



Water & Sewage  
Pumping and  
Treatment Engineers

*The Pump People.*

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**Amos Break Tanks consist of a heavy-duty polyethylene tank carrying a PM46 rinse-boost pump and an automatic pump control.**

Amos Break Tanks provide a stored water facility and are useful in low pressure supply areas. They also offer protection against water-supply contamination caused by backflow.

They are intended primarily for installing into water feeds to appliances used in the licensed, catering and laundry trades, and in certain water-treatment installations.

The units include a high-quality PM46 pressure-boosting brass pump; a hygienic, easy-clean, 40-litre polyethylene tank complete with ballvalve water inlet and overflow; and a Press-control electronic pressure control. No bulky pressure vessel is needed.

They are supplied complete and ready to connect and run.

**Complete assembly**  
Material Medium-density polyethylene  
Overall width 230mm  
Overall depth 450mm  
Overall height 1010mm

**Tank**  
Footprint 420mm x 230mm  
Capacity 40 litres nominal.  
Max water temp 65deg C.  
Inlet 1/2in BSP male.  
Max inlet pressure 7 bar  
Overflow Solvent-glued fitting

**Pressure control**  
Housing GRP.  
Diaphragm EPDM.  
Spring Steel C72 UNI 3545.  
Supply 230V, 1ph, 50Hz.  
Pump Amps up to 10(6)A.  
Pump power up to 1.1kW.  
Max pressure 10bar.  
Max water temp 60deg C.  
Max head 15m.  
Discharge 1in BSP male.



**Break Tank Options for Laundry and Dishwashing Appliances**

The automatic pressure control maintains a constant pressure of 1.5 bar in the supply line. When an appliance calls for water, the resulting pressure drop switches the pump on; when demand ceases, the pump is switched off. There are no repeated start-stop cycles during flow periods.

The Presscontrol also protects against the pump running dry, and eliminates water-hammer. It requires no maintenance or regulation.

Power-on, pump-on and failure lights make clear the state of the unit. After correcting the cause of a failure, the restart button must be pressed in order to restore normal operation.

Manufacturers reserve the right to change specifications without prior notice

Leaflet BT/40 laundry-Fe602