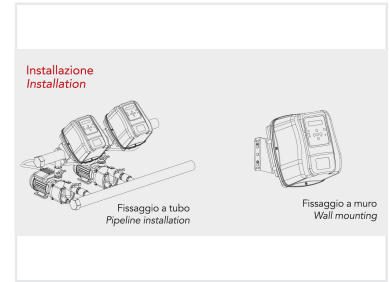
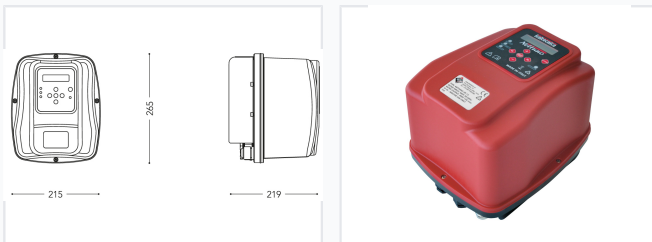


# Electronic Pump Inverter with Motor Control

This electronic device uses inverter-based technology to control electric pump functions. It modulates the motor's input current frequency to adjust the speed according to the system's water demand.



## ADDITIONAL IMAGES



## Overview

### Intelligent Pump Control

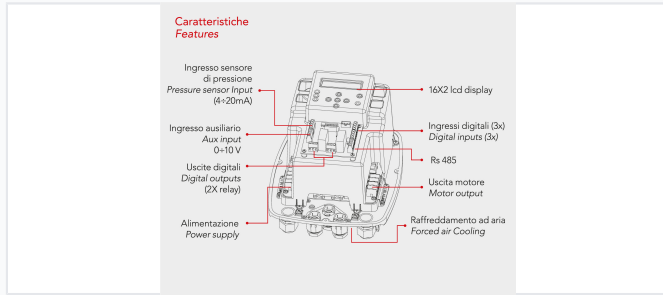
This electronic inverter utilizes advanced frequency modulation technology to control traditional electric pumps, including surface, vertical, and submersible models. By adjusting motor speed according to real-time system demand, it ensures constant pressure and significant energy savings. The device features a soft-start function to prevent water hammer, built-in protection against dry running, and leak monitoring for reliable, long-term operation.

## Key Features

### Operational Capabilities

Constant Pressure Control, Soft-Start/Stop, Dry Running Protection, Automatic Reset, Leakage Monitoring, Anti-Seize Function

## Technical Specifications



Detailed view of the inverter's input/output ports, LCD display, and communication interfaces.

TECHNICAL DATA	NETTUNO 3P-13A	NETTUNO 3P-9A	NETTUNO 3P-6A	NETTUNO UNIVERSAL
Alimentazione di rete Power supply	Trifase / Three-phase 400Vac ±10% - 50/60Hz			Monofase / Single-phase 230Vac ±10% - 50/60Hz
Uscita motore Motor output	Trifase / Three-phase 400Vac			1x230V - 10,5A max 3x230V - 9,7A max (selectable)
Potenza massima motore Max. motor power	13A	9A	6A	
Raffreddamento Cooling	Ventilazione forzata aria / Forced air ventilation		Aria / Air	Ventilazione forzata aria / Forced air ventilation
Ingressi analogici Analog inputs	4-20mA (sensore pressione / 0-10V (aux.))		0+10V (aux.)	4-20mA (sensore pressione / pressure sensor)
Ingressi digitali Digital inputs	3 inputs (enable, error, 2 <sup>nd</sup> set-point)			
Uscite digitali Digital outputs	2 relay (funzioni programmabili/programmable functions)			1 relay (funzioni programmabili / programmable functions)
Gruppi di pressurizzazione Booster sets	Fino a 8 pompe / Up to 8 pumps			
Max. temperatura ambiente Max ambient temperature	45°			
Grado di protezione Protection degree	IP44			

Technical comparison of NETTUNO series models, including power supply and cooling configurations.

### Electrical Ratings

**400 V**

Rated Input Voltage

**50 Hz**

Frequency

**13 A**

Max Output Current

### System Configuration

- Supports up to 8 pumps in booster sets
- 4-20mA analog inputs for pressure sensors
- RS485 communication port
- Forced air cooling system
- 16x2 LCD display interface

### Model Performance Data

Model	Power Supply	Max Motor Current	Cooling
3P-13A	400Vac	13	Forced Air
3P-9A	400Vac	9	Forced Air
3P-6A	400Vac	6	Air

## Physical Dimensions

### Physical Size

**265 mm**

Height

**215 mm**

Width

**219 mm**

Depth

### Environment & Mounting

- Indoor use only
- IP20 protection rating
- Pipeline installation compatible
- Wall mounting compatible
- Max ambient temperature: 45°C