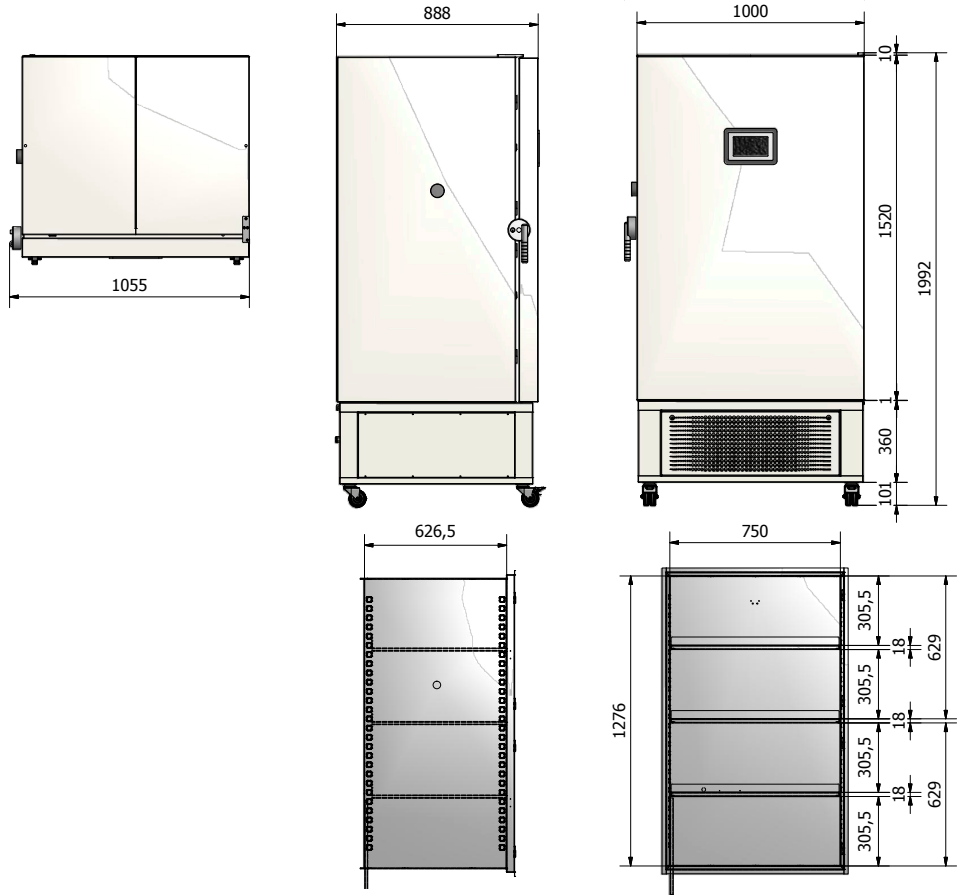




|                                    |  |
|------------------------------------|--|
| Type                               | Upright  |
| Volume total                       | 600 litre  |
| Usable volume 2/4 compartments     | 559/550 litre  |
| Storage capacity 2" boxes          | 440  |
| External dimensions                | 1055/1000 x 888 x 1992 mm  |
| Internal dimensions                | 750 x 626,5/592 x 1276 mm  |
| Compartments/inner doors/platforms | 4/2/3 in height adjustable   |
| Main door                          | With lock and keys   |
| Inner doors                        | Stainless steel, insulated   |
| Material internal/external         | Stainless Steel/Epoxy Coated steel   |
| Placed on                          | Heavy duty castors, in front with brakes   |
| Insulation                         | Polyurethane   |
| Cooling                            | Two (2) cascade connected compressors  |
| Refrigerants                       | First stage: R455A/Second stage: R170  |
| Condenser                          | Air-cooled   |
| Temperature adjustments            | -50°C till -86°C (other range; on request)   |
| Controller                         | Web-based  |
| Display                            | 7" Touchscreen in main door at eye level   |
| Temperature history                | On display with scroll function  |
| Data storage                       | At least 12 months   |
| Temperature sensors                | PT1000   |
| Backup battery                     | Alarming and monitoring during power failure   |
| Alarming                           | Optical and acoustic, but also possible via E-Mail   |
| Communication                      | Telephone dialling activation system<br>Potential (Voltage) free contact<br>RJ45 (Ethernet) connection<br>USB connection |
| Software                           | I-freeze   |
| CO <sub>2</sub> -backup system     | Partially prepared   |
| Transit/vacuum release             | Ø 26 mm/vacuum release situated in transit   |
| Cable entry ports                  | Two (2)  |
| Compressor room                    | Well-arranged layout and very easy filter exchange   |
| Requirements                       | 220/240 VAC, 50 Hz, fuse 16 Amp. slow  |
| Power and current rating           | 1054 VA/950 W/5,0 Amp.   |
| Energy consumption                 | 12,2 kWh/24h   |
| Heat exchange                      | 0,48 kW/h  |
| Noise level                        | 54 dBA   |
| Net weight                         | 360 kg   |
| CE certified                       | EN61010-1:2010, EN60601-1-2:2007   |

**OPTIONS**

- Hybride Cooling System
- Water cooling
- CO<sub>2</sub>-backup system
- LN<sub>2</sub>-backup system
- Extended backup system
- Temperature chart recorder
- Voltage stabilizer
- Transformer
- IQ/OQ/PQ
- Electronic lock main door
- Padlock on main door
- Left hinged door(s)
- 3, 4, 5 or 6 compartments/inner doors
- Inner doors lockable by key
- Levelling feet
- Alarming by texting and/or phone
- Sliding shelves with hinged front
- Drawers in Aluminium or Stainless Steel
- Racking systems in Aluminum or Stainless Steel
- Cryo Boxes
- Cryo Gloves



**DRAWER RACKING SYSTEM\*1**

| Model #        | Comp. | # Racks | # Boxes per rack | Total boxes 133x133 | Total plates 128x85 | Max. height box |
|----------------|-------|---------|------------------|---------------------|---------------------|-----------------|
| DSA-7336-136G  | 4     | 20      | 42               |                     | 840/980*2           | 33 mm           |
| DSA-5504-136G  | 4     | 10      | 20               | 440*2               | 660/770*2           | 50 mm           |
| DSA-6504-136G  |       | 10      | 24               |                     |                     |                 |
| DSA-11524-136G | 2     | 10      | 44               | 440                 | 660/770*2           | 52 mm           |
| DSA-5534-136G  | 4     | 20      | 20               | 400                 | 600/700*2           | 53 mm           |
| DSA-7844-136G  | 2     | 10      | 28               | 280                 |                     | 84 mm           |
| DSA-3914-136G  | 4     | 20      | 12               | 240                 |                     | 91 mm           |
| DSA-21284-136G | 4     | 20      | 8                | 160                 |                     | 128 mm          |

\*1 other dimensions on request. \*2 only on request.

**SIDE ACCESS RACKS**

| Model #   | Comp. | # Racks | # Boxes per rack | Total boxes 133x133 | Maximum height box |
|-----------|-------|---------|------------------|---------------------|--------------------|
| HR-4-6-45 | 4     | 20      | 24               | 480                 | 45 mm              |
| HR-4-5-53 | 4     | 20      | 20               | 400                 | 53 mm              |
| HR-4-3-76 | 4     | 20      | 12               | 240                 | 76 mm              |
| HR-5-FLEX | 4     | 20      | 20/12            | 400/240             | 55/95 mm           |