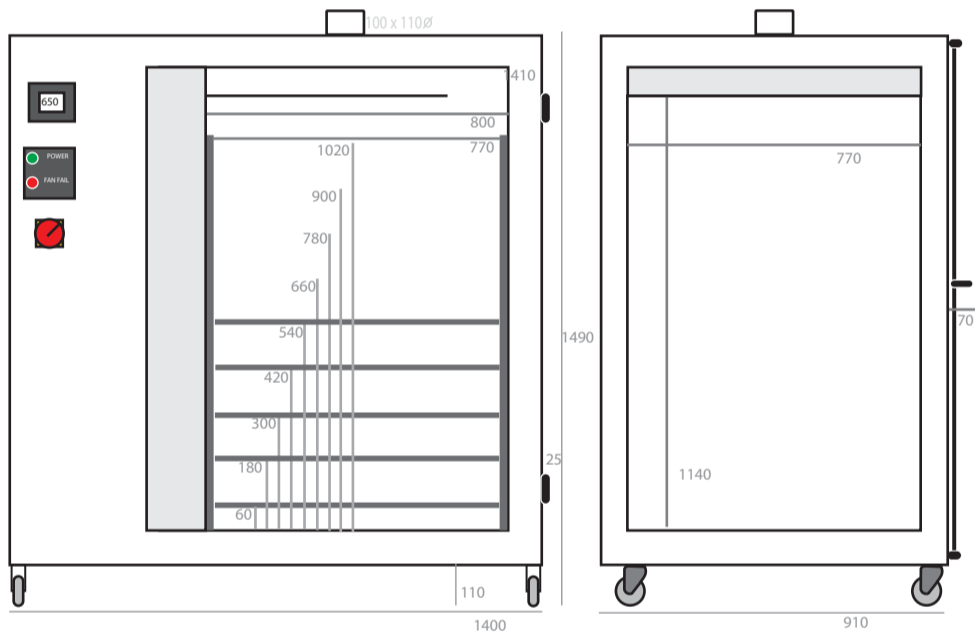
ME/425



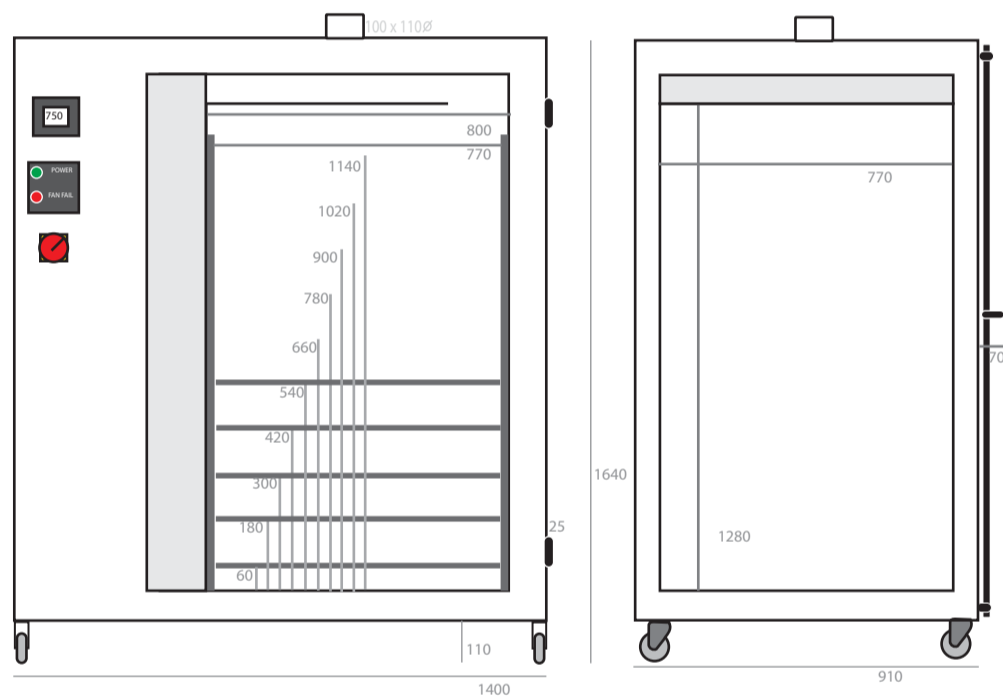
ME/500



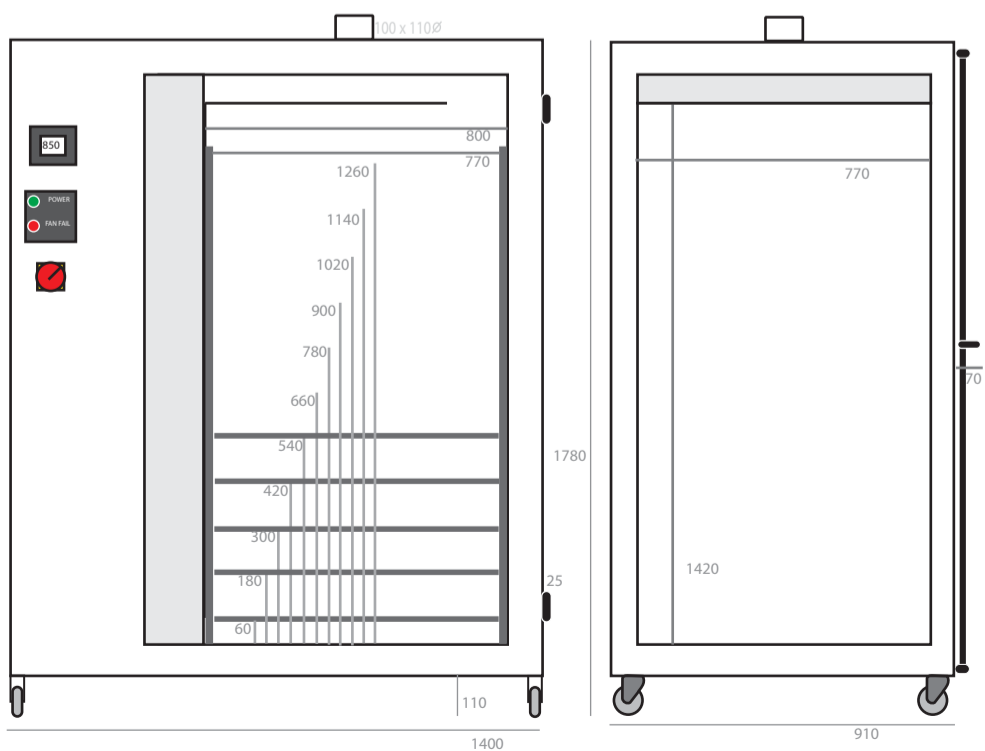
