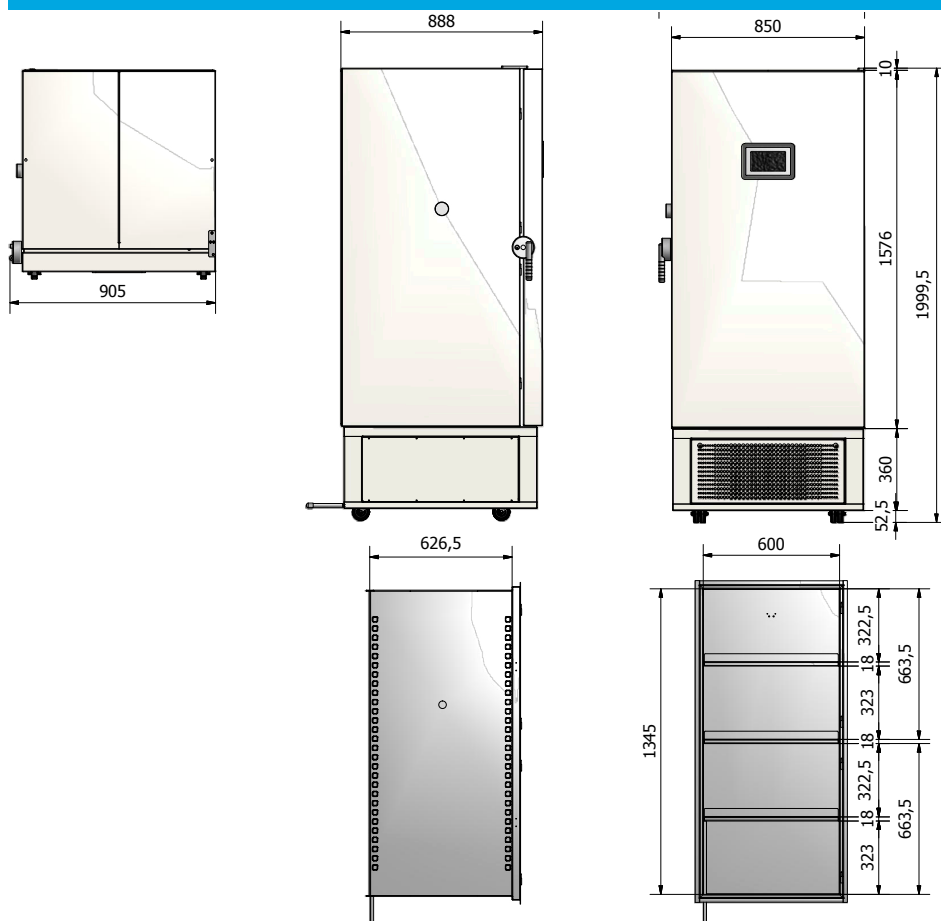




Type	Upright
Volume total	506 litre
Usable volume 2/4 compartments	472/466 litre
Storage capacity 2" boxes	384
External dimensions	905/850 x 888 x 1999,5 mm
Internal dimensions	600 x 626,5/592 x 1345 mm
Compartments/inner doors/platforms	4/2/3 in height adjustable
Main door	With lock and keys
Inner doors	Stainless steel, insulated
Material internal/external	Stainless Steel/Epoxy Coated steel
Placed on	Heavy duty castors with levelling feet
Insulation	Polyurethane and vacuumed insulated panels
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 Potential (Voltage) free contact RJ45 (Ethernet) connection 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	1020 VA/960 W/4,8 Amp.
Energy consumption	11,9 kWh/24h
Heat exchange	0,47 kW/h
Noise level	53 dBA
Net weight	343 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  
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	16	48		768/896*2	33 mm
DSA-5504-136G	4	4	20	368*2	552/644*2	50 mm
DSA-6504-136G	4	12	24			
DSA-12504-136G	2	8	48	384	576/672*2	50 mm
DSA-D212504-136G	2	4	96	384	576/672*2	50 mm
DSA-5534-136G	4	8	20	352*2	528/616*2	53 mm
DSA-6534-136G	4	8	24			
DSA-7844-136G	2	8	28	224		84 mm
DSA-D27844-136G	2	4	56	224		84 mm
DSA-31004-136G	4	16	12	192		100 mm
DSA-21284-136G	4	16	8	128		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	16	24	384	45 mm
HR-4-5-53	4	16	20	320	53 mm
HR-4-3-76	4	16	12	192	76 mm
HR-5-FLEX	4	16	20/12	320/192	55/95 mm