

# Vitrifrigo ND35 OR2-V

## Refrigeration unit 12V-24V



### Product description:

Vitrifrigo ND35 OR2-V Refrigeration unit 12V - 24V

Vitrifrigo ND35 OR2-V is a refrigeration unit equipped with a BD35F compressor, powered at 12 or 24 V, for the construction of nautical and mobile refrigerator systems.

Refrigeration units are available following verification of compatibility with vessel dimensions and required power. Contact us for more information.

The Vitrifrigo ND35 OR2-V refrigeration unit works by cooling the air inside a closed environment, removing excess humidity and maintaining a constant temperature.

Equipped with a thermostat that monitors the air temperature inside the room and automatically adjusts the operation of the system to maintain the desired temperature.

The refrigeration units consist of an evaporator unit, condenser and a compressor designed for the creation of capillary refrigeration systems with evaporation temperatures between  $-25^{\circ}\text{C}$  and  $+10^{\circ}\text{C}$ .

Vitrifrigo ND35 OR2-V is equipped with a compressor electronic control unit which adjusts automatically based on the power supply voltage. The compressor is able to operate silently, efficiently and safely up to a permanent inclination angle of  $30^{\circ}$ .

The control electronics, in order to avoid premature breakdowns of the compressor due to too frequent thermostatic cycles, are programmed to generate a 3-minute delay between each stop and the subsequent restart. The Vitrifrigo ND35 OR2-V control unit is a device with the possibility of two different power supply voltages. This means that it can be used in both 12V and 24V power systems.

Thanks to its intelligent design, the Vitrifrigo ND35 OR2-V refrigeration unit maintains a constant

and controlled temperature within the environment, ensuring the freshness of your food and beverages in any situation.

With its advanced electronic control unit, the Vitrifrigo ND35 OR2-V automatically adjusts to the available power voltage, offering unparalleled flexibility for your refrigeration applications.

Equipped with an intelligent control system, the Vitrifrigo ND35 OR2-V protects the compressor from overly frequent thermostatic cycles, ensuring long-term durability and optimal performance.

#### TECHNICAL SPECIFICATIONS OF VITRIFRIGO ND35 OR2-V:

Power supply voltage: 12 / 24 V

Compressor type: BD35F

Displacement: 3.97 cc

Engine: 1/6 Hp

Absorption: 60/65

Adaptable gas: R404a/R507 HPB

Condenser: Ventilated finned pack

Width: 360 mm.

Height: 155 mm.

Depth: 135 mm.

Standard equipment: 12/24Vdc without quick couplings

Optional equipment: 12/24Vdc - 100-240Vac 50/60Hz with quick couplings

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to Vitrifrigo refrigeration units or other specialized brands .

For more technical information, please refer to the attached data sheet.

The images and technical data are not binding and may be subject to revisions by the manufacturer.

#### **Product features:**

Voltage (V): 12 / 24

Length (mm): 360

Width (mm): 155

Height (mm): 155

Power consumption (W): 60/65W

Product type: Unità refrigerante

Standard equipment: 12/24Vdc without quick couplings

Optional equipment: 12/24Vdc - 100-240Vac 50/60Hz with quick couplings

