



Refrigerators +2°C to +20°C



R-90i



R-138i



R-427i

ATEX



Protection for storage
CE 0113G nA IIB T6

MODEL	R-90i	R-138i	R-427i
CONSTRUCTION			
Outer dimensions, H x W x D, mm	672 x 595 x 642	825 x 595 x 642	2002 x 595 x 642
Inner dimensions, H x W x D, mm	481 x 475 x 495	676 x 475 x 495	1827 x 475 x 495
Volume, gross / net, L	90 / 76	138 / 117	427 / 361
Weight, gross / net, Kg	48 / 38	54 / 43	86 / 72
Material outer cabinet	Painted Steel	Painted Steel	Painted Steel
Material inner cabinet	ABS	ABS	ABS
Insulation thickness, mm	50	50	50
Insulation, Type	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane
Refrigerant, Type / gram	R600a / 39	R600a / 47	R600a / 60
Air distribution	Dynamic	Dynamic	Dynamic
Mobility	4x Adjustable feet	4x Adjustable feet	4x Adjustable feet
OPERATION			
Temperature range, C	+2 to +20	+2 to +20	+2 to +20
Noise, dB	46	44	40
Energy consumption 24/h, kWh	Solid 0,2	Solid 0,3	Solid 0,4
Frequency, Hz	50 / 60	50 / 60	50 / 60
Power supply, V	220	220	220
STORAGE			
Number of shelves	1 + Half shelf	2 + Half shelf	5 + Half shelf
Max loading pr. shelf, Kg	20	20	20
CONTROLLER			
Defrost	Automatic	Automatic	Automatic
High/low temp. alarm	Yes	Yes	Yes
Open door alarm	Yes	Yes	Yes
Probe failure alarm	Yes	Yes	Yes
Power failure alarm	Yes	Yes	Yes
USB connection	Yes	Yes	Yes
Temperature graph	Yes	Yes	Yes
FEATURES			
Safety thermostat	Yes	Yes	Yes
Lock, y/n	Yes	Yes	Yes
LED light	Yes	Yes	Yes
Battery backup for controller, 48h*	Yes	Yes	Yes
Porthole, y/n mm.	Yes - 20	Yes - 20	Yes - 20
Dry contact, y/n	Yes	Yes	Yes
Door options, glass/solid	Solid	Solid	Solid
Door reversibility, y/n	No	No	No



Freezers -5°C to -25°C



F-90i



F-138i



F-427i

ATEX



Protection for storage
CE I I 3G nA IIB T8

MODEL	F-90i	F-138i	F-427i
CONSTRUCTION			
Outer dimensions, H x W x D, mm	672 x 595 x 642	825 x 595 x 642	2002 x 595 x 642
Inner dimensions, H x W x D, mm	481 x 475 x 495	676 x 475 x 495	1827 x 475 x 495
Volume, gross / net, L	90 / 76	138 / 117	427 / 361
Weight, gross / net, Kg	54 / 43	54 / 43	86 / 72
Material outer cabinet	Painted Steel	Painted Steel	Painted Steel
Material inner cabinet	ABS	ABS	ABS
Insulation thickness, mm	50	50	50
Insulation, Type	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane
Refrigerant, Type / gram	R600a / 38	R600a / 43	R290 / 55
Air distribution	Dynamic	Dynamic	Dynamic
Mobility	4x Adjustable feet	4x Adjustable feet	4x Adjustable feet
OPERATION			
Temperature range, C	-5 to -25	-5 to -25	-5 to -25
Noise, dB	40	45	40
Energy consumption 24/h, kWh	Solid 1,1	Solid 1,4	Solid 0,4
Frequency, Hz	50 / 60	50 / 60	50 / 60
Power supply, V	220	220	220
STORAGE			
Number of shelves	1 + Half shelf	2 + Half shelf	5 + Half shelf
Max loading pr. shelf, Kg	20	20	20
CONTROLLER			
Defrost	Automatic	Automatic	Automatic
High/low temp. alarm	Yes	Yes	Yes
Open door alarm	Yes	Yes	Yes
Probe failure alarm	Yes	Yes	Yes
Power failure alarm	Yes	Yes	Yes
USB connection	Yes	Yes	Yes
Temperature graph	Yes	Yes	Yes
FEATURES			
No-Frost system	Yes	Yes	Yes
Lock, y/n	Yes	Yes	Yes
LED light	Yes	Yes	Yes
Battery backup for controller, 48h	Yes	Yes	Yes
Porthole, y/n mm.	Yes - 20	Yes - 20	Yes - 20
Dry contact, y/n	Yes	Yes	Yes
Door options, glass/solid	Solid	Solid	Solid
Door reversibility, y/n	No	No	No



