

# NILO 50

TECHNICAL SPECIFICATIONS



## WISEMOTION

### COMPRESSOR

- Linear oil free mechanism
- High Efficiency Variable Cooling Capacity
- Power output range: 0-30W

### INVERTER

- Frequency signal controlled
- Input Voltage range: 9-16VDC



Model Number	DC Solar Fridge 45L
Power Supply	12VDC, Voltage input range: 9-16 VDC Class III, IEC 60445-1.71
Insulation	High Density Polyurethane Foam Insulation (CFC Free, Cyclopentane Blown)
Range	Class ST - IEC62552:2015
Rated Power Consumption	13.3 W
Daily Energy Consumption @32°C	< 150 Wh/d
Cabinet Internal temperature	6°C
Pull Down time (32°C to 6°C)	45 min
Autonomy*	30 min
Refrigerant	Isobutane (R600a)
Product Weight (Net/Gross)	16/18 kg
Footprint Area	0.22 m <sup>2</sup>
Cord Length	1.5 m
Power Supply as Shipped	DC
Customizable Power Supply	Yes
Cooling System	Evaporator Rollbond

\*TIME THAT THE PRODUCT'S COMPARTMENT STAYED BELOW 12°C WITH NO EXTERNAL POWER SUPPLY, AT 32°C AMBIENT TEMPERATURE, BASED ON LABORATORY TESTING.

LOADING PER CONTAINER	VOLUME	CABINET DIMENSIONS	PACKAGING DIMENSIONS
20 ft: 216 units	Gross Literage: 45 L	Width: 444 mm	Width: 465 mm
40 ft: 420 units	Net Literage: 45 L	Depth: 524 mm	Depth: 554 mm
40 ft H/C: 525 units		Height: 498 mm	Height: 535 mm

# NILO 100

## TECHNICAL SPECIFICATIONS

### WISEMOTION

#### COMPRESSOR

Linear oil free mechanism  
High Efficiency Variable Cooling  
Capacity  
Power output range: 0-30W

#### INVERTER

Frequency signal controlled  
Input Voltage range: 9-16VDC



Model Number	DC Solar Fridge 96L
Power Supply	12VDC, Voltage input range: 9~16 VDC Class III, IEC 60445-1.71
Insulation	High Density Polyurethane Foam Insulation (CFC Free, Cyclopentane Blown)
Range	Class ST - IEC62552:2015
Rated Power Consumption	17.8 W
Daily Energy Consumption @32°C	< 200 Wh/d
Cabinet Internal temperature	6°C
Pull Down time (32°C to 6°C)	60 min
Autonomy*	30 min
Refrigerant	Isobutane (R600a)
Product Weight (Net/Gross)	23/25 kg
Footprint Area	0.23 m <sup>2</sup>
Cord Length	1.5 m
Power Supply as Shipped	DC
Customizable Power Supply	Yes
Cooling System	Evaporator Rollbond

\*TIME THAT THE PRODUCT'S COMPARTMENT STAYED BELOW 12°C WITH NO EXTERNAL POWER SUPPLY, AT 32°C AMBIENT TEMPERATURE, BASED ON LABORATORY TESTING.

LOADING PER CONTAINER	VOLUME	CABINET DIMENSIONS	PACKAGING DIMENSIONS
20 ft: 88 units	Gross Literage: 100 L	Width: 474 mm	Width: 513 mm
40 ft: 184 units	Net Literage: 96 L	Depth: 525 mm	Depth: 554 mm
40 ft H/C: 276 units		Height: 840 mm	Height: 885 mm