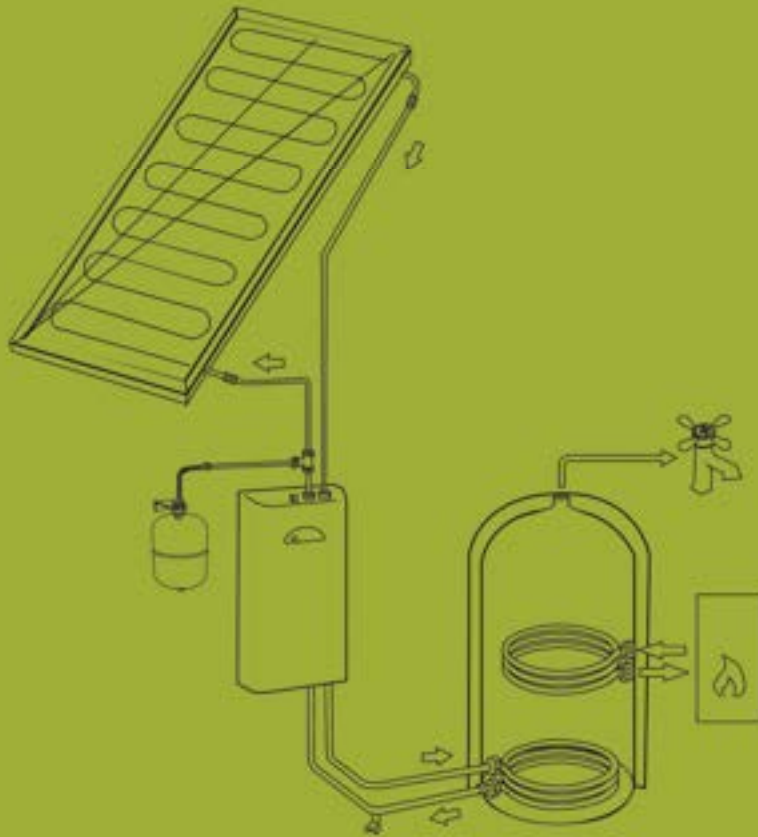
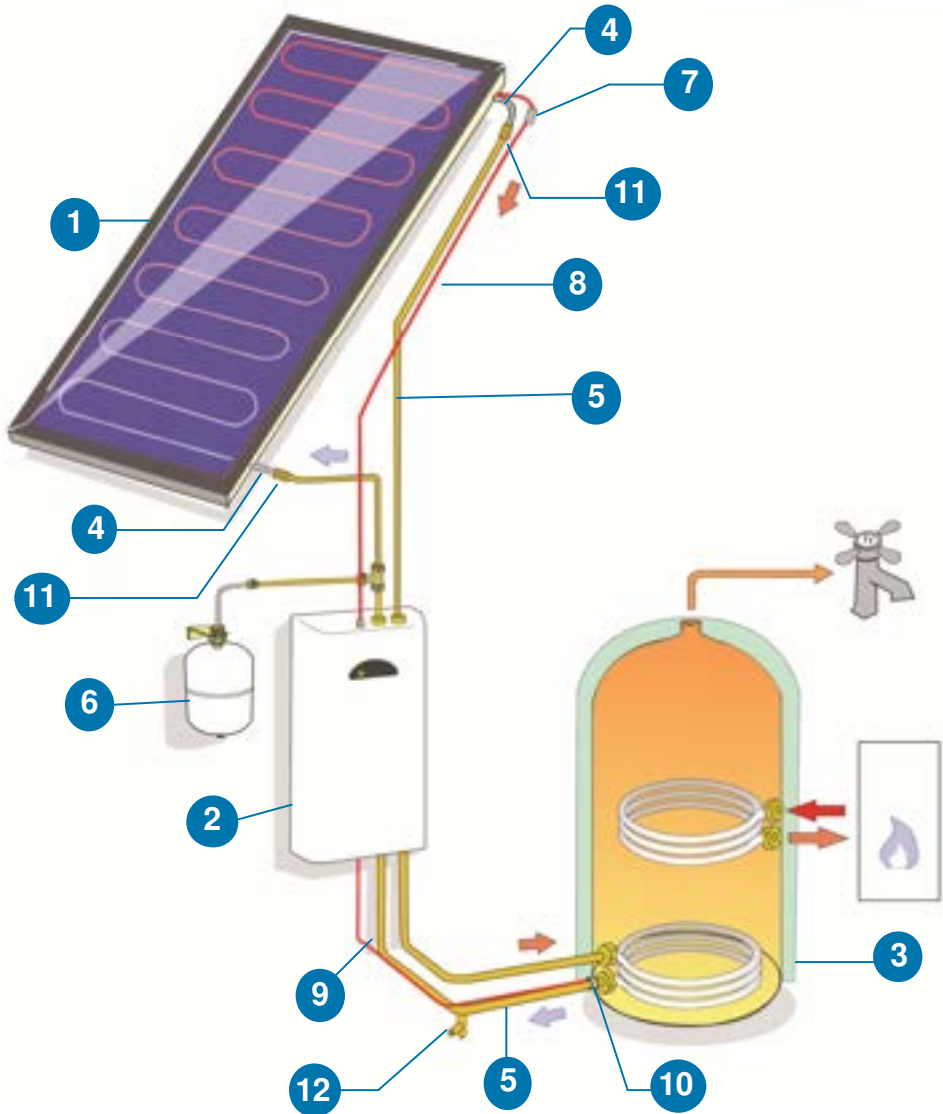


