Buffer Stores

The modern solution

The cylinder type buffers – from 20 to 500 litres, are made in the UK from Duplex stainless steel and are finished in a smart case. All buffers have four tappings (excl 20 Litre) for flexible configuration – to prevent shorting, adding volume or simply as an accumulator.

Careful matching will enhance heat pump/low energy appliances by accumulating energy for use at peak demand.

Although buffers are mainly used in heat pump systems they can be used with wood burners and bio mass as accumulators, maximising gain from these fuel technologies.

Stainless steel buffers carry a 25 year guarantee and mild steel buffers are guaranteed for 2 years. Advance has worked with market leaders to ensure that the design and tappings configuration are compatible with most needs.

- **All standard size cylinders are stainless steel**
- **20 litre & 100 litre are mild steel compact units for versatile positioning**
- **Create a store of energy for space heating**
- **Fully insulated**
- **Sealed system or open vented**
- **Commercial sizes available**
- **25 year guarantee on stainless steel buffers**

Solid Fuel | Biomass | Heat Pump

25 YEAR GUARANTEE

2 YEAR GUARANTEE*

*Applicable to 20 litre & 100 litre buffer store

WRAS APPROVED PRODUCT

hot water association

Innovation at its best

From 20 litres to 500 litres capacity, the Advance Appliances range of Buffer Tanks is the culmination of years of supply to the trade. All buffers can be used safely in sealed systems and have appropriate tappings configurations for a wide range of applications.

Neat and insulated, Advance buffers are fitted with an immersion heater and temperature sensing point. A vent and drain is incorporated in all tanks. (excl 20 Litre)

Stainless steel buffers carry a 25 year guarantee and mild steel buffers are guaranteed for 2 years.

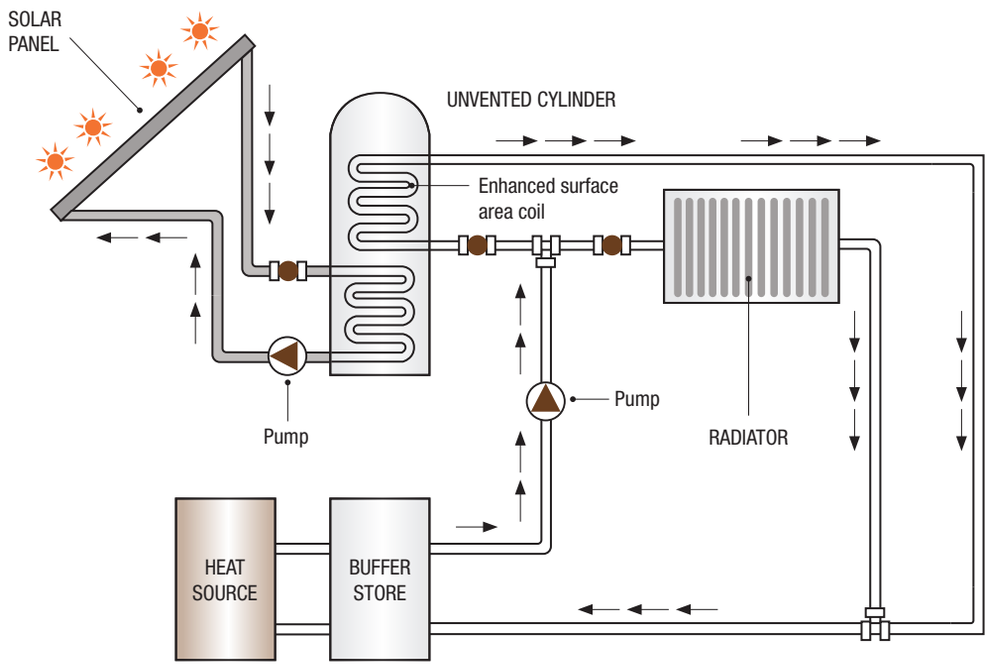
Mild steel 20 litre buffer

Wall hung mild steel with 28mm compression ends. Prevents shorting in heat pump systems. Suitable for sealed systems.

Mild steel 100 litre buffer

The 100 litre buffer shows innovation at its best. As a rectangular tank it is space efficient, only 420 mm high, and is constructed from mild steel.

It is strong enough to support up to a 300 litre heat pump cylinder offering a tidy footprint for installations without the floor space for two tanks, and can be used in sealed systems.



This schematic is for visual purpose only.

Installations will vary in accordance with heat pump manufacturers guidelines.

Specification

Code	Volume (LTR)	Size D x H (mm)	Heat loss (watts / class)	Immersion heaters	Tappings
BFS 20 *	20	270 x 520	41/ C	N/A	2 x 28mm comp
BFS 80	80	577 x 645	31 / A	1 x 3kW	4 x 28mm male
BFS 100 *	100	600 x 420	69 / C	1 x 3kW	4 x 28mm male
BFS 150	150	577 x 1086	44 / B	1 x 3kW	4 x 28mm male
BFS 215	215	577 x 1485	58 / B	1 x 3kW	4 x 2" BSP female
BFS 255	255	577 x 1753	63 / B	1 x 3kW	4 x 2" BSP female
BFS 305	305	577 x 2030	69 / B	1 x 3kW	4 x 2" BSP female
BFS 500	500	750 x 2004	99 / C	1 x 3kW	4 x 2" BSP female

Material	Duplex stainless steel except * mild steel
Max operating pressure and temperature	3 bar / 95°C
Insulation cylinders	Polyurethane foam injection
Insulation 100 litre tank	Rigid polyurethane
Thermostat probe pocket	Fitted to cylinder, 1/2" boss on 100 litre tank

* Mild Steel