

MED100F (Glass Door Medical Freezer With Low E Glass)

Model Reference MED100F

Features

Capacity (L)	70
Climate Class 4	-22°C at +30°C and 55% RH
Interior Light	YES
Lightbox	YES
Lightbox Branding Available	YES
Drain For Easy Cleaning	YES
External Solar Thermometer	

Power Consumption

1,5 Running Amps

Dimensions

Unboxed Dimensions (mm)	(H) 880mm x (W) 530mm x (D) 490mm
Weight (Kg's) – Boxed	51Kg
Weight (Kg's) – Unboxed	48Kg

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MED100R (Glass Door Medical Cooler With Low E Glass)

Model Reference MED100R

Features

Pedestrian Door
Tempered Glass
Temp Range 2°C to 7°C
Adjustable Shelves
Internal Display Light
Compressor Cooled
Wire on Tube Condenser
Manual Thermostat
Table Top Beverage Display Unit
Light Box
Display lights have separate isolators
Gross Volume 85 L
Net Volume With Shelves 75 L
External Solar Thermometer

Benefits

Clear Visual Display of products
Header Display for Advertising purposes
Light switch for internal and header panel display

Power Consumption

130 Watt

Dimensions

Unboxed Dimensions (mm) (H) 810mm x (W) 480mm x (D) 470mm
Weight (Kg's) – Boxed 38Kg
Weight (Kg's) – Unboxed 35Kg



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MED580R (Glass Door Medical Cooler With Low E Glass)

Model Reference

MED580R

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	N/A (Tube Lights Only)
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	270
Nett Capacity	Ltr	226
Shelves	3 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	303	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	1/5/6	
Weight Empty (kg)	90	

Dimensions

External	(H) 1350mm x (W) 580mm x (D) 635mm
Internal (Nett)	(H) 840mm x (W) 490mm x (D) 550mm



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MED690F (Glass Door Medical Freezer With Low E Glass)

Model Reference

MED690F

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	Standard
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	525
Nett Capacity	Ltr	455
Shelves	4 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	866	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	7/8/23	
Weight Empty (kg)	117	

Dimensions

External	(H) 2020mm x (W) 690mm x (D) 635mm
Internal (Nett)	(H) 1380mm x (W) 600mm x (D) 550mm



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MED690R (Glass Door Medical Cooler With Low E Glass)

Model Reference

MED690R

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	Standard
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	525
Nett Capacity	Ltr	455
Shelves	4 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	452	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	1/4/9	
Weight Empty (kg)	117	

Dimensions

External	(H) 2020mm x (W) 690mm x (D) 635mm
Internal (Nett)	(H) 1380mm x (W) 600mm x (D) 550mm



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MED890R (Glass Door Medical Cooler With Low E Glass)

Model Reference

MED890R

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	Standard
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	700
Nett Capacity	Ltr	607
Shelves	8 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	523	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	³ / ₈ /12	
Weight Empty (kg)	149	

Dimensions

External	(H) 2020mm x (W) 890mm x (D) 635mm
Internal (Nett)	(H) 1380mm x (W) 800mm x (D) 550mm



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MED1140R (Glass Door Medical Cooler With Low E Glass)

Model Reference MED1140R

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	Standard
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	890
Nett Capacity	Ltr	750
Shelves	8 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	637	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	3/8	
Weight Empty (kg)	180	

Dimensions

External	(H) 2020mm x (W) 1140mm x (D) 635mm
Internal (Nett)	(H) 1380mm x (W) 1050mm x (D) 550mm



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MED1360R (Glass Door Medical Cooler With Low E Glass)

Model Reference MED1360R

Features

White sides / black trim	Standard
Stainless Steel Sides/ grey trim	Optional
LED Lights	Standard
Electronic Controller (Thermostat With Display)	Standard
Over/Under Voltage Compressor Protection	Standard
Lock	Standard
Front Ventilation	Standard

Specifications

Gross Capacity	Ltr	1080
Nett Capacity	Ltr	900
Shelves	8 (extra shelves optional)	
Refrigerant	R134a	
Max Power Consumption (watt)	780	
Voltage / Hertz	230/50	
Compressor Size (hp/cc)	1/2/18	
Weight Empty (kg)	208	

Dimensions

External	(H) 2020mm x (W) 1360mm x (D) 635mm
Internal (Nett)	(H) 1380mm x (W) 1270mm x (D) 550mm



