

VACCINE REFRIGERATORS

TEMPERATURE RANGE +2°C to +8°C

AC SERIES



DIMENSIONS	VLS 174A AC	VLS 204A AC	VLS 304A AC	VLS 404A AC	VLS 504A AC
Height, mm	950	910	910	910	910
Width, mm	550	720	920	1260	1560
Depth, mm with handle	650	700	700	700	700
Gross weight, kg (incl. packaging)	84,70	116,4	132,20	159	193,7
Net weight, kg	63,80	91,4	104,80	127,2	172
Packed dimensions HxWxD, mm	1055x610x675	1025x785x727	1025x980x727	1025x 320x727	1025x1620x727
Shipping volume m3	0,43	0,58	0,73	0,98	1,21
SPECIFICATIONS					
Gross volume, L	50,6	113	157	235	314
Net volume, L	38	60	98	145	242
Temperature range (+43°C AMB)	+2°C to +8°C	+2°C to +8°C	+2°C to +8°C	+2°C to +8°C	+2°C to +8°C
Hold-over time, hours (+43°C AMB)	57,52	54	55,5	55	55,27
Energy consumption - stable, kWh/24h	0.504	0.57	0.60	0.67	0.64
Energy consumption - cool down, kWh/24h	N/A	0.58	0.69	0.69	N/A
Refrigerant	R600a	R600a	R600a	R600a	R600a
Freeze protection, grade	A	A	A	A	A
Climate class	T	T	T	T	T
WHO PQS code	E003/120	E003/109	E003/110	E003/112	E003/113
FEATURES					
Storage baskets, no. top	1	2	3	4	6
Storage baskets, no. bottom	1	1	2	3	4
Temperature control	Automatic	Automatic	Automatic	Automatic	Automatic
Lock + keys	YES	YES	YES	YES	YES
Junction box	YES	YES	YES	YES	YES
Adjustable legs	YES, 10cm	YES, 10cm	YES, 10cm	YES, 10cm	YES, 10cm
Safety thermostat	YES	YES	YES	YES	YES
Appliance plugs	E, F, G	E, F, G	E, F, G	E, F, G	E, F, G
Industrial grade locking mechanism	YES	YES	YES	YES	YES
EMS level 3 as an option	YES	YES	YES	YES	YES
LOADING QUANTITIES					
Qty. per 20' / 40/ container	44 / 92	44 / 92	36 / 72	24 / 50	18 / 42
VOLTAGE REGULATION RANGE					
220-240V 50/60Hz	110-278V 50/60Hz	110-278V 50/60Hz	110-278V 50/60Hz	110-278V 50/60Hz	110-278V 50/60Hz
100-127V 50/60Hz	82-159V 50/60Hz	82-159V 50/60Hz	82-159V 50/60Hz	82-159V 50/60Hz	82-159V 50/60Hz
Integrated and extended voltage stabilizer as standard in line with PQS E007/VS01-VP.5					

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AC REFRIGERATOR & FREEZER IN ONE

TEMPERATURE RANGE +2°C to +8°C

AC COMBI SERIES



DIMENSIONS	VLS 086 RF AC	VLS 096 RF AC
Height, mm	925	925
Width, mm	1190	1510
Depth, mm with handle	755	755
Gross weight, kg (incl. packaging)	160	190
Net weight, kg	152	150
Packed dimensions HxWxD, mm	1065x1240x785	1065x1560x785
Shipping volume m ³	1,17	1,31
SPECIFICATIONS		
Gross volume, L	77,0	147
Net volume, L	57,625	110
Temperature range (+43°C AMB)	+2°C to +8°C	+2°C to +8°C
Hold-over time, hours (+43°C AMB)	128,33	114,33
Refrigerant	R600a	R600a
Freeze protection, grade	A	A
Climate class	T	T
WHO PQS code	TBA	TBA
FREEZER SPECIFICATIONS		
Gross volume, L	50	50
Water pack storage capacity, L	28 x 0,6	28 x 0,6
Water pack freezing capacity, kg/24h	2,4	2,4
Temperature range (+43°C AMB)	-15° to -25°C	-15° to -25°C
Refrigerant	R290 + R600a	R290 + R600a
FEATURES		
Storage baskets, no	1	2
Temperature control	Automatic	Automatic
Lock + keys	YES	YES
Junction box	YES	YES
Adjustable legs	YES, 10cm	YES, 10cm
Safety thermostat	YES	YES
Charging port	USB A 5V	USB A 5V
EMS level 3 as an option	YES	YES
Industrial grade locking mechanism	YES	YES
Automatic drainage system	YES	YES
LOADING QUANTITIES		
Qty. per 20' / 40' container	22 / 48	10 / 20
VOLTAGE REGULATION RANGE		
220-240V/50/60Hz	110-278V/50/60Hz	110-278V/50/60Hz
100-127V/50/60Hz	82-159V/50/60Hz	82-159V/50/60Hz
Integrated and extended voltage stabilizer as standard in line with PQS E007/VS01-VP.5		

