evosafe ecologic

ULTRA-LOW TEMPERATURE -86°C FREEZERS
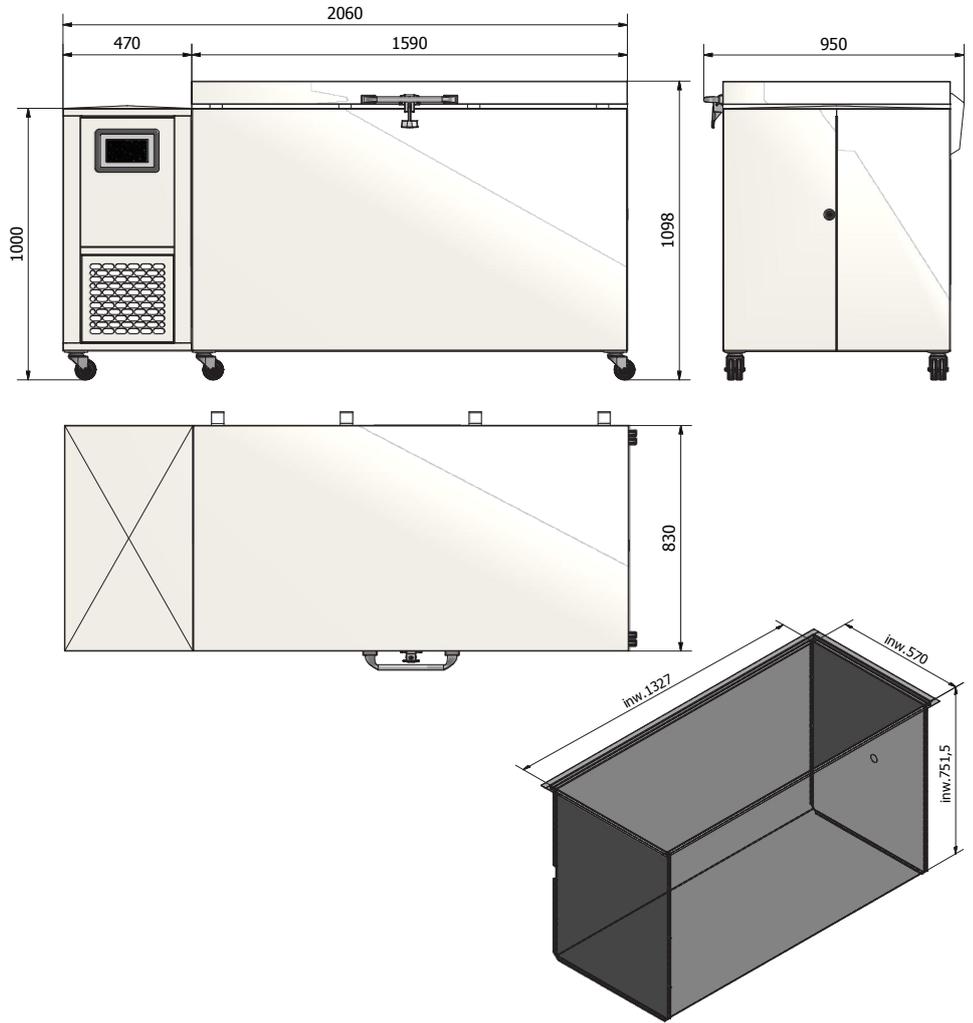# HF570-86G

Type	Chest
Volume total	568,5 litre
Storage capacity 2" boxes	468
External dimensions	2060 x 950 x 1098 mm
Internal dimensions	1327 x 570 x 751 mm
Compartments / Inner doors	1/2
Main door	With lock and keys
Inner doors	Forex
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 microprocessor
Display	7" Touchscreen
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
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	800 VA/790 W/3,0 Amp.
Energy consumption	10,84 kWh/24h
Heat exchange	0,42 kW/h
Noise level	52 dBA
Net weight	335 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
Alarming by texting and/or phone
Racking systems in Aluminum or Stainless Steel
Cryo Boxes
Cryo Gloves

SIDE ACCESS STAINLESS STEEL RACKS*

Model #	# Racks	# Boxes per rack	Total boxes 133x133	Total plates 128x85	Max. height box
VRE-20-35	60	20	-	1200	35 mm
VRE-14-50	60	14	-	840	50 mm
VRS-13-53	36	13	468	-	53 mm
VRS-9-76	36	9	324	-	76 mm
VRS-7-100	36	7	252	-	100 mm

SIDE ACCESS ALUMINUM RACKS*

Model #	# Racks	# Boxes per rack	Total boxes 133x133	Total plates 128x85	Maximum height box
VRA-14-50	60	14	-	840	50 mm
VRA-13-53	36	13	468	-	53 mm
VRA-9-76	36	9	324	-	76 mm
VRA-7-100	36	7	252	-	100 mm
VRA-FLX	36	Flexible	Flexible	Flexible	Flexible

*with locker pin (optional)/other dimensions on request

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