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GR265 G/E (Gas / Electric Vaccine Storage Refrigerator & Ice Pack Freezer)



WHO Test Procedure E3/PROC/5
 WHO Specifications E3/RF2



Specifications

Vaccine Storage Capacity (L)	Refrigerator	57
Frozen Ice Pack Storage Capacity (L)	Freezer	9.6
Manufacturers Gross Volume (L)	Refrigerator	180
	Freezer	32

Type Of Kerosene Burner/Gas Jet Size Jet Size 13

Hot Zone Appliance (+43°C) YES
 Temperate Zone Appliance (+32°C) YES

Power Consumption / 24hr period (approx)***

LPG (g)	+32°C	660g
	+43°C	760g
Electric (kWh)	+32°C	6
	+43°C	8
Kerosene	N/A	

Performance Information

Hold Over Time During Power Cut	5.5 hours(+32°C)	
	1.5 hours (+43°C)	
Ice pack Freezing with Vaccine	+32°C	4.2kg / 24hrs
	+43°C	1.8kg / 24hrs
Ice pack Freezing without Vaccine	+32°C	N/A
	+43°C	N/A

Dimensions

Boxed Dimensions (mm)	(H)1550mm x (W) 710mm x (D) 720mm
Unboxed Dimensions (mm)	(H)1525mm x (W) 600mm x (D) 680mm
Weight (Kg's) - boxed	80kg
Shipping Volume (Crated)	1.04m ³

Container Quantities

20'	35
40'	73
40'HC	73

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E&OE Errors and Omissions Excepted

ZLF100AC VACCINE STORAGE REFRIGERATOR

ELECTRIC - COMPRESSION WITH SURECHILL® TECHNOLOGY



PQS Approved

PQS no:	E003/036
WHO Test Procedure	E003/RF03-VP.2
WHO Specifications	E003/RF03.2

Specifications

Vaccine Storage Capacity (L)	Refrigerator	99L (1 shelf) 93L (all shelves)
Frozen Ice Pack Storage Capacity (L)	Freezer	N/A
Manufacturers Gross Volume (L)	Refrigerator	124
	Freezer	N/A
Hot Zone Appliance (+43°C)	YES	
Caster (Wheels):	4 (2 Lockable)	

Power Consumption - Stable Running

(kW/24Hrs) on 220 – 240V mains Electric	+43°C	1.96
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Performance Information

Hold Over Time During Power Cut At +43°C on The Day / Night Cycle	10 Days 15h 30m
Hold Over Time During Power Cut At +32°C on The Day / Night Cycle	17 Days 1h 00m
Ice Pack Freezing	N/A

*** SureChill® Technology ensures that vaccines cannot and will not freeze within rated temperatures (+5°C to +43°C)

Dimensions

Boxed Dimensions (mm)	(H) 1810mm x (W) 845mm x (D) 740mm
Unboxed Dimensions (mm)	(H) 1780mm x (W) 850mm x (D) 710mm
Weight (Kg's) - boxed	100kg
Shipping Volume (Crated)	1.132 m³
Weight Crated	150kg

Container Quantities

20'	21
40'	42
40' HC	42



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E&OE Errors and Omissions Excepted

PF230IP K/E (Kerosene/Electric Ice Pack Freezer)



WHO Test Procedure	E3/PROC/6
WHO Specifications	E3/FR4

Specifications

Vaccine Storage Capacity (L)	Refrigerator	N/A
Frozen Ice Pack Storage Capacity (L)	Freezer	86.4
Manufacturers Gross Volume (L)	Refrigerator	N/A
	Freezer	230
Type Of Kerosene Burner/Gas Jet Size	Aladdin 23	
Hot Zone Appliance (+43°C)	YES	
Temperate Zone Appliance (+32°C)	YES	
Power Sources	Kerosene / Illuminating Parrafin & Mains Electric	

Power Consumption / 24hr period (approx)***

Kerosene / Paraffin	+32°C	0.93 L
	+43°C	1.08 L

Performance Information

Hold Over Time During Power Cut	N/A	
Ice pack Freezing with Vaccine	+32°C	N/A
	+43°C	N/A
Ice pack Freezing without Vaccine	+32°C	4.8kg / 24hrs
	+43°C	1.8kg / 24hrs

