

by  
copper  
industries



# Introducing the MaxiPod Energy Store

Mains Pressure System



Product of Copper Industries  
[www.copperindustries.co.uk](http://www.copperindustries.co.uk)

# maxi pod

# The MaxiPod System is available in many options and is simple and easy to install.



MaxiPod Thermal Storage Systems work by reversing the function of the Primary (Heating) and Secondary (Domestic) waters. The Primary water is stored in the cylinder and heated by either a boiler or immersion heaters. When heated by a boiler, the water can also be pumped around the radiators to provide space heating.

The Secondary water comes directly from the mains and passes through a specially designed heat exchanger which draws heat from the MaxiPod. This water then passes through a thermostatic mixing valve which blends it to the correct temperature before it reaches the taps.

#### **Why choose MaxiPod?**

- Vented mains pressure
- Instant hot water and heating
- Energy efficient, reducing running costs
- No annual maintenance/service
- Simple and easy to install
- No attic pipes to freeze
- Fresh water at hot and cold taps
- Suitable for multi-fuel situations

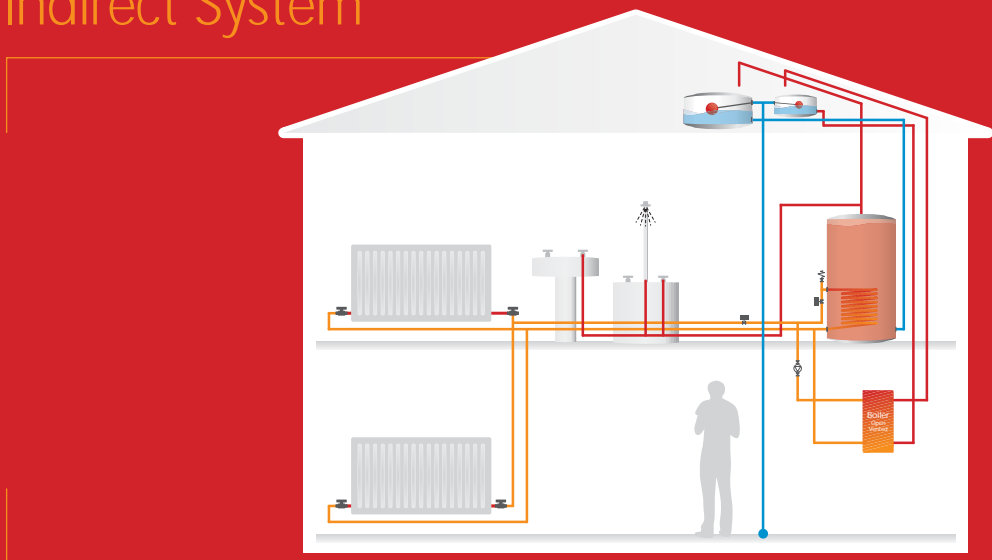
#### **The advantages of a copper cylinder**

- Tried and tested materials
- Proven to be safe and healthy in the home
- Long life span
- 100% recyclable, which benefits the environment

