# Norsup Heat pump Inverter ABS 50 mm 13.3A 400VAC black CE type vertical SG P 31TV/32 (7036139)




NORSUP 5 YEARS WARRANTY
10 YEARS COMPRESSOR
10 YEARS HEAT EXCHANGER

bosta
bringing water to life

# TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Colour | black |
| Type | vertical SG P |
| Material | ABS |
| Approval | CE |
| Condensor | titanium |
| Fan orientation | Vertical |
| Connectivity | Wi-Fi & 4G |
| Max. temperature | 40 °C |
| Minimum medium temperature (continuous) | 9 °C |
| Frequency | 50 Hz |
| Maximum ambient temperature | 43 °C |
| Minimum ambient temperature | -15 °C |
| Refrigerant | R32 |
| Compressor type | Rotary |
| Fans (number) | 1 |
| Energy label | A |

| | |
|---|---|
| Nom. vol. flow rate | 12.5 $m^3$/h |
| Gross weight | 154 kg |
| Size | 50 mm |
| Type | 31TV/32 |
| WebshopURL | https://www.bosta.com/en-gb/norsup-heat-pump-inverter-abs-50-mm-13.3a-400vac-black-ce-type-vertical-sg-p-31tv-32-7036139 |
| Voltage | 400VAC |
| Weight | 116 kg |
| Ampere | 13.3 A |
| Noise level | 50 dB |
| Phase | 3 |
| Pool volume | 90-160 $m^3$ |
| Max. pool vol. | 160 $m^3$ |
| COP at A15/W25 | 8.2 - 5 |
| Heating cap. A15/W25 | 23.6 - 6.5 kW |
| Fan speed | 500-700 Rpm |
| Noise level | 33 dB |
| CO2 equivalent | 1,22 ton |
| Compressor brand | Mitsubishi |

| | |
|---|---|
| COP at A27/W27 | 15.7 - 6.1 |
| Heating cap. A27/W27 | 31.2 - 8.8 kW |
| Motor Power | 7.00 - 0.55 kW |

# DIMENSIONS

| | |
|---|---|
| H | 1020 mm |
| L | 920 mm |
| W | 910 mm |

# PRODUCT INFORMATION

The inverter heat pump offers the ability to vary the heating capacity to suit weather conditions. Using the new automated modes, the compressor and fan speeds will be varied to reduce noise level and energy consumption by up to 50%. The vertical fan on this unit is ideal to allow installation in confined areas. Wi-Fi module is also included in the package. SmartGrid technology; the heat pumps are regulated based on the required heat demand, however they can't be regulated according to the available electricity. If the amount of self-produced electricity falls below the value that the heat pump and all other consumers require together, external electricity will be needed. SmartGrid is a digital control input allowing external signals to influence the electricity usage of the heat pumps.

Features:

- Energy label A
- Full colour touch screen
- Automatically adjusts heating capacity to suit weather conditions
- "All season" model works until -15°C
- Quiet running with low noise rotary compressor and low noise variable speed fan motor
- Reduce energy consumption by using power/smart/silent modes
- Automatic heating and cooling
- Automatic defrost

- Efficient COP up to 16
- Cabinet made of ABS
- Titanium twisted heat exchanger resist to salt and chlorine
- Soft start, no voltage peaks
- R32 gas, which has a 3x lower GWP (Global Warming Potential) than the R410A
- Winter cover included
- Maximum pool volume depending on environmental conditions
- 5 years warranty for heat pump, 10 years warranty for compressor and heat exchanger

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