

INSTRUCTIONS FOR CORRECT UNIT INSTALLATION

If be column of water between the pump and the highest tap exceeds 15 mts, the unit cannot be installed directly on the pump, but it has to be raised until the column of water between the unit and the highest tap does not exceed 15 mts. I.E.If column of water is 20 mts. From the pump, the unit must be placed 5 mts higher than the pump.

The unit is equipped with a check valve to prevent the pipeline from losing pressure.

No taps can be installed between the pump and the unit.

PUMP'S PRESSURE

The unit is pre-set by the manufacturer at a restarting pressure of 1.5 bar. The pressure produced by the pump must be normally 0.8 bar higher than the pre-set pressure. Before starting the unit check suction and ensure that the pump is primed.

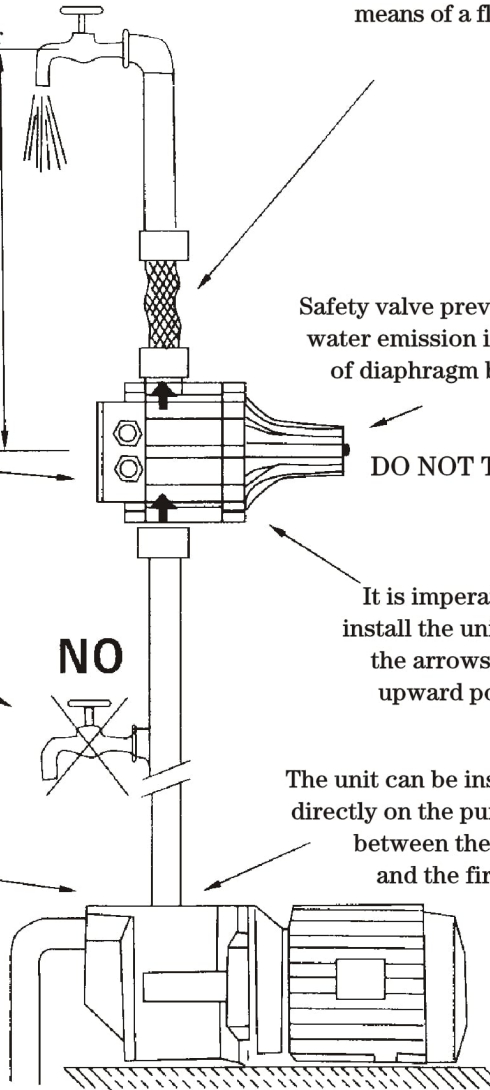
It is advisable to connect the unit outlet to the system by means of a flexible hose.

Safety valve preventing water emission in case of diaphragm breaks

DO NOT TOUCH

It is imperative to install the unit with the arrows in the upward positon.

The unit can be installed directly on the pump, or between the pump and the first tap.



Function:

1. Start and stop the pump automatically
2. Protect the pump from damage caused by dry-running
3. Examine the water automatically

State LED:

1. Red led lights up: the unit is off
2. Green led lights up: the pump stops
3. Red led and green led flash alternately in slow speed: pump in operation
4. Red led and green led flash alternately in high speed: pump stops, waiting to start
5. Press the ON/OFF button for one second to start the unit; press the ON/OFF button for five seconds to stop the unit

Description for the exam process:

While the pump is in the absence of the water, it will start the first exam after 3 mins, it will last 50 seconds; Then the unit will examine in the following second to twelfth time in every 30 mins, and exam time will last 50 seconds; And the unit will examine in the following thirteenth to forty-seventh time in every 60 mins, exam time will last 50 seconds. The unit will stop in the forty-eighth exam. During the exam process, it lasts 41 hours.

Technical parameters:

Rated voltage: 220-240V, 110-115V

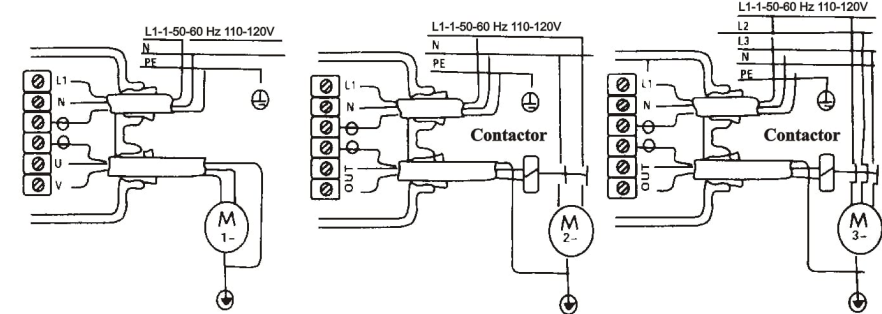
Frequency: 50/60HZ

Max.current: 10(6)A

Protection grade: IP65

Starting pressure setting : 1.5 bar or 2.2 bar

WIRING DIAGRAMS FOR CONNECTING THE UNIT TO DIFFERENT KINDS OF PUMP'S MOTORS



Wiring diagram for connection of single-phase 110V pumps up to 1.1 Kw.

Wiring diagram for connection of single phase 110 V pumps over 1.1 Kw. Through remote control switch.

Wiring diagram for connection of three phase 380 V motor pumps through remote control switch.

SPECIFICATIONS FOR REMOTE CONTROL SWITCH
Minimum contacts capacity of 4 Kw or 5.5HP approx. 220V

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