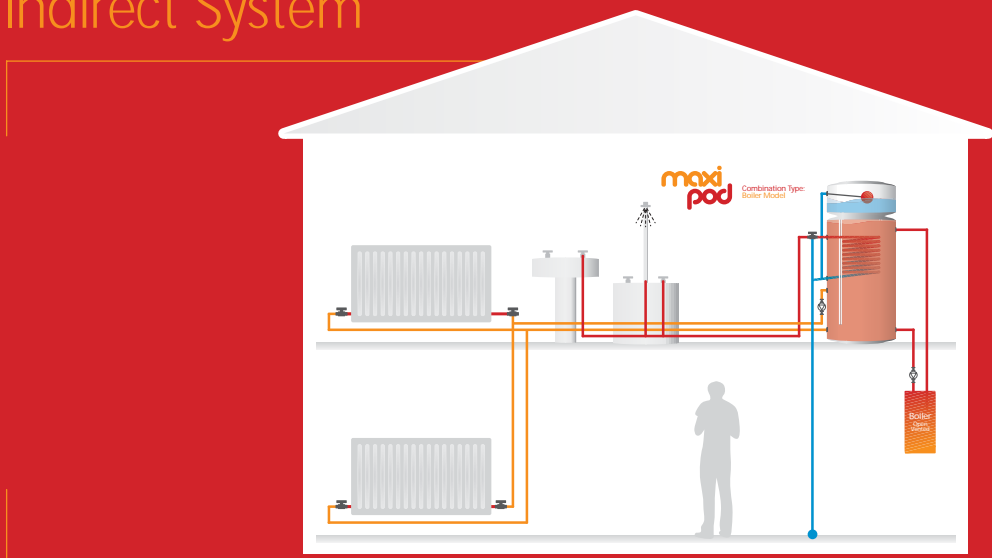
**maxi**  
**pod**

Call us now for  
more information  
T: 028 7965 9736

# Traditional Indirect System



# MaxiPod Indirect System





# Maxipod

## Technical Specifications

### Maxipod Sizing Guide

Model	120	140	180	210	250
Boiler Model – Bedrooms	1–2	1–3	2–4	3–5	4–6
Boiler Model – Baths & Showers	1 or 1	1+1	2+1	1+3 or 2+2	2+4 or 3+2
Heating Load Maximum (kW)	11	13	16	19	23
Hot Water Allowance (kW)	4	5	6	7	9
<b>Electric Model</b>					
Electric Model – Bedrooms	1	1–2	1–3	2–3	2–4
Electric Model – Baths & Showers	0+1	1+1	1+2 or 0+3	1+2	2+2 or 1+3
<b>Combination Unit</b>					
Combination Unit (Height x Diameter) (mm)	1130 x 450	1250 x 450	1500 x 450	1700 x 500	1700 x 500
Cylinder (Height x Diameter) (mm)	900 x 450	1050 x 450	1300 x 450	1500 x 450	1500 x 500
<b>Flow Rate</b>					
Flow Rate – Hot Water (l/m)	35	35	35	35	35

- Smaller and larger units available.
- Different heights and diameters available
- Connections can be positioned to suit installation.
- Simple and easy to install.
- No maintenance required.
- Flow rates based on 35°C. Higher flow rates available.

# Maxipod

## Options & Specifications

For Specification choose the type of UNIT then the appropriate MODEL

### Combination Unit:

Use in new-build situations and where no remote Primary F&E Tank exists. Advise if situated below highest radiator.

or

### Cylinder Unit:

Use when there is an existing Primary F&E Tank. Grade must be given when specifying/pricing.

and...

### Boiler Model:

Use when space heating and hot water are required. Suitable for oil, gas and certain solid fuel boilers. Specify if sealed system boiler.

or

### Electric Model:

Use when no space heating is required. Supplied with twin immersions to take advantage of low cost tariffs.

### Supplied as standard with all MaxiPod units:

- Servicable Strainer
- Non-Return Valve
- Expansion Chamber
- Thermostatic Mixing Valve
- Connecting Pipework
- Double Thickness CFC Free Insulation
- Temperature Gauge
- 2 Immersion Heaters Fitted (Electric Model Only)
- Probe-type Cylinder Thermostat (Boiler Model Only)
- Isolating Valve, Ballvalve, Copper Float and Overflow (Combination Units Only)

### Options with MaxiPod units:

- Immersion Heater Supplied with Boiler Model
- Extra Coils, Connections, Immersions, Higher Flow Rates
- Double Pump Kit (fitted): Two 15-50 circulating pumps pre-wired with the cylinder thermostat to a wiring centre, with the programmer supplied separately
- Emergency electrical back-up system (3, 6 or 9kW)
- White Cased Finish

# Copper Water Cylinders

Suitable for Solar

**maxi**  
**pod**

by  
**copper**  
**industries**

Manufacturers of Domestic and  
Industrial Hot Water Cylinders.

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