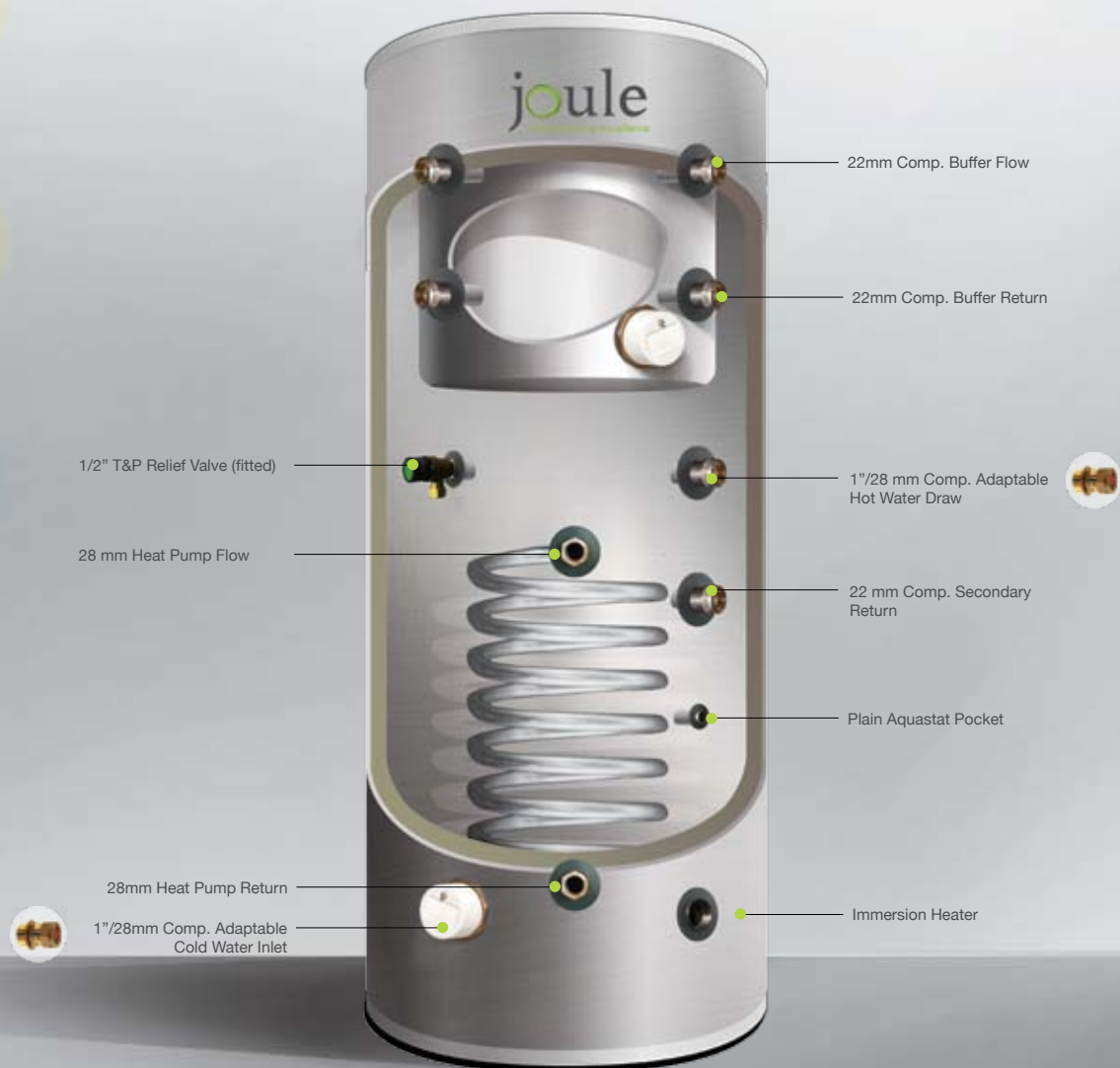


# Cyclone Tank On Tank

specifically designed to work with heat pumps



## Tank on Tank unit

As the renewable market moves forward to new requirements and solutions the Joule product portfolio expands. Joule has introduced a new addition to the Tank On Tank range of cylinders with the all in one Heat Pump/Buffer unit.

The alinging of a buffer unit within the casing of the Tank On Tank cylinder helps created a perfect solution for installers and home owners alike. This new concept allows both units to be fitted into a single space with minimum connection pipe work and a smart clean look. The unit is produced in 3 sizes to ensure requirements are met, but as with all Joule products if a special requirement is required our in house engineers will be able to help and offer advice.

## Immersion Heater options

Incoloy immersions come as standard in all Joule Cyclone Cylinders unless otherwise stated. Incoloy immersions are designed for low to medium use in a domestic application. If the water been stored is hard or the usage is high, Joule recommend Titanium Immersions.

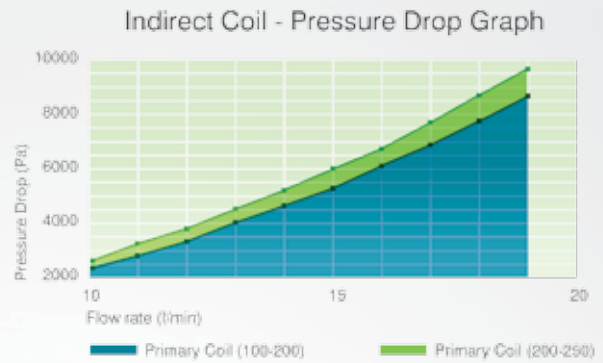
## Eco80

With the requirement for more energy efficient solutions, Joule offer the full Cyclone range with Eco80 specification. The eco 80 range increasea insulation thickness to 80mm nominal.

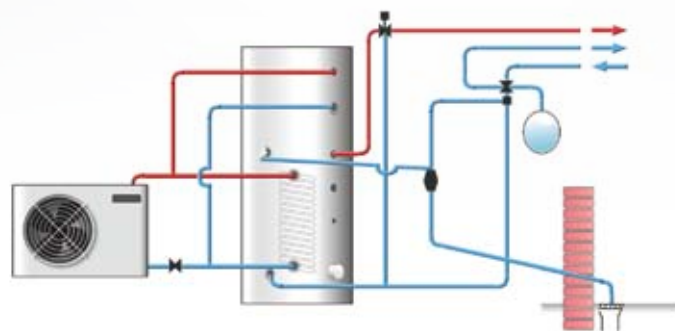


# Technical Information

	ESM1275HB	ESM1575HB	ESM2075HB
Volume (l)	125	150	200
Height (mm)	1560	1720	2020
Diameter (mm)	550	550	550
Buffer Volume (l)	75	75	75
Weight Empty (kg)	45	55	65
Weight Full (kg)	245	280	350
Reheat Indirect Total (min)	22	24	26
Reheat 3 kW Immersion Total (min)	65	75	95
EN12897 Prim. Heat Exchng (kW)	21	21	21
Standard Standing Loss kWh/Day	1.53	1.8	2.1
Eco80 Standing Loss kWh/Day	1.05	1.35	1.59



When using Eco80, dimensions will change to allow for extra insulation.



1	1	1	1	1	1	0	1	1
Temperature and Pressure Relief Valve	Expansion Vessel	High Flow Rate Inlet Control Set	Dual Thermostat	Incoloy Long 240V 3kW Immersion Heater	15/22 Tundish	22mm Thermostatic Mixing Valve	Expansion Vessel Hose	22 mm 2 Port Motorized Diverting Valve