

ITEM:
MODEL:
PROJECT:
QTY:

Model: EDSS-480

Code: 11216E01-0-M-M

Description: Exige 240+240L Combi SST, R290, 4 Wire shelves, Locks



Main Features

- Solid doors
- Stainless steel finishing
- Dual temperature
- Access port Ø27 mm
- Adjustable operating temp., set at -20 °C and +5 °C
- Electronic controller with digital display
- Optional connection with Dialog IoT
- Interior to fit both shelves and drawers
- Stainless steel telescopic legs

Alarms & Warnings

- Door open (after 2 minutes)
- High temperature
- Low temperature
- Power failure, when power returns or immediate for devices with battery

Compliance

- ATEX (EN 60079-0:2015 & EN 60079-7:2015)
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility (EMC)
- Ecodesign & Energy Labelling (coming)

Included Accessories

- 4 Wire shelves 650 x 530 mm (code 246502010)
- 4 Pairs of sliders for shelves (code 2607160018)

Exige dual temperature cabinets are designed to meet the highest standards for the safe storage of samples, vials, specimen cultures and other lab preparations in both temperature ranges from -18 °C to -25 °C and +2 °C to +16 °C, ideal for storage flexibility and space optimization.

Operation

- R290 natural refrigerant gas (HCFC and CFC free)
- Built-in refrigeration unit
- Monobloc cooling unit
- Cooling unit frontal access for service
- Forced draft condensation and evaporation
- Automatic and manual defrost by hot gas
- Automatic evaporation of the defrost water
- Coated evaporator for corrosion resistance
- Even air distribution through back of the cabinet
- Temperature stability ± 3 °C
- Climate class 5 (ambient temperature 40°C and 40% RH) and climate class 7 (ambient temperature 35°C and 75% RH)

Controller

- Electronic controller featuring digital display and flat touch keypad for easy use
- Permanent monitoring of temperature
- Audible alarms in case of alarms and warnings
- Adjustable operating temperature
- Upper section factory set operating temperature -20 °C
- Lower section factory set operating temperature +5 °C

Exterior

- Solid doors
- Front and lateral panels in stainless steel
- External back and bottom panels in galvanized grey steel
- Lock with 2 keys
- Self-closing door with automatic hold-open at 100°
- Right-hand hung doors
- Reversible door hinges (as option or on-site)
- Handle with antibacterial coating
- Adjustable telescopic stainless steel legs (127/210 mm)
- $\varnothing 27$ mm access port for external temperature sensor

Interior

- Eco-friendly, high density polyurethane insulation, 80 mm thick
- Pressed bottom and radius corners for a hygienic inner cell
- Hygienic interior made from smooth AISI 441 stainless steel
- Easy to clean magnetic sealing gaskets, replaceable without tools
- Different storage temperatures in the same space
- Supplied with 4 wire shelves
- Wire shelf usable area 650 x 530 mm
- Máx. load per shelf 30 kg
- 11 Max. level racking (pitch 90 mm)
- Possibility to combine drawers and shelves according to needs
- Heavy-duty interior

Available Options

| AREA | LETTER | DESCRIPTION | AREA | LETTER | DESCRIPTION |
|------|--------|---|------|--------|------------------------|
| I | A | Swivel castors (Ø 80 mm, H 110 mm) | II | V | Plug type J (SEV 1011) |
| II | B | Safety thermostat (Antifreeze) | III | A | White drawer |
| II | C | DIN 13277 IoT kit | III | B | Left hand hung door |
| II | D | Plug type G (BS1363) | III | E | Wire shelves |
| II | G | Automatic voltage regulator (AVR) w/ timer | III | F | Drawers aluminium |
| II | M | R290 | III | G | SST perforated shelves |
| II | T | Plug type I (AS/NZS 3112) | III | M | Locks |

Optional Accessories

- Medicine white drawers with sliders (code 2608551095)
- Aluminium drawers with sliders (code 2608551096)
- Wire shelf 650 x 530 mm (code 246502010)
- Stainless steel perforated shelves (code 2608551093)
- Pair of sliders for shelves (code 2608551018)

