

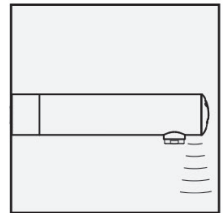
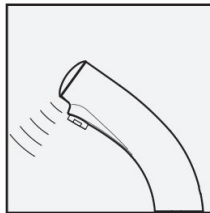
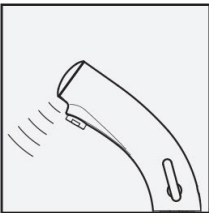
# TEMPOMATIC 3

492006, 442006, 443006

# DELABIE

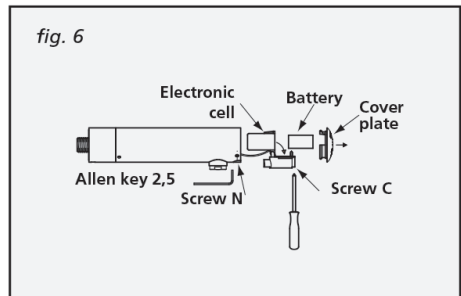
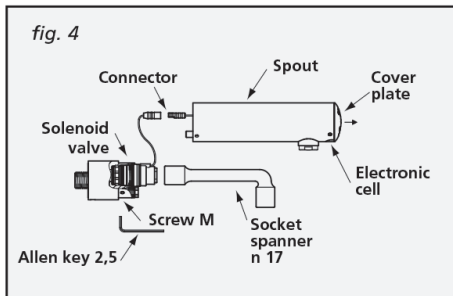
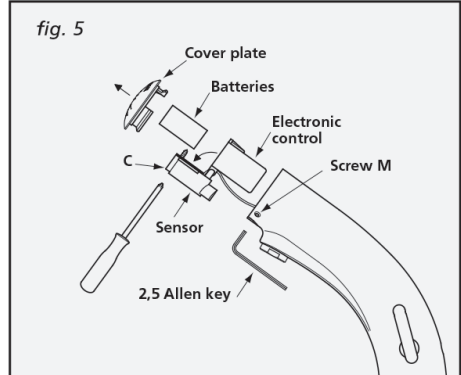
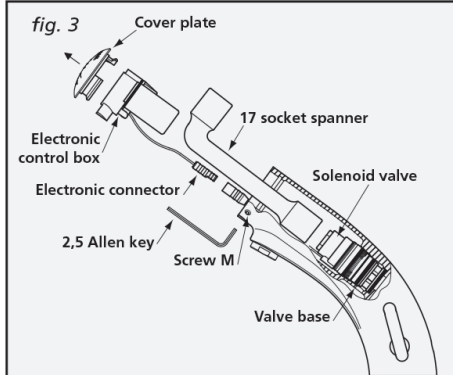
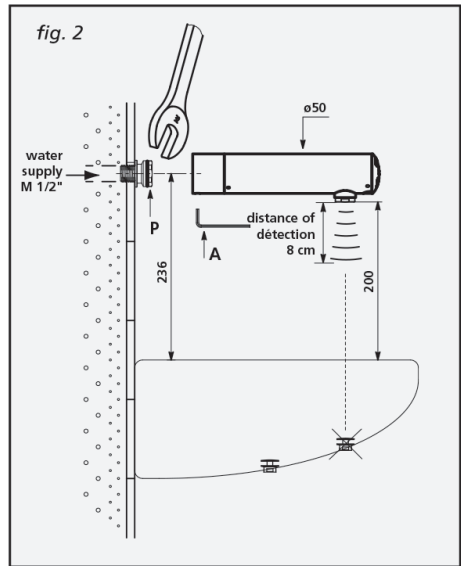
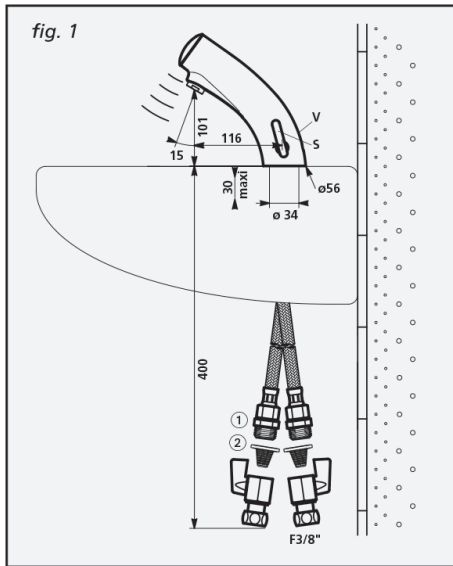
Basin electronic valve or mixer with integrated  
batteries, infrared detection of presence

CE Appliance in conformity with European Rules 89/336/CEE 102.



