WaterBoost

Reserve 72 Kit ATX-100

Part no. WB-R72-100



3-Day Emergency Water Survival Supply

Better water pressure every day. Drinking water when the supply fails.

The WaterBoost Reserve 72 Kit ATX-100 stores up to **60 litres** of mains water in a sealed, pressurised vessel. That meets the UK guideline of 3 litres of drinking water per person per day for 3 days for **up to 6 people**, and it still flows if the power goes off.

60 L	6 people
Stored water reserve	3 days of drinking water
<0.7 bar	**3.2 bar**
Low pressure warning	Boosted pressure

Water if the mains fails · Water if the power fails · WRAS approved ATX · Sealed, no overflow · 5 yr tank · 3 yr pump

What is in the kit

WaterBoost ATX-100

Sealed 100 L accumulator booster. Boosts mains pressure every day and holds up to 60 L in reserve. Only makes up the mains shortfall, with no open tank and no overflow.

1" inlet assembly



Pre-assembled brass tee with the low pressure warning device, coupled to a 1" DZR double check valve with test point.

Reserve 72 instruction label

Fixed beside the unit. Tells everyone in the home what the warning means and how to make the stored water last: drinking and cooking first, flushing to a minimum.

How the kit works

1. **Every day**
   The ATX-100 boosts your mains to 3.2 bar and keeps its sealed vessel charged with fresh mains water.
2. **Mains failing**
   Below 0.7 bar the supply is failing: the warning device flashes and sounds. Fill a kettle and jugs while the mains lasts.
3. **On your reserve**
   The double check valve holds the stored water in your home. Taps keep running from the vessel.
4. **Power cut**
   The pump stops but the vessel is already under pressure, so its stored water still flows.
5. **Supply returns**
   The ATX refills and recharges automatically. The warning device resets itself.

Make it last: the 3-day figure is drinking water only. A toilet flush uses around 6 L, so the same 60 L is only about 10 flushes. Pressure falls as the vessel empties, and the reserve refills only when mains water returns.

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Installation layout

Mains in
Stop tap

›

PRV
Only if static mains is over 5 bar

›

1" inlet assembly
Warning device, then double check valve

›

ATX-100
Booster + stored water

›

Home
Taps, WCs, boiler

Installer notes: fit the pre-assembled inlet assembly on the incoming main before the ATX, flow arrow towards the ATX, so the warning device reads true mains pressure. The ATX has ¾" BSP male connections; reduce from the 1" assembly. The warning device is rated to 5 bar; above 5 bar static, fit a pressure reducing valve first. Fix the Reserve 72 label where the household will see it and leave access to the pump dock. Install to the Water Supply (Water Fittings) Regulations.

Technical specifications

Kit part number	WB-R72-100
Booster	WaterBoost ATX-100, variable speed inverter pump
Vessel volume	100 L, sealed, no air contact
Stored water reserve	Up to 60 L
3-day drinking water (3 L/person/day)	Up to 6 people
Boosted pressure	3.2 bar
Sustained boosted flow	17 l/min at 3.2 bar*
After stored volume is used	12 l/min at 3 bar while mains is present
ATX connections	2 × ¾" BSP male, multi-directional
Inlet assembly	1" BSP, pre-assembled brass tee + DZR brass double check valve with test point
Low pressure warning device	Alerts below 0.7 bar · max 5 bar · CR2032 battery · LED + audible · silence button
Vessel height	805 mm
Vessel diameter	430 mm
Width with pump alongside	590 mm
Noise	40 dB(A)
Protection	Built-in dry-run protection
Control	WiFi with DConnect app and on-unit display
Approvals	ATX system WRAS approved
Warranty	5 years tank · 3 years pump

*How long the sustained flow lasts depends on your mains flow and demand.

Choose your size

Kit	Stored	People, 3 days	Best for
ATX-60	36 L	Up to 4	Flats, studios, single shower
ATX-100	**60 L**	**Up to 6**	**Shower + tap at once**
ATX-150	90 L	Up to 10	One shower, more reserve
ATX-200	120 L	Up to 13	Family homes
ATX-300	180 L	Up to 20	Two+ showers at once

At 3 L per person per day for 3 days (9 L each). Size on mains flow, showers in use at once and space.

In an outage

Warning sounds: save water; fill a kettle and jugs.
Mains off: drink and cook from the stored water first. No baths or long showers.
Power off: stored water still flows; a combi boiler will not heat it.
Water back: the unit refills itself. Follow any advice from your water company.
Once a year: change the warning device battery (CR2032).