

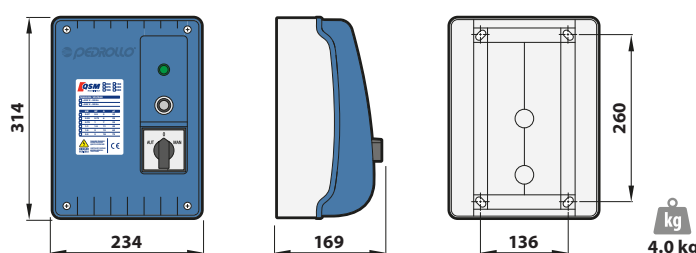
 Domestic use

TECHNICAL DATA

MODEL	Motor power (P ₂)		Capacitor capacity	Rated current*
Single-phase	kW	HP		
QSM 050	0.37	0.50	20 µF	5 A
QSM 075	0.55	0.75	25 µF	6 A
QSM 100	0.75	1	35 µF	7 A
QSM 150	1.1	1.5	40 µF	11 A
QSM 200	1.5	2	60 µF	13 A
QSM 300	2.2	3	75 µF	18 A

(*) To match the panel with the pump correctly, check that the motor's rated current comes within the value ranges given in the table

DIMENSIONS (mm)



INSTALLATION AND USE

QSM is a control panel for starting up and protecting single-phase 4" submersible borehole pumps by level probes. It is suitable for pumping groundwater for irrigation and pressure boosting systems.

PRODUCT DESCRIPTION

The **QSM** control panel switches the pump on by the level probes, while a manual or automatic operation selector switch enables starting up the pump directly (MAN) or with a float switch or a pressure switch (AUT).

A thermal decoupler stops the pump motor in the event of a current overload, while the level probes ensure protection against dry running.

MAIN FEATURES

- Power supply **1~230 V ±10% – 50Hz**
- Ambient temperature from **-5 °C to +40 °C**
- Relative humidity **50% at 40 °C**
- Protection rating **IP55**
- Selector switch for manual or automatic operation (MAN-AUT)
- Capacitor (supplied with the panel)
- Green light for pump operation
- Thermal protection switch with manual reset button
- Connection terminal board equipped with contacts for a float switch (or pressure switch) and level probes
- 3 Level probes (supplied with the panel)
- IP55 cable glands (tear-resistant for the connecting cables)

INSTALLATION EXAMPLES

