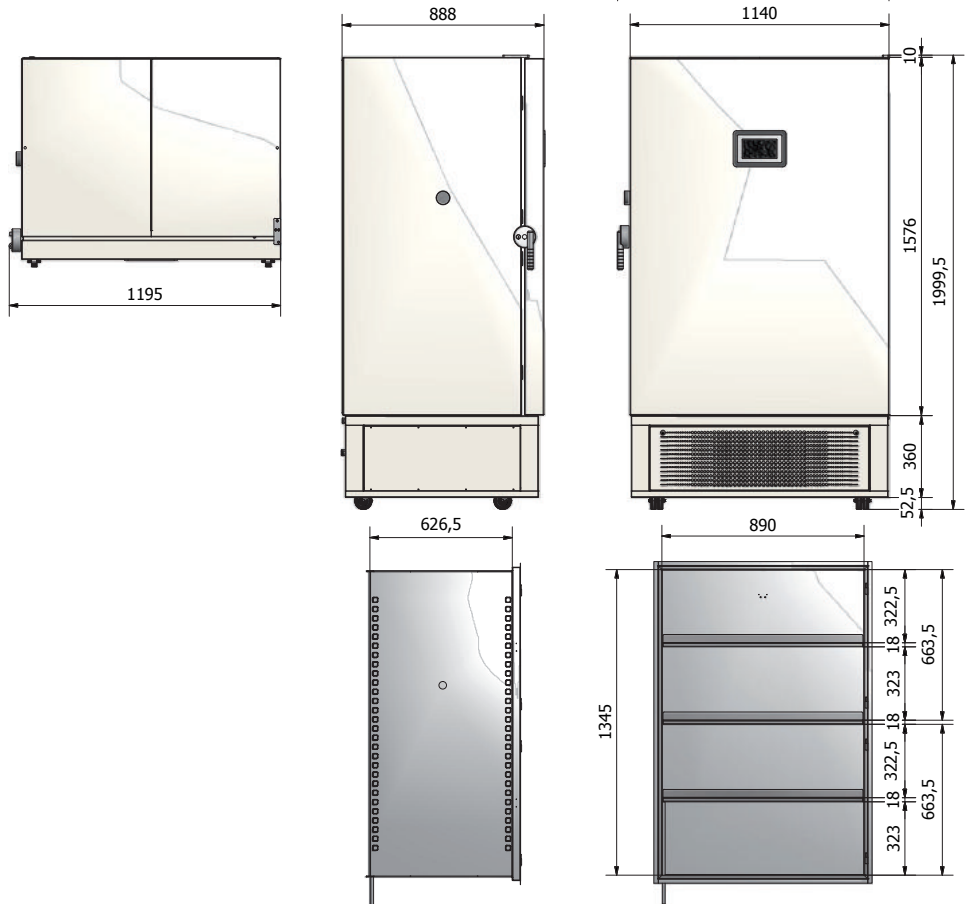




| | |
|-------------------------------------|--|
| Type | Upright |
| Volume total | 750 litre |
| Usable volume 2/4 compartments | 700/691 litre |
| Storage capacity 2" boxes/50 mm | 576 |
| External dimensions | 1140/1195 x 888 x 1999,5 mm |
| Internal dimensions | 890 x 626,5/592 x 1345 mm |
| Compartments/inner 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 with levelling feet |
| Insulation | Polyurethane |
| Cooling | Two (2) cascade connected inverter compressors |
| Refrigerants | First stage: R290/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 Potential (Voltage) free contact RJ45 (Ethernet) connection USB connection |
| Software | I-freeze |
| CO ₂ -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 | 465 VA/410 W/2,9 Amp. |
| Energy consumption (Setpoint -80°C) | 9,9 kWh/24h |
| Heat exchange | 0,28 kW/h |
| Noise level | 48 dBA |
| Net weight | 380 kg |
| CE certified | EN61010-1:2010, EN60601-1-2:2007 |

| OPTIONS |
|--|
| Hybride Cooling System |
| Water cooling |
| CO ₂ -backup system |
| LN ₂ -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 |
| 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-8336-136G | 4 | 24 | 48 | | 1152/1344*2 | 33 mm |
| DSA-5504-136G | 4 | 6 | 20 | 552*2 | 828/966*2 | 50 mm |
| DSA-6504-136G | | 18 | 24 | | | |
| DSA-12504-136G | 2 | 12 | 48 | 576 | 864/1008*2 | 50 mm |
| DSA-D212504-136G | 2 | 6 | 96 | 576 | 864/1008*2 | 50 mm |
| DSA-5534-136G | 4 | 12 | 20 | 528*2 | 792 / 924*2 | 53 mm |
| DSA-6534-136G | | 12 | 24 | | | |
| DSA-7844-136G | 2 | 12 | 28 | 336 | | 84 mm |
| DSA-D27844-136G | 2 | 6 | 56 | 336 | | 84 mm |
| DSA-31004-136G | 4 | 24 | 12 | 288 | | 100 mm |
| DSA-21284-136G | 4 | 24 | 8 | 192 | | 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 | 24 | 24 | 576 | 45 mm |
| HR-4-5-53 | 4 | 24 | 20 | 480 | 53 mm |
| HR-4-3-76 | 4 | 24 | 12 | 288 | 76 mm |
| HR-5-FLEX | 4 | 24 | 20/12 | 480/288 | 55/95 mm |

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