Dimensions

Boxed Dimensions (mm)	(H) 980mm x (W) 1400mm x (D) 750mm
Unboxed Dimensions (mm)	(H) 960mm x (W) 1330mm x (D) 710mm
Weight (Kg's) - boxed	115kg
Shipping Volume (Crated)	1.40m ³

Container Quantities

20'	27
40'	56
40'HC	56

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E&OE Errors and Omissions Excepted

ZLF100DC SOLAR DIRECT DRIVE REFRIGERATOR - WITH SURECHILL® TECHNOLOGY



PQS Approved

PQS no:	E003/037
WHO Test Procedure	E003/RF05-VP.2
WHO Specifications	E003/RF05.3

Specifications

Vaccine Storage Capacity (L)	Refrigerator	99L (1 shelf) 93L (all shelves)
Frozen Ice Pack Storage Capacity (L)	Freezer	N/A
Manufacturers Gross Volume (L)	Refrigerator	124
	Freezer	N/A
Hot Zone Appliance (+43°C)	YES	
Caster (Wheels):	4 (2 Lockable)	

Power Consumption - Stable Running

(kW/24Hrs) Solar Power	+43°C	1.28
Solar array 200w-370w depending on geographical location		

Performance Information

Hold Over Time During Power Cut	>10 Days	15h 30m
At +43°C on The Day / Night Cycle		
Hold Over Time During Power Cut	>17 Days	1h 00m
At +32°C on The Day / Night Cycle		

Autonomy Time at +43°C (Not fully charged)	4 Days	14h 25m
At a Solar Radiation Reference Period of	3.5 kWh/m ² /day	
Ice Pack Freezing	N/A	

*** SureChill ® Technology ensures that vaccines cannot and will not freeze within rated temperatures (+5°C to +43°C)

Dimensions

Boxed Dimensions (mm)	(H) 1810mm x (W) 845mm x (D) 740mm
Unboxed Dimensions (mm)	(H) 1780mm x (W) 850mm x (D) 710mm
Weight (Kg's) - boxed	115kg
Shipping Volume (Crated)	1.132 m ³
Weight Crated	165kg

Container Quantities

20'	21
40'	42
40' HC	42



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E&OE Errors and Omissions Excepted

GR265 G/E (Gas / Electric Vaccine Storage Refrigerator & Ice Pack Freezer)



WHO Test Procedure	E3/PROC/5
WHO Specifications	E3/RF2



Specifications

Vaccine Storage Capacity (L)	Refrigerator	57
Frozen Ice Pack Storage Capacity (L)	Freezer	9.6
Manufacturers Gross Volume (L)	Refrigerator	180
	Freezer	32

Type Of Kerosene Burner/Gas Jet Size	Jet Size 13
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Hot Zone Appliance (+43°C)	YES
Temperate Zone Appliance (+32°C)	YES

Power Consumption / 24hr period (approx)***

LPG (g)	+32°C	660g
	+43°C	760g
Electric (kWh)	+32°C	6
	+43°C	8
Kerosene	N/A	

Performance Information

Hold Over Time During Power Cut	5.5 hours(+32°C)	
	1.5 hours (+43°C)	
Ice pack Freezing with Vaccine	+32°C	4.2kg / 24hrs
	+43°C	1.8kg / 24hrs
Ice pack Freezing without Vaccine	+32°C	N/A
	+43°C	N/A

Dimensions

Boxed Dimensions (mm)	(H)1550mm x (W) 710mm x (D) 720mm
Unboxed Dimensions (mm)	(H)1525mm x (W) 600mm x (D) 680mm
Weight (Kg's) - boxed	80kg
Shipping Volume (Crated)	1.04m ³

Container Quantities

20'	35
40'	73
40'HC	73

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E&OE Errors and Omissions Excepted

ZLF170AC VACCINE STORAGE REFRIGERATOR AND ICE PACK FREEZER ELECTRIC – COMPRESSION WITH SURECHILL® TECHNOLOGY



WHO PQS Approved

WHO PQS no:	Pending
WHO Test Procedure	E003/RF03-VP.2
WHO Specifications	E003/RF03.2

Specifications

Vaccine Storage Capacity (L)	Refrigerator	150L
Range	+2°C to +8°C	
Frozen Ice Pack Storage Capacity (L)	Freezer	15.6L (26 x 0.6L)
Range	-10°C to -15°C	
Manufacturers Gross Volume (L)	Refrigerator	173L
	Freezer	30.6L
Hot Zone Appliance (+43°C)	YES	
Casters (Wheels):	4 (2 Lockable)	
CCEOP Extended Range Product	YES	
Freeze Protection	Grade A	
Shelves	6	