ME/650



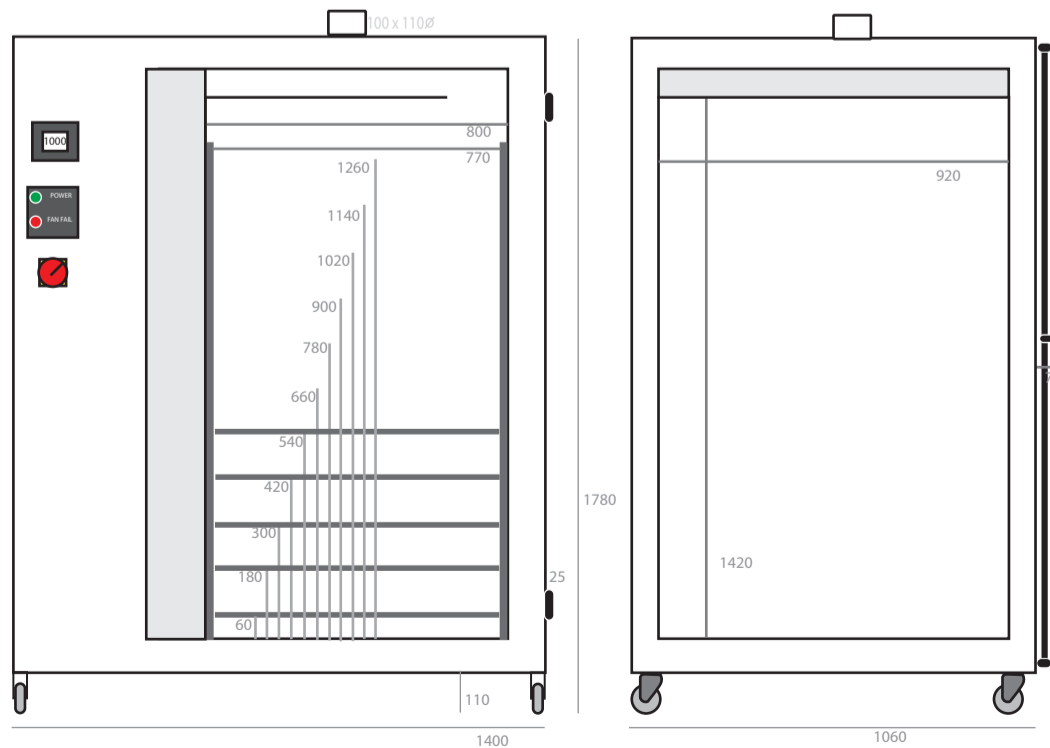
ME/750



ME/850



ME/1000





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

