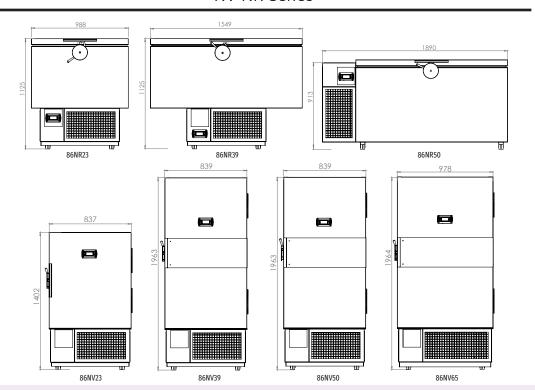
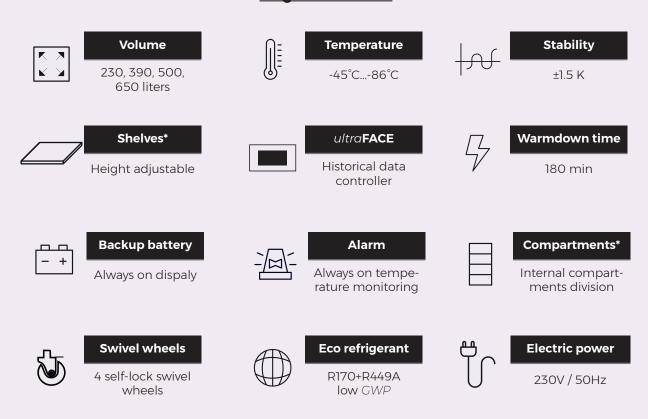


Ultra low freezer

NV-NR Series



EQUIPMENT



* only for upright models

| Model code | 86NV23 | 86NV39 | 86NV50 | 86NV65 | 86NR23 | 86NR39 | 86NR50 | | | |
|---|----------------------------------|-----------------|-------------------|---------|--------|------------|--------|--|--|--|
| Temperature data | | | | | | | | | | |
| Temperature range [°C] | | | | -4586 | | | | | | |
| Temperature fluctuation at -80°C [± K] | 1.5 | | | | | | | | | |
| Warm-up time during power failure from -80 °C to -60 °C [min] | 140 | | | | | | | | | |
| Warm-down time from 0 °C to −80 °C [min] | 180 | | | | | | | | | |
| Structure and insulation | | | | | | | | | | |
| Disposition | | Upr | ight | | | Chest | | | | |
| Exterior material | Phosphated sheet steel | | | | | | | | | |
| Internal material | AISI 304 Stainless Steel | | | | | | | | | |
| Insulation | CFC and HCFC free - 140 mm max. | | | | | | | | | |
| Shelf grill | | Removable and I | height adjustable | | | no shelves | | | | |
| Alarm and security | | | | | | | | | | |
| Type alarm | Audio-visual | | | | | | | | | |
| Alarm parameter | Hot temperature | | | | | | | | | |
| Remote connection | | | | • | | | | | | |
| Data storage | by micro-usb | | | | | | | | | |
| Security device | Alarm system with backup battery | | | | | | | | | |
| Data Dimension | | | | | · | | | | | |
| Net Interior volume [l] | 230 | 390 | 500 | 650 | 230 | 390 | 500 | | | |
| Net weight unit (without load) [Kg] | 200 | 280 | 320 | 390 | 190 | 270 | 310 | | | |
| Interior Dimension | | | | | | | | | | |
| Width [mm] | 610 | 610 | 600 | 740 | 760 | 1310 | 1310 | | | |
| Depth [mm] | 500 | 500 | 630 | 670 | 600 | 610 | 600 | | | |
| Height [mm] | 760 | 1310 | 1310 | 1310 | 500 | 500 | 630 | | | |
| Exterior Dimension | | | | | | | | | | |
| Width [mm] | 840 | 840 | 840 | 980 | 1000 | 1550 | 1890 | | | |
| Depth [mm] | 750 | 750 | 880 | 900 | 840 | 840 | 840 | | | |
| Height [mm] | 1420 | 1970 | 1970 | 1970 | 1000 | 1090 | 910 | | | |
| Interior Shelves | | | | | | | | | | |
| Fixed shelves [n°] | 1 | 1 | 1 | 1 | | - | | | | |
| Adjustable shelves [n°] | 2 | 3 | 3 | 3 | | - | | | | |
| Total shelves [n°] | 3 | 4 | 4 | 4 | | - | | | | |
| Usable area, Width x Depth [mm] | 440x590 | 440x590 | 570x590 | 730x660 | | - | | | | |
| Maximum load per shelf [Kg] | 50 | 50 | 50 | 50 | | - | | | | |
| Compartments | | | | | | | | | | |
| Interior compartment doors [n°] | 2 | 4 | 4 | 4 | 1 | 1 | 1 | | | |
| Rack for cryoboxes data | | | | | | | | | | |
| Total capacity of rack [n°] | 8 | 16 | 16 | 20 | 20 | 26 | 36 | | | |
| Total capacity of cryoboxes 5.1 H size [n°] | 144 | 240 | 320 | 400 | 160 | 288 | 360 | | | |
| Total capacity of cryoboxes 7.7 H size [n°] | 96 | 144 | 192 | 240 | 100 | 180 | 360 | | | |

All technical data are specified for units with standard equipment at an ambient temperature of 25 $^{\circ}$ C and a voltage fluctuation of ± 10 %.

| Model code | 86NV23 | 86NV39 | 86NV50 | 86NV65 | 86NR23 | 86NR39 | 86NR50 |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|
| Sound pressure level | | | | | | | |
| Sound pressure level [dB] | · | | | 58 | | | |
| Electrical Data | | | | | | | |
| Rated Voltage [V] | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| Power Frequency [Hz] | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Nominal Power [kW] | 0.8 | 1.55 | 1.55 | 1.55 | 0.8 | 1.55 | 1.55 |
| Unit Fuse [A] | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Phase (Nominal voltage) | 1~ | 1~ | 1~ | 1~ | 1~ | 1~ | 1~ |

Main Options

- ASMS100 Remote notification alarm via text message
- DPS100 Surge protection device for regulating and circuit control
- **ST100** Incorporated voltage stabilizer system
- UPS100 Uninterruptible power supply
- BA0188 Weekly circular chart temperature recorder, including 50 papers and 2 pens
- **RS485** RS485 Serial interface for remote connection
- RS485/USB RS485/USB interface converter
- RS232 RS232 Serial interface for remote connection
- ETH100 Ethernet interface for remote connection
- SND20T additional Pt 100, with flexible cable installed with external connection
- **BK201** Security backup system with CO2
- LN200 Security backup system with LN2

- RFG100 Security refrigerant system
- RFID100 Restricted access door with traceability by smart card
- 86NV-S2 Double access door
- **VRACK** Chamber stainless steel rack for cryoboxes
- IQ-OQ-100 Qualification IQ/OQ
- PAC00 Wooden crate packaging
- PAW00 Wooden boxes packaging
- FA100C Access cables port with plug
- GP100 Additional shelf
- GP100R Additional reinforced shelf
- **TE110** Power supply 110 V 50-60 Hz

For the full options availability go to: bit.ly/2n93xRT

Click and go to the website



All technical data are specified for units with standard equipment at an ambient temperature of $\pm 10^{\circ}$ C and a voltage fluctuation of $\pm 10^{\circ}$ M.