

by  
copper  
industries



# Introducing the SolarPod Solar Cylinder

Easy Fit Vented

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



# solar pod

# The New SolarPod is available in Twin Coil and Triple Coil specifications.



**30% of the payback from a solar system comes directly from your cylinder.**

Our SolarPod makes sure you get it. Our twin coil and triple coil SolarPods are specifically designed to work in conjunction with the domestic heating system. Our solar cylinders are manufactured with either twin or triple independent coils. One or two coils are designed to transfer heat from an independent heating source, (eg. transferring heat from a central heating boiler or solid fuel boiler to the water in the solar cylinder) and the solar coil, which is manufactured from high efficiency finned tubes with a large surface area, to transfer heat from the solar panels into the solar hot water cylinder.

The boiler coil, which (if fitted) is manufactured to BS 1566, can also be supplied as high recovery to reduce boiler cycling. Cylinder connection sizes can be specified as 22mm or 28mm compression. The high efficiency solar coil is fitted with a 22mm compression and with all connections protruding beyond the insulation. This makes our twin or triple coil SolarPod one of the most efficient manufactured in the UK.

## Available in GRADE 1, 2 or 3

- GRADE 1** – Test Pressure: 3.65 BAR  
25m (82 feet) maximum working head
- GRADE 2** – Test Pressure: 2.2 BAR  
15m (49 feet) maximum working head
- GRADE 3** – Test Pressure: 1.45 BAR  
10m (33 feet) maximum working head

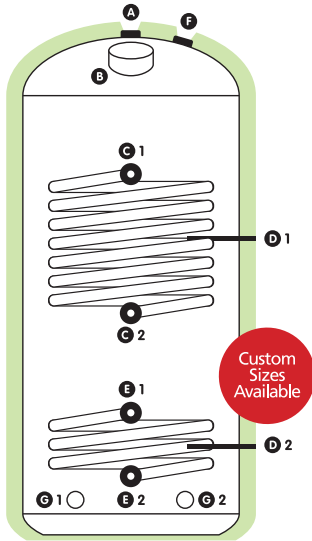
The cylinders are available in three grades - Grade 1, Grade 2 and Grade 3, with Grade 3 generally being selected for normal domestic use. Grades 1 & 2 are made from heavier material and are most often used where there is a greater working head of water or where improved durability is required.

**Alternative heights and diameters are also available in our range of solar cylinders where space and water volumes are at a premium. In general, solar cylinders are sized to suit the number of house holders and the solar thermal panel surface area.**

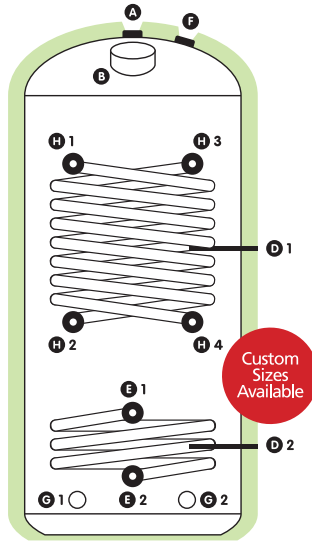


Call us for more information  
T: 028 7965 9736 or visit  
[www.copperindustries.co.uk](http://www.copperindustries.co.uk)

## Twin Coil Solar Cylinder



## Triple Coil Solar Cylinder



## Key

- A** 1" Female Hot Out
- B** 2 1/4" Immersion Boss\*
- C 1** 22mm Coil 1 Flow In
- C 2** 22mm Coil 1 Return Out
- D 1** 10mm Sensor Pocket
- D 2** 10mm Sensor Pocket
- E 1** 22mm Solar Flow In
- E 2** 22mm Solar Return Out
- F** 1/2" Female Socket
- G 1** 1" Female Cold Supply\*\*
- G 2** 1" Female Cold Supply\*\*
- H 1** 28mm Coil 2 Flow In
- H 2** 28mm Coil 2 Return Out
- H 3** 28mm Coil 2 Flow In
- H 4** 28mm Coil 2 Return Out

\* Complete with Immersion  
\*\* Complete with Deflector

## SolarPod Specifications

Custom sized cylinders can be made on request. Please contact our office for more information.