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Updated 01/2026

VACCINE REFRIGERATORS

TEMPERATURE RANGE +2°C to +8°C

SDD SERIES



DIMENSIONS	VLS 054A SDD	VLS 094A SDD	VLS 154A SDD
Height, mm	910	910	910
Width, mm	720	920	1260
Depth, mm with handle	700	700	700
Gross weight, kg (incl. packaging)	110,5	127,9	133,8
Net weight, kg	85	107	103,8
Packed dimensions HxWxD, mm	1025 x 785 x 727	1025 x 980x 727	1025 x 1320 x 727
Shipping volume m3	0,58	0,73	0,98
SPECIFICATIONS			
Gross volume, L	108	151	248
Net volume, L	55,5	92	170
Temperature range (+43°C AMB)	+2°C to +8°C	+2°C to +8°C	+2°C to +8°C
Autonomy, hours (+43°C AMB)	72,4	72,5	73,4
Energy consumption - stable, kWh/24h	0.35	0.24	0.56
Energy consumption - cool down, kWh/24h	0.69	0.45	0.55
Refrigerant	R600a	R600a	R600a
Freeze protection, grade	A	A	A
Climate class	T	T	T
WHO PQS code	E003/106	E003/107	E003/108
FEATURES			
Storage baskets, no. top	2	1	4
Storage baskets, no. bottom	1	1	0
Temperature control	Automatic	Automatic	Automatic
Lock + keys	YES	YES	YES
Junction box	YES	YES	YES
Adjustable legs	YES, 10cm	YES, 10cm	YES, 10cm
Safety thermostat	YES	YES	YES
Appliance plugs	E, F, G	-	-
Charging port	USB A 5V	USB A 5V	USB A 5V
Industrial grade locking mechanism	YES	YES	YES
EMS level 3 as an option	YES	YES	YES
LOADING QUANTITIES			
Qty. per 20' / 40' container	28 / 60	22 / 48	22 / 48
*incl. solar panels - see our solar panel datasheet			
Solar panels packaging/weight dimensions	170 x 80 x 35 (DxWxH) - 110 kg		

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SDD REFRIGERATOR & FREEZER IN ONE

TEMPERATURE RANGE +2°C to +8°C

TRUE COMBI SERIES



DIMENSIONS	VLS 086A RF SDD	VLS 096A RF SDD
Height, mm	925	940
Width, mm	1190	1510
Depth, mm with handle	755	750
Gross weight, kg (incl. packaging)	160	190
Net weight, kg	152	150
Packed dimensions HxWxD, mm	1065x1240x785	1065x1560x785
Shipping volume m ³	1,17	1,31
REFRIGERATOR SPECIFICATIONS		
Gross volume, L	77,0	147
Net volume, L	57,625	110
Temperature range (+43°C AMB)	+2°C to +8°C	+2°C to +8°C
Autonomy, hours (+43°C AMB)	128,33	114,33
Refrigerant	R600a	R600a
Freeze protection, grade	A	A
Climate class	T	T
WHO PQS code	TBA	E003/132
FREEZER SPECIFICATIONS		
Gross volume, L	50	50
Water pack storage capacity, L	28 x 0,6	28 x 0,6
Water pack freezing capacity, kg/24h	2,4	2,4
Temperature range (+43°C AMB)	-15° to -25°C	-15° to -25°C
Refrigerant	R290 + R600a	R290 + R600a
FEATURES		
Storage baskets, no	1	2
Temperature control	Automatic	Automatic
Lock + keys	YES	YES
Junction box	YES	YES
Adjustable legs	YES, 10cm	YES, 10cm
Safety thermostat	YES	YES
Charging port	USB A 5V	USB A 5V
EMS level 3 as an option	YES	YES
Industrial grade locking mechanism	YES	YES
Automatic drainage system	YES	YES
LOADING QUANTITIES		
Qty. per 20' / 40' container	22 / 48	12 / 22
*incl. solar panels - see our solar panel datasheet		
Solar panels packaging/weight dimensions	170 x 80 x 35 (DxWxH) - 110 kg	

