



Water & Sewage
Pumping and
Treatment Engineers

The Pump People.

Amos Pumps (UK) Ltd
Wendron, Helston,
Cornwall. TR13 0PY
Tel: 01326-573341
Fax: 01326-572322

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.

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



Visit our website for details of our full range of pumps and accessories. www.amospumps.com

Leaflet BT40 laundry-Fe602