# MACDONALD INDUSTRIES LIMITED



## INSTALLATION INSTRUCTIONS



## FUNCTIONING

- Automatic opening as soon as hands approach the sensor water starts flowing. Automatic shut-off 3 sec. after hands are removed from the sensor field.
- Lateral temperature selector.
- Anti-blocking safety device: automatic shut-off after 24 sec. in case of permanent detection (automatic re-opening as soon as hands approach again).
- In the case of low-powered batteries, the solenoid valve will stop functioning: the LED on the electronic box will flash for 15 days.

## INSTALLATION

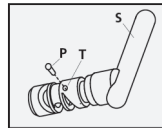
- Ensure that hot and cold water supplies are thoroughly flushed, before connecting flexible hoses. (impurities, copper ... can damage nonreturn and solenoid valves).
- Set the body of TEMPOMATIC on the washbasin: drilling hole Ø34 mm (types 442/492). Overtighten the 2 nuts before tightening both screws of the flange.
- Do not remove non-return valves  integrated in the flexible connectors.
- Fit the filters supplied  order to protect the non-return and solenoid valves.
- Balance hot and cold water pressures ( $\Delta P < 1$  bar) and connect isolation valves to hot and cold inlet pipes.
- The plug hole should be off-set from the axis of the sensor detection zone to avoid self-detection fig. 1.

## COMMISSIONING

- At the commissioning, water runs during 12 sec. and then stops. **IMPORTANT:** place an object very close to the sensor during 24 sec. (during this time, length of detection adjusts itself automatically according to the depth of the washbasin).
- Minimum ambient température ambiante of functioning: 7°C minimum.

## MAXIMUM TEMPERATURE CONTROL (mixers)

- The limiting device is not pre-set and should be adjusted on-site for anti-scalding safety: (temperature in maximum position must not exceed 50°C (122°F).
- Remove the screw (V) with a 4 mm Allen key.
- Remove the temperature mixing device (S) fig. 1.
- Remove the cap (P) from hole (T).
- When the temperature lever selector is in its maximum position for hot water, cold water can flow through the hole (T). Outflow temperature is consequently decreased of about 10°C.



## RECOMMENDATION:

- Appropriate diameter of water supplying pipe avoids water hammering and pressure/ flow rate losses (see table of calcul on our catalogue).
- We recommend to protect the installation with filters, water hammer absorbers, pressure reducers in order to decrease the frequency of maintenance (recommended pressure from 1 to 5 bar maximum).
- Stop valves installed upstream connections are useful for servicing.
- Pipes, stop cocks, drawing taps and all other sanitary fittings must be controlled as frequently as necessary, at least every year.

---

## CLEANING & SERVICING

- Chrome cleaning  
The plated chrome must only be cleaned with soapy water and soft cloth. Never use abrasive or chlorine, or other chemical products.
- Risk of freezing  
Bled the pipes by operating several times the appliance in order to clear off the valve.

## MAINTENANCE

### Solenoid valve replacement (fig. 3 & 4):

- Turn off the water supplies (Hot and cold)
- With a 2,5 mm Allen key : unscrew the 2 screws (M) (N on type 443), without removing them, in order to remove the top cover plate, lightly swiveled on lower side. Disconnect the connector, and remove the electronic control box.
- With a 17 socket spanner: unscrew the solenoid valve, keeping the cable and base in position.
- Set up the new solenoid valve, and lightly press it down to connect with its base (hold the cable against the socket spanner, and screw the solenoid valve down with care in order to not damage the thread).
- Connect the connector to the electronic control box (do not put back on position yet).
- Turn on the water supplies, and test the opening and shut-off, with hands approaching and removing in the sensor field. Check the watertightness of solenoid valve inside the body: in case of leakage, lightly screw the solenoid valve back again.

- Put back the cover plate on the electronic control box, and put back together in position. Screw back the 2 screws (M) with care.

### Battery change (fig. 5 & 6):

- In the case of low-powered batteries, the solenoid valve will stop functioning: the LED on the electronic box will flash for 15 days.
- Unscrew the 2 screws (M) without removing them, with a 2,5 mm Allen key, in order to remove the cover plate, lightly swiveled on lower side.
- Unscrew the (C) screw in order to change batteries, keeping the joint in position,
- Put back together, lightly screwing back the 2 screws (M) with care.



**MACDONALD  
INDUSTRIES LIMITED**

### **Auckland (Head Office)**

20 Carr Rd, Three Kings

Auckland 1041

P: 09 624 1115

F: 09 624 1110

E: sales@macdonaldindustries.co.nz

### **Wellington**

P: 04 569 8033

F: 04 569 8066

### **Christchurch**

P: 03 348 2356

F: 03 348 2376

[www.macdonaldindustries.co.nz](http://www.macdonaldindustries.co.nz)