Power Consumption – Stable Running

(kW/24Hrs) on 220 – 240V mains Electric	+43°C	1.983
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Performance Information

Hold Over Time During Power Cut	127 Hours
At +43°C on The Day / Night Cycle	

Ice Pack Freezing	5.4Kg/24Hrs
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*** **Sure Chill**® Technology guarantees that vaccines cannot and will not freeze within rated temperatures (+5°C to +43°C)

Dimensions

Boxed Dimensions (mm)	(H) 1910mm x (W) 845mm x (D) 740mm
Unboxed Dimensions (mm)	(H) 1880mm x (W) 800mm x (D) 700mm
Weight (Kg's) - boxed	116kg
Shipping Volume (Crated)	1.22 m³
Weight Crated	166kg

Container Quantities

20'	21
40'	42
40' HC	42



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ZLF170AC VACCINE STORAGE REFRIGERATOR AND ICE PACK FREEZER ELECTRIC – COMPRESSION WITH SURECHILL® TECHNOLOGY



WHO PQS Approved

WHO PQS no:	Pending
WHO Test Procedure	E003/RF03-VP.2
WHO Specifications	E003/RF03.2

Specifications

Vaccine Storage Capacity (L)	Refrigerator	150L
Range	+2°C to +8°C	
Frozen Ice Pack Storage Capacity (L)	Freezer	15.6L (26 x 0.6L)
Range	-10°C to -15°C	
Manufacturers Gross Volume (L)	Refrigerator	173L
	Freezer	30.6L
Hot Zone Appliance (+43°C)	YES	
Casters (Wheels):	4 (2 Lockable)	
CCEOP Extended Range Product	YES	
Freeze Protection	Grade A	
Shelves	6	



Power Consumption – Stable Running

(kW/24Hrs) on 220 – 240V mains Electric	+43°C	1.983
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Performance Information

Hold Over Time During Power Cut	127 Hours
At +43°C on The Day / Night Cycle	

Ice Pack Freezing	5.4Kg/24Hrs
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*** **Sure Chill**® Technology guarantees that vaccines cannot and will not freeze within rated temperatures (+5°C to +43°C)

Dimensions

Boxed Dimensions (mm)	(H) 1910mm x (W) 845mm x (D) 740mm
Unboxed Dimensions (mm)	(H) 1880mm x (W) 800mm x (D) 700mm
Weight (Kg's) - boxed	116kg
Shipping Volume (Crated)	1.22 m³
Weight Crated	166kg

Container Quantities

20'	21
40'	42
40' HC	42



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ZLF150AC VACCINE STORAGE REFRIGERATOR ELECTRIC COMPRESSION WITH SURE CHILL® TECHNOLOGY

WHO PQS Approved

WHO PQS No:	E003/044
WHO Test Procedure	E003/RF03-VP.2
WHO Specifications	E003/RF03.2

Specifications

Vaccine Storage Capacity (L)	Refrigerator	150L
Frozen Ice Pack Storage Capacity (L)	Freezer	30L
Manufacturers Gross Volume (L)	Refrigerator	173
	Freezer	30L
Hot Zone Appliance (+43°C)	YES	
Castor (Wheels)	4 (2 Lockable)	

Power Consumption – Day/Night Cycle

KWH/24Hrs on 220 – 240 mains Electric	+32°C	0.873
	+43°C	1.323

Performance Information

Hold Over Time During Power Cut At +43°C on The Day / Night Cycle	10 Days 15h 30m
Hold Over Time During Power Cut At +32°C on The Day / Night Cycle	>17 Days 1h 00m
Ice Pack Freezing	N/A

***** SURE CHILL®** Technology guarantees that vaccines cannot and will not freeze within rated temperatures
(+5°C to +43°C)

Dimensions

Boxed Dimensions (mm)	(H) 1910mm x (W) 845mm x (D) 730mm
Unboxed Dimensions (mm)	(H) 1880mm x (W) 800mm x (D) 700mm
Weight (Kg's) - boxed	116kg
Shipping Volume (Crated)	1.22 m ³
Weight Crated	166kg

Container Quantities

20'	21
40'	42
40'HC	42