ULT Freezers -20°C to -86°C



ATEX



Protection for storage
CE 0113G nA IIB T6

MODEL	ULTF-37i	VTS 098
CONSTRUCTION		
Outer dimensions, H x W x D, mm	631 x 630 x 675	825 x 595 x 645
Inner dimensions, H x W x D, mm	433 x 439 x 271	630 x 435 x 428
Volume, gross / net, L	37 / 37	92 / 92
Weight, gross / net, Kg	70 / 59	87 / 61
Material outer cabinet	Painted Steel	Stainless Steel
Material inner cabinet	Stainless Steel	Stainless Steel
Insulation thickness, mm	80	80
Insulation type	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane
Refrigerant	Nature R 2	Nature R 2
Air distribution	Static	Static
Mobility	4x Adjustable feet	4x Adjustable feet
OPERATION		
Temperature range, C	-20 to -86	-20 to -86
Noise, dB	46	55
Energy consumption 24/h, kWh	3,2	6,5
Frequency, Hz	50 / 60	50
Power supply, V	115 / 220	220
Instant power consumption, kW	PD 0,55 - 0,3 / Stable 0,27	PD 0,75 - 0,4 / Stable 0,33
Heat rejection, W	306	393
K-value	0,19	0,18
STORAGE		
Number of shelves	1	3
Inner lids	No	No
Capacity for 2" boxes	33	63
CONTROLLER		
Defrost	Manual	Manual
High/low temp. alarm	Yes	Yes
Open door alarm	Yes	Yes
Probe failure alarm	Yes	Yes
Power failure alarm	Yes	Yes
USB connection	Yes	Yes
Temperature graph	Yes	Yes
FEATURES		
Lock, y/n	Yes	Yes
Battery backup for controller, 48h	Yes	Yes
Porthole, y/n mm.	Yes - 20	Yes - 14,5
Dry contact, y/n	Yes	Yes



Chest ULT -20°C to -86°C



ATEX



Protection for storage
CE 0113G nA IIB T6

MODEL	ULTF-C74i	ULTF-C198i	ULTF-C296i	ULTF-C383i
CONSTRUCTION				
Outer dimensions, H x W x D, mm	921 x 555 x 555	831 x 920 x 608	831 x 1260 x 608	831 x 1560 x 608
Inner dimensions, H x W x D, mm	450 x 390 x 390	624 x 760 x 440	624 x 1100 x 440	624 x 1400 x 440
Volume, gross / net, L	74 / 71	198 / 189	296 / 284	383 / 368
Weight, gross / net, Kg	73 / 50	80 / 63	100 / 78	112 / 86
Material outer cabinet	Painted Steel	Painted Steel	Painted Steel	Painted Steel
Material inner cabinet	Painted Steel	Painted Steel	Painted Steel	Painted Steel
Insulation thickness, mm	80	80	80	80
Insulation type	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane	Polyurethane with Cyclopentane
Refrigerant	Nature R 2	Nature R 2	Nature R 2	Nature R 2
Air distribution	Static	Static	Static	Static
Mobility	4 x Castors with brakes	4 x Castors with brakes	4 x Castors with brakes	4 x Castors with brakes
OPERATION				
Temperature range, C	-20 to -86	-20 to -86	-20 to -86	-20 to -86
Noise, dB	54	55	55	55
Energy consumption 24/h, kWh	5,3	5,9	9,8	9,9
Frequency, Hz	50	50	50	50
Power supply, V	220	220	220	220
Instant power consumption, kW	PD 0,54 - 0,37 / Stable 0,34	PD 0,37 - 0,32 / Stable 0,30	PD 0,71 - 0,55 / Stable 0,52	PD 0,81 - 0,60 / Stable 0,53
Heat rejection, W	370	375	642	670
K-value	0,19	0,2	0,2	0,2
STORAGE				
Number of baskets	N/A	N/A	N/A	N/A
Inner lids	1	3	3	4
Capacity for 2" boxes	28	117	216	282
CONTROLLER				
Defrost	Manual	Manual	Manual	Manual
High/low temp. alarm	Yes	Yes	Yes	Yes
Open door alarm	No	No	No	No
Probe failure alarm	Yes	Yes	Yes	Yes
Power failure alarm	Yes	Yes	Yes	Yes
USB connection	No	No	No	No
Temperature graph	Yes	Yes	Yes	Yes
FEATURES				
Lock, y/n	Yes	Yes	Yes	Yes
Battery backup for controller, 48h	Yes	Yes	Yes	Yes
Porthole, y/n mm.	Yes - 12,5	Yes - 12,5	Yes - 12,5	Yes - 12,5
Dry contact, y/n	Yes	Yes	Yes	Yes