



## RIMOR VFR500 093F3 INVERTER THREEPHASE 90KW IP23

Reference: VFR 500 093 F3 IP23

### INVERTER VFR500 093F3 THREEPHASE 90KW

The Inverter VFR500 093F3 threephase of 90KW power is a voltage and frequency converter capable of generating a voltage and frequency controlled threephase system to make it possible to vary the speed of threephase asynchronous motors or vector motors.

The Inverter VFR500 093F3 is equipped with a display for reading and programming with the possibility to activate a very large number of functions, to satisfy every industrial application.

The application of inverters to the various operating machines (pumps, fans, conveyor belts, mills, etc.) allows to obtain a real energy saving, as only the actual power needed is consumed. In fact, the starting by inverter is done by absorbing the actual necessary current, so it is not necessary to take into account the high inrush currents present in case of starting with other systems.

The ThreePhase Inverter 90KW has a housing with IP23 degree of protection, it is shielded from solid bodies larger than 12mm in diameter and shielded against water drops with an angle of less than 15°.

The abbreviation IP corresponds to International Protection Rating and, following the IEC 60529 standard, identifies the degrees of protection of enclosures for electrical devices.

This standard was also created to avoid an excessive use of vague terms, such as "waterproof". Thanks to the IP protection rating it is instead possible to be more exhaustive and precise, clearly defining to what extent the device is shielded against the intrusion of solid and liquid bodies, dust and accidental contact.

The inverter VFR500 093F3 90KW can also be supplied with IP 54 degree of protection.

#### TECHNICAL CHARACTERISTICS OF THE THREEPHASE INVERTER VFR500 093F3

Input Voltage: 380V  
Maximum exercise power: 90KW  
Overload: 120%  
Maximum output frequency: 500 Hz  
Min. operating temperature: -10.00 °C  
Max working temperature: 40.00 °C  
Length: 328 cm  
Width: 355 cm  
Height: 575 cm

If you are looking for an Inverter with other features or more power than 90KW then we suggest you to browse our wide [catalogue](#)

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	90
Protection degree	IP23
Gas consumption (Kg/h)	1