

KESTON

Celsius 25

SEALED SYSTEM POD

Installation Instructions

The Celsius 25 sealed system kit incorporates a 3.0 bar safety valve and an 8 litre expansion vessel. Consideration should be given to total system volume to ensure that the 8 litre vessel supplied is of adequate capacity. In the event the required expansion vessel volume exceed 8 litres an appropriately sized additional expansion vessel should be installed on the primary system return.

- 1) Remove the system pod assembly from the packaging.
- 2) Remove the pod cover by removing the two securing allen bolts from the underside of the pod.
- 3) Using the template supplied with the Celsius 25 boiler for guidance mark, drill and plug the two holes in the wall for the fixing screws.
- 4) Fix the pod frame to the wall using No. 8 screws or equivalent. Ensure the pod is levelled and secure.
- 5) Make flow, return and gas connections to the underside of the system pod.
- 6) Connect the safety valve discharge pipe to the safety valve incorporated in the system pod. Ensure all requirements regarding discharge pipe termination are observed.

By closing the flow, return and gas isolating valves incorporated in the system pod the external pipework can be soundness tested. The pod also serves as a pre-installation "jig" so that the boiler can be fitted at a later date.

- 7) Fit the gas, flow and return pipe tails, packed with the system pod, to the system kit valves and loosely tighten the compression connections - see the sketch on the next page.
- 8) Fix the boiler wall bracket to the wall using the fixing holes drilled in step 3) above. Mount the boiler and connect following the installation instructions supplied with the boiler. Tighten the union fittings for gas, flow and return to the underside of the boiler.
- 9) Tighten the compression connections to the isolating valves in the system pod. Check there are no leaks on any of the connections.
- 10) Open the isolating valves and commission the boiler.
- 11) Fit the system pod cover to the pod frame and secure in position using the allen bolts removed in step 2.

END

