

**ECO FLOW**

UNVENTED HEAT  
PUMP CYLINDER

**INTEGRAL BUFFER TANK  
PRE-PLUMBED UNITS SOLAR OPTIONS  
ALL AVAILABLE**



**McDonald  
Water Storage**

Hot Water Storage Solutions

## Unvented Mains Pressure System

Designed to enhance the performance of Heat Pumps, the ECOflow copper hot water cylinder, comes pre-fitted with our high performance heat pump copper coil. All the connections are compression fittings and suit standard heat pump installations. Insulated with a white cased finish, it delivers a GWP rating of <1 and an ODP of zero.

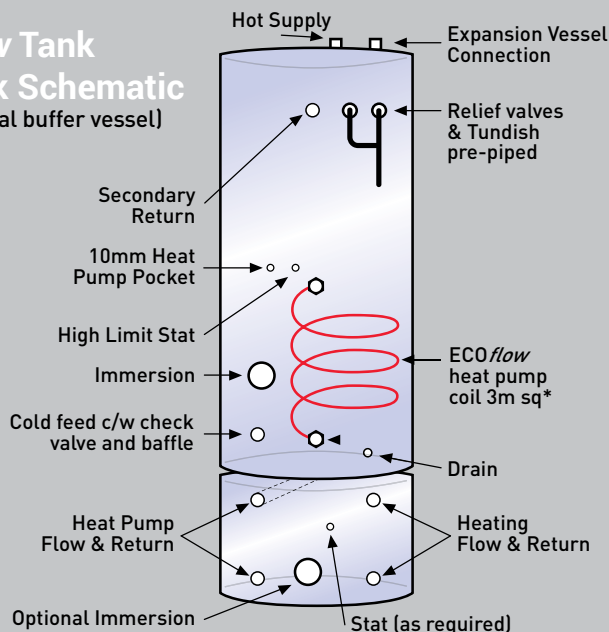
Our Tank On Tank unit, the first introduced in the UK, combines a buffer vessel situated below the ECOflow cylinder. Where a buffer vessel is required on the system, this unit takes up less space and has only one footprint. The units can also be pre-plumbed as required. A wide range of capacities and options are available.

## Why Copper Cylinders for Heat Pumps

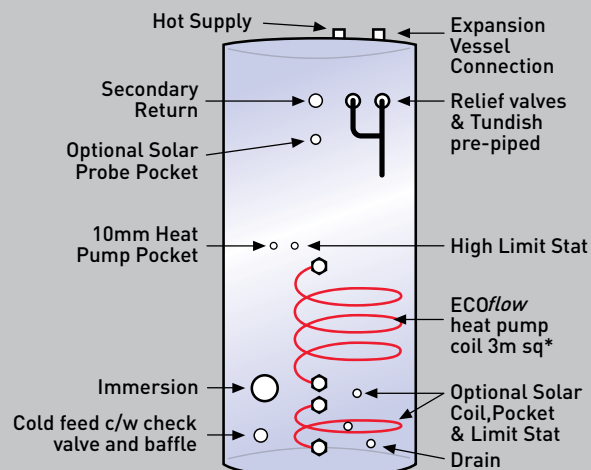
Many heat pump manufacturers are now insisting on the use of copper cylinders with their products, due to the improved performance copper offers.

- Cheaper running costs
- Copper's thermal conductivity rating is over 15 times greater than that of stainless steel.
- High efficiency finned copper coils, provide one of the most effective heat transfer processes on the market.
- Copper has unrivalled bacteria killing properties, even at the lower temperatures achieved by heat pump sources.
- Copper is 100% recyclable.

**ECOflow Tank On Tank Schematic (with integral buffer vessel)**



**ECOflow Schematic (with optional solar coil)**



## TECHNICAL DATA

### SIZING GUIDE

Installation	Indirect	Direct
1 bedroom + bath/shower	150	1125 x 550mm
2 bedroom + bath/shower	180	1325 x 550mm
3 bedroom + bath/shower	210	1525 x 550mm
4 bedroom + bath/shower	250	1525 x 600mm
Larger Properties	300+	1825 x 600mm

\* Other sizes and capacities available on request

\* Larger and smaller area coils readily available

### OPTIONS

- TANK ON TANK WITH INTEGRAL BUFFER VESSEL
- WIDE RANGE OF CAPACITIES AND SIZES
- PRE-PLUMBED OPTION
- EXTRA COILS – SOLAR, BOILER ETC
- VENTED OPTION
- UP TO 100mm LAGGING – IMPROVED SAP RATINGS
- COMMERCIAL UNITS

**We can go with the FLOW...**

Our products can be tailored to meet your exact needs, so you don't need to compromise. Contact McDonald Water Storage's Technical team on 01592 611123 or [sales@mcdonaldwaterstorage.com](mailto:sales@mcdonaldwaterstorage.com) and tell us what you want!

In the interest of continued development, the manufacturers reserve the right to change specification and design without notice.