Cylinder Reference Number	Max Operating Pressure	Net Volume	Dimensions Exc. Insulation	Number Internal Heat Exchange	Solar Heat Exchange Max. work Pressure	Boiler Heat Exchange Max work. Pressure	Volume Heated Solar Exchange	Solar Heat Exchange Heat Surface
SP 120	1.0 Bar	120 Ltrs	1050x400mm	2 Off	3.50 Bar	3.50 Bar	120 Ltrs	0.61
SP 135	1.0 Bar	135 Ltrs	1200x400mm	2 Off	3.50 Bar	3.50 Bar	135 Ltrs	0.75
SP 148	1.0 Bar	148 Ltrs	1300x400mm	2 Off	3.50 Bar	3.50 Bar	148 Ltrs	1.22
SP 160	1.0 Bar	160 Ltrs	1400x400mm	2 Off	3.50 Bar	3.50 Bar	160 Ltrs	1.22
SP 172	1.0 Bar	172 Ltrs	1500x400mm	2 Off	3.50 Bar	3.50 Bar	172 Ltrs	1.22
SP 209	1.0 Bar	209 Ltrs	1800x400mm	2 Off	3.50 Bar	3.50 Bar	209 Ltrs	1.8
SP 144	1.0 Bar	144 Ltrs	1050x450mm	2/3 Off	3.50 Bar	3.50 Bar	144 Ltrs	1.32
SP 168	1.0 Bar	168 Ltrs	1200x450mm	2/3 Off	3.50 Bar	3.50 Bar	168 Ltrs	1.32
SP 184	1.0 Bar	184 Ltrs	1300x450mm	2/3 Off	3.50 Bar	3.50 Bar	184 Ltrs	1.32
SP 200	1.0 Bar	200 Ltrs	1400x450mm	2/3 Off	3.50 Bar	3.50 Bar	200 Ltrs	1.62
SP 216	1.0 Bar	216 Ltrs	1500x450mm	2/3 Off	3.50 Bar	3.50 Bar	216 Ltrs	1.8
SP 264	1.0 Bar	264 Ltrs	1800x450mm	2/3 Off	3.50 Bar	3.50 Bar	264 Ltrs	1.8
SP 174	1.0 Bar	174 Ltrs	1050x500mm	2/3 Off	3.50 Bar	3.50 Bar	174 Ltrs	1.32
SP 203	1.0 Bar	203 Ltrs	1200x500mm	2/3 Off	3.50 Bar	3.50 Bar	203 Ltrs	1.32
SP 223	1.0 Bar	223 Ltrs	1300x500mm	2/3 Off	3.50 Bar	3.50 Bar	223 Ltrs	1.32
SP 242	1.0 Bar	242 Ltrs	1400x500mm	2/3 Off	3.50 Bar	3.50 Bar	242 Ltrs	1.62
SP 261	1.0 Bar	261 Ltrs	1500x500mm	2/3 Off	3.50 Bar	3.50 Bar	261 Ltrs	1.8
SP 300	1.0 Bar	300 Ltrs	1800x500mm	2/3 Off	3.50 Bar	3.50 Bar	300 Ltrs	1.8
SP 248	1.0 Bar	248 Ltrs	1050x600mm	2/3 Off	3.50 Bar	3.50 Bar	248 Ltrs	1.32
SP 289	1.0 Bar	289 Ltrs	1200x600mm	2/3 Off	3.50 Bar	3.50 Bar	289 Ltrs	1.32
SP 317	1.0 Bar	317 Ltrs	1300x600mm	2/3 Off	3.50 Bar	3.50 Bar	317 Ltrs	1.32
SP 345	1.0 Bar	345 Ltrs	1400x600mm	2/3 Off	3.50 Bar	3.50 Bar	345 Ltrs	1.62
SP 373	1.0 Bar	373 Ltrs	1500x600mm	2/3 Off	3.50 Bar	3.50 Bar	373 Ltrs	1.8
SP 456	1.0 Bar	456 Ltrs	1800x600mm	2/3 Off	3.50 Bar	3.50 Bar	456 Ltrs	1.8

# Copper Water Cylinders



by  
**copper  
industries**

Manufacturers of Domestic and  
Industrial Hot Water Cylinders.

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In the interests of  
continued improvement  
the manufacturers reserve  
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