Technical specifications

Key data

| | | | |
|--------------|----------|---------------|-----|
| Model | EDSS-480 | Sector | Lab |
|--------------|----------|---------------|-----|

Measurements

| | | | |
|---|---------------|------------------------|--------------|
| External width | 720 mm | Internal width | 560 mm |
| External depth / with open doors | 850 / 1517 mm | Internal depth | 680 mm |
| External height | 2057 mm | Internal height | 1430 mm |
| Height adjustment | 127 / 210 mm | Door hinges | Right hinges |
| Gross volume | 240 L + 240 L | | |

Shipping data

| | | | |
|----------------------|--------|------------------------|---------------------|
| Packed weight | 146 kg | Shipping volume | 1,57 m ³ |
|----------------------|--------|------------------------|---------------------|

Technical data

| | | | |
|---|--------------------|----------------------------------|-------------------------------|
| Operating temperature | -20 °C +5 °C | Temperature range | -18 °C -25 °C +2 °C +16 °C |
| Cooling power (T _e -25 °C T _c +45 °C) | 690 W | Average relative humidity | -- |
| Power supply | 220-240 V / 50 Hz | Input power | 550 W / 2,90 A |
| Plug type | F (schuko) | Defrost type | Hot gas |
| Operating mode | Auto, forced draft | Sound level | -- |

Refrigerant data

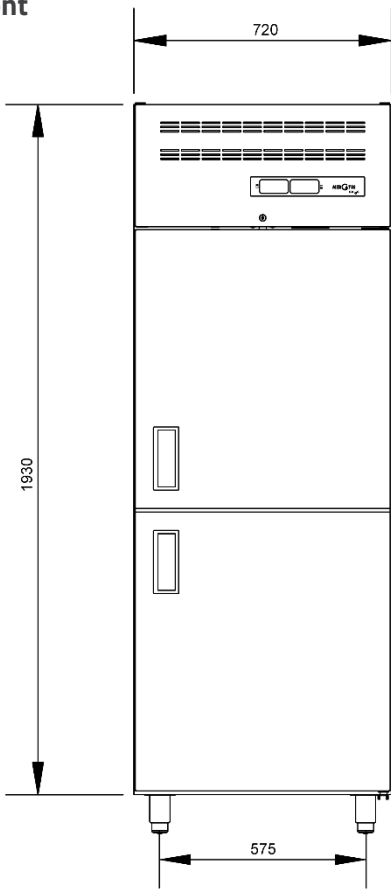
| | | | |
|-------------------------------|--------|---------------------------|----------|
| Refrigerant fluid /GWP | R290/3 | Refrigerant charge | 0,120 kg |
|-------------------------------|--------|---------------------------|----------|

Efficiency data

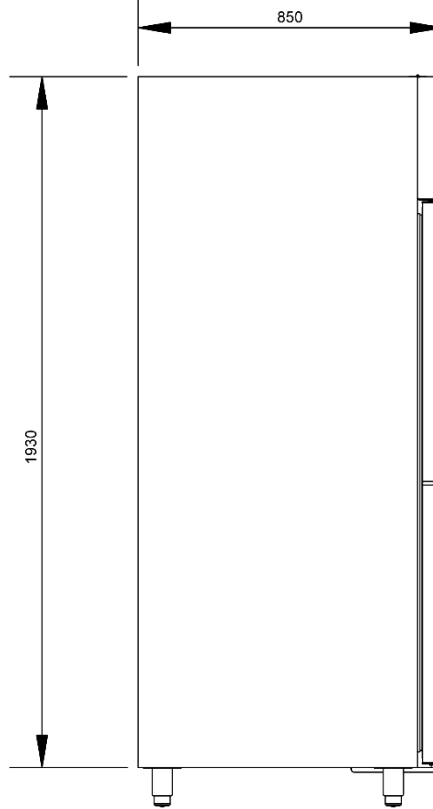
| | | | |
|--|---------------|--|---|
| Daily Energy Consumption (E24h) | 10,60 kWh | Climate class | 5 |
| Annual Energy Consumption (AEC) | 3869 kWh | Climate class (DIN 13277:2022) | 7 |
| Net volume | 210 L + 210 L | | |

Technical drawings

Front



Side



Top

