

# METERS & CONTROLS

The **QA** is a basic control panel with a thermo-plastic IP50 enclosure for use with float switches or probes to control a single phase (D.O.L. 230V) or a three phase (D.O.L.400V) pump. It features motor protection, with a wide current range, that can be manually adjusted and set to a motor's full load current, avoiding the usual, awkward overload changes. One panel type is therefore suitable for a broad range of motor sizes. The panel also includes a low voltage transformer, motor fuses and hand/off/auto switch (capacitors, for single phase use, are excluded). Optional extras available are IP54 enclosure, audible alarms, audible/visual alarms, remote control and timed control.

The **QMD** and **QTD** are sewage control panels with a thermo-plastic IP55 enclosure for use with float switches to control two single phase (D.O.L. 230V) or two three phase (D.O.L.400V) pumps. They feature motor protection, with a wide current range, that can be manually adjusted and set to a motor's full load current, avoiding the usual, awkward overload changes. One panel type is therefore suitable for a broad range of motor sizes. They also include low voltage transformer, motor fuses, hand/off/auto switch, run and trip indicator lamps, auto-changeover relay, built in alarm output and duty/standby or duty/assist option. Capacitors, for single phase use, are not supplied. The panels can be used with 3 or 4 float switches, differential or direct. Optional extras available are audible alarms, audible/visual alarms, remote control and timed control.

The **S90** and **SAL90** are wall mounted audio visual alarms with thermo-plastic IP54 enclosures. The S90 houses an audible warning buzzer and small LED lamp, while the SAL90 houses an audible warning buzzer and a 3 watt amber flashing beacon. Both have an internal board with protection fuse to accept low voltage input from a control panel. Noise level to 90dBA.

model	power range (kW)	current (amps)	duty
QA/50B	0.37 - 2.2	2 - 18	1 x 1ph 110V
QA/50B	0.37 - 2.2	2 - 18	1 x 1ph 230V
QA/61C	0.55 - 5.0	2 - 11	1 x 3ph 400V
QA/62C	0.55 - 7.0	2 - 16	1 x 3ph 400V
QA/64C	7.5 - 13.5	16 - 29	1 x 3ph 400V
optional extra: IP54,audible, visual alarm,remote timed control.			

model	power range (kW)	current (amps)	duty
QMD20/22	0.37 - 2.2	2 - 18	2 x 1ph 230V
QTD20/5	0.55 - 5.0	2 - 11	2 x 3 ph 400V
QTD20/7	0.55 - 7.0	2 - 16	2 x 3 ph 400V
QTD20/10	7.5 - 10.0	16 - 29	2 x 3 ph 400V

model	voltage
S90	24
S90	230-400
SAL90	24
SAL90	230-400

## QA QMD & QTD S90 & SAL90

- ✓ Clean water
- ✓ Sewage
- ✓ Agriculture
- ✓ Processing
- single pump control
- twin pump control
- audible alarm
- audible & visual alarm
- single phase
- three phase



QA



QMD/TD



S90



SAL90

CONTROL PANELS & ALARMS