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WATERPACK FREEZERS

TEMPERATURE RANGE -15°C to -25°C

SDD FREEZER SERIES



DIMENSIONS		VFS 048 SDD
Height, mm		950
Width, mm		550
Depth, mm with handle		650
Gross weight, kg (incl. packaging)		73,13
Net weight, kg		58,1
Packed dimensions HxWxD, mm		1055 x 610 x 675
Shipping volume m3		0,43
SPECIFICATIONS		
Gross volume, L		34,3
Net volume, L		25,5
Autonomy, hours (+43°C AMB)		48
Energy consumption - stable, kWh/24h		N/A
Energy consumption - cool down, kWh/24h		N/A
Freeze protection, grade		A
Climate class		T
WHO PQS code		E003/099
FREEZER SPECIFICATIONS		
Water pack storage capacity, L		29 x 0,6
Water pack freezing capacity, kg/24h		1,6
Temperature range (+43°C AMB)		-15° to -25°C
Refrigerant		R290 + R600a
FEATURES		
Storage baskets, no		0
Temperature control		Automatic
Lock + keys		YES
Junction box		YES
Adjustable legs		YES, 10cm
Safety thermostat		YES
Charging port		USB A 5V
Appliance plugs		E, F, G
Industrial grade locking mechanism		YES
LOADING QUANTITIES		
Qty. per 20' / 40' container		23/60
*incl. solar panels - see our solar panel datasheet		
Solar panels packaging/weight dimensions		170 x 80 x 35 (DxWxH) - 110 kg

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VACCINE & ICEPACK FREEZERS

TEMPERATURE RANGE -15°C to -25°C

MF SERIES



DIMENSIONS	MF 114	MF 214	MF 314
Height, mm	910	910	910
Width, mm	720	1120	1560
Depth, mm with handle	700	700	700
Gross weight, kg (incl. packaging)	69,90	93	117,2
Net weight, kg	62,2	71,30	80
Packed dimensions HxWxD, mm	1025x785x727	1025x1185x727	1025x1620x727
Shipping volume m ³	0,58	0,88	1,21
SPECIFICATIONS			
Gross volume, L	105	171	281
Icepack freezing capacity, kg/24h	7,2	7,2	7,2
Icepack storage capacity, pcs	64 x 0,6 L	160 x 0,6L	256 x 0,6L
Temperature range (+43°C AMB)	-15° to -25°C	-15° to -25°C	-15° to -25°C
Hold-over time, hours (+43°C AMB)	2,8	2,9	4,0
Energy consumption - stable, kWh/24h	2,24	3,00	4,23
Energy consumption - cool down, kWh/24h	2,41	2,96	4,29
Refrigerant	R600a	R600a	R600a
WHO PQS code	E003/024	E003/025	E003/023
Climate class	T	T	T
FEATURES			
Storage baskets, no	2	2	3
Temperature control	Automatic	Automatic	Automatic
Lock + keys	YES	YES	YES
Adjustable legs	YES, 10 cm	YES, 10cm	YES, 10cm
Junction box	YES	YES	YES
Safety thermostat	NO	NO	NO
Appliance plugs	E, F, G	E, F, G	E, F, G
Industrial grade locking mechanism	YES	YES	YES
Fridge-tag 2E	YES	YES	YES
LOADING QUANTITIES			
Qty. per 20' / 40' container	44 / 92	24 / 60	18 / 42
Qty. per truck (EU standard)	108	72	48
VOLTAGE REGULATION RANGE			
220-240V/50/60Hz	110-278V/50/60Hz	110-278V/50/60Hz	110-278V/50/60Hz
100-127V/50/60Hz	82-159V/50/60Hz	82-159V/50/60Hz	82-159V/50/60Hz
Integrated and extended voltage stabilizer as standard in line with PQS E007/VS01-VP.5			

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