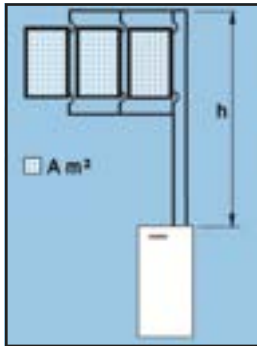
Plumbing Manual





		In Kit
1	Solar Panel	-
2	260 Control Unit	1
3	Solar Cylinder	-
4	Solar Panel Flexi-hose	-
5	15mm pipe	-
6	Expansion vessel	1
7	Signal wire connector	1
8	Panel signal cable	1
9	Cylinder sensor and cable	1
10	Jubilee Clip	1
11	10-15mm compression fitting	-
12	Drain cock	-

1

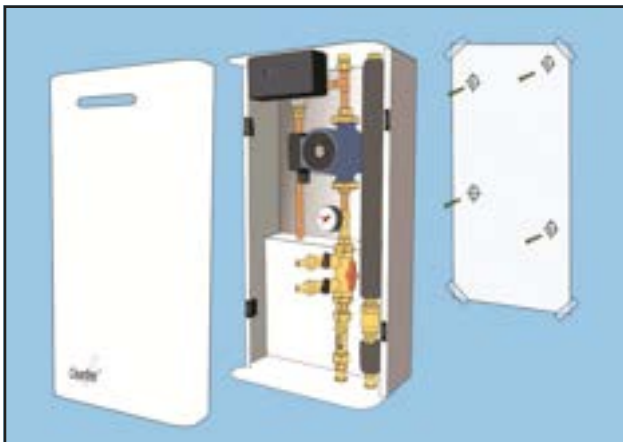


A Panel Area (m ²)	h Vertical Height (m)			
	8	12	15	15+
3	✓	✓	✓	
6	✓	✓		
9	✓			
>9				



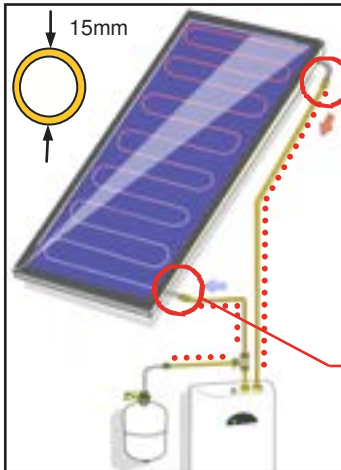
The standard 260 kit can be used as above. Multiple panels should be connected up in parallel flow as shown.

2



Use the paper template to mark the position for the fixing screws. Part-screw the fixing screws into the wall. Hang the control unit (2) on the screws and tighten fully.

3



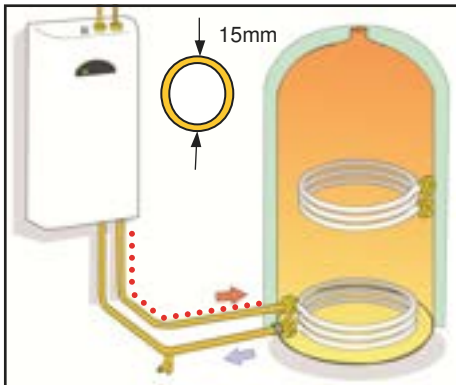
max 200°C



Connect between the panel hoses and the top of the control unit with 15mm copper or stainless steel pipe as shown.

