

ECONOMY PRO



Frequency inverter for intelligent pump control

Energy-saving frequency inverters for intelligent pump management up to 7.5 kW with simple operation. These inverters ensure constant pressure in the water supply system and protect the pump against dry running, overheating, and overload of three-phase motors.

Characteristics

- clear digital display with LED indication and easy operation
- 5 control modes and support for connecting up to 6 pumps
- **supplied with pressure sensor** and universal mounting bracket

Functions

- 5 control modes: constant pressure, constant differential pressure, constant temperature, constant differential temperature, and manual control
- dry-run protection
- overvoltage and undervoltage protection
- short-circuit protection
- high and low water pressure protection
- overheat protection
- phase failure protection
- overload protection
- pressure sensor failure protection
- anti-freeze protection

Features

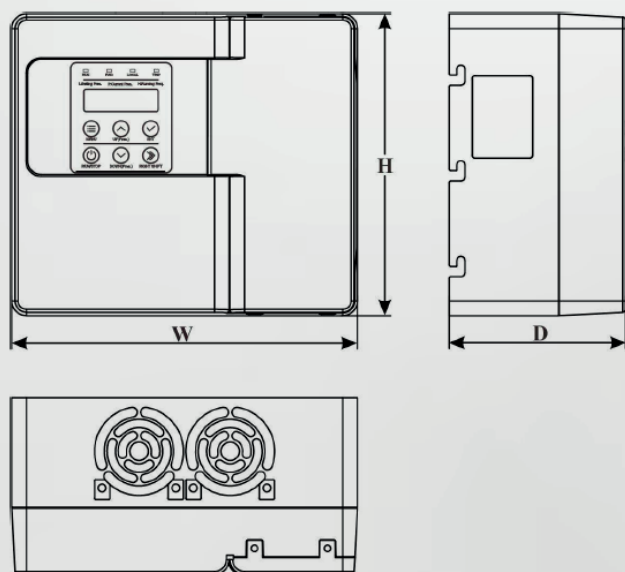
- automatic control and constant pressure water supply
- built-in PID control can automatically stop the pump when no water is used and restart it when water is needed
- auto start on power-up (power-on restart)
- automatic restart in case of power failure
- energy saving: automatic standby mode when all available water has been pumped
- automatic switch of the main unit in case of sensor failure
- real-time error parameter recording for troubleshooting
- pressure sensor range: 0 ~ 10 bar
- pressure detection signal input: 4 ~ 20 mA/0.5 ~ 4.5 VDC
- protection IP54

Application

- ambient temperature range: -10° ~ +40°C
- installation height: less than 1000 m
- suitable for water supply in office buildings, hotels, shopping malls, stadiums, airports, golf courses, hospitals, schools, farms, orchards, residential areas, cottages, etc.



Type		ECONOMY PRO 3000 3-3	ECONOMY PRO 7500 3-3
Max. power input		3 000 W	7 500 W
Input voltage		3x400 V	
Output voltage		3x400 V	
Input current		9 A	25 A
Output current		6.8 A	18.5 A
Dimensions	H	170 mm	205 mm
	W	190 mm	235 mm
	D	110 mm	120 mm
Weight		2.22 kg	3.35 kg



Example of application