Use compression fittings near the flexible hoses, do not solder. Use high temperature solder (e.g. silver solder) or compression fittings for all other connections.

4



Connect from the control unit to the cylinder solar coil with 15mm copper pipe. The right hand outlet from the control unit links to the coil upper connection.

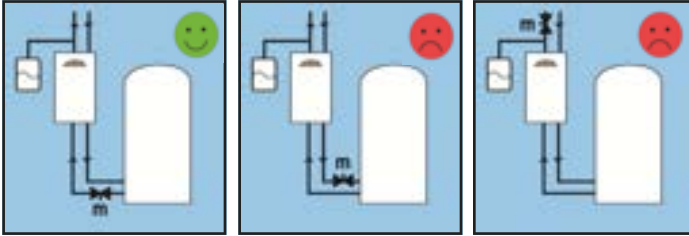
Fit the expansion vessel to the cool side pipe-work above the controller.

Install a drain-cock at the lowest point.



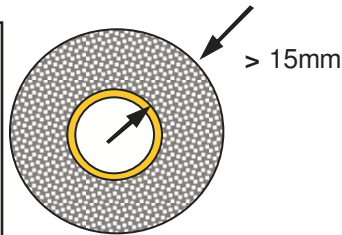
max 200°C

5



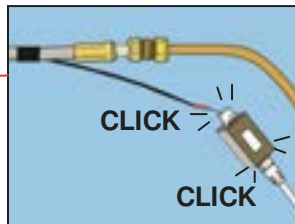
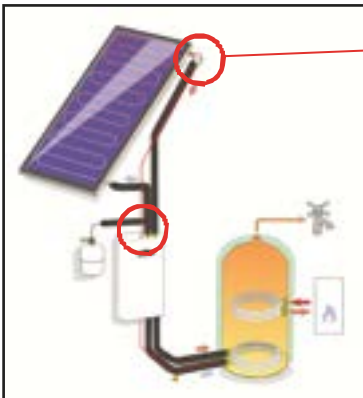
Some un-vented cylinder manufacturers require a motorised valve in the solar loop. If so, install it on the cool side pipe between the cylinder and control unit.

6



Fully insulate the solar loop with high temperature insulation. Avoid foamed polyethylene types, use foamed rubber (e.g. Armaflex), Polyurethane, mineral fibre.

7

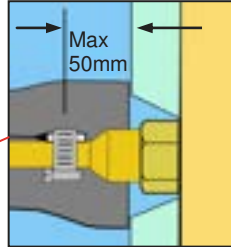


Connect the panel sensor cable to the top of control unit with the cable extension (8) .

8



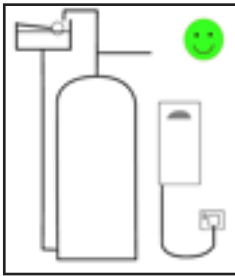
Attach the cylinder sensor to the return (cold) pipe as close to the cylinder as possible using jubilee clip (10). Insulate well around the sensor.



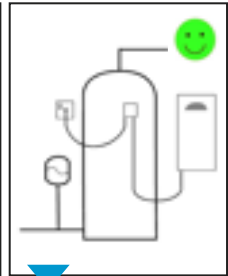
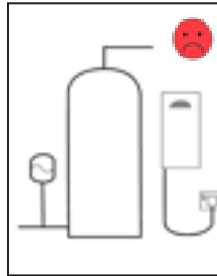
Connect the cylinder sensor cable (9) into the socket in the bottom of the control unit.

9

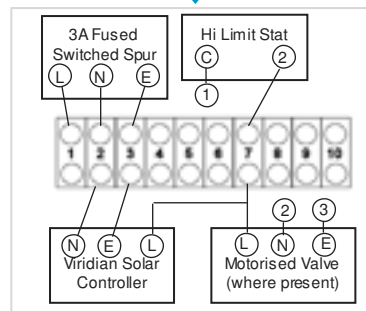
WIRING



For vented cylinders, the control unit can be plugged into a normal socket.



For un-vented hot water stores, the control unit should be wired from a switched spur via a high-limit thermostat. In dual-function thermostats, use only high-limit control.



DO NOT SWITCH ON UNTIL COMMISSIONING

Please refer to the Commissioning Manual for the next steps





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