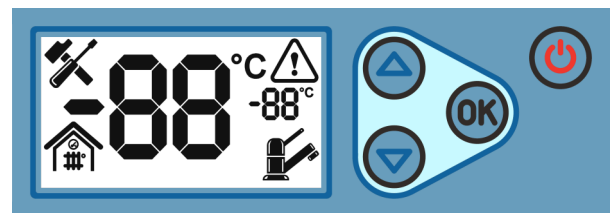


# User and Operation Guide

## Hiper Heat Interface Unit



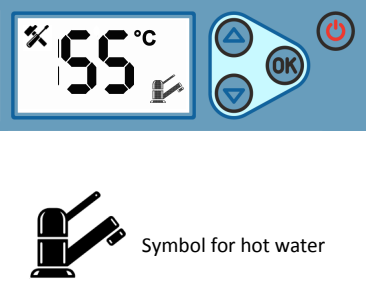


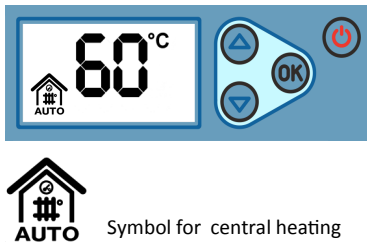

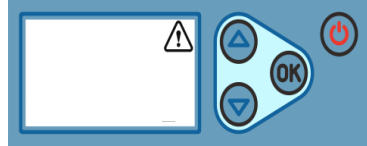
### Important Notes to understanding your Heat Interface Unit (HIU).

The HIU is not a boiler! Its function is to transfer heat which is generated by a communal boiler which is located elsewhere. Should this boiler or any of the primary system components fail it will result in heating and/or hot water supplies not being available. This is not the fault of the HIU.

Service Engineer call outs where there is not fault in the HIU are chargeable.

|  |  |   |
|--|--|---|
| <p><b>Switch on the Power supply</b></p>                 |  | <p>When powered up for the first time, the controller goes through a diagnostics check of the HIU. This may last a few seconds.<br/>If a problem is detected the controller will display an 'ERROR' symbol. (see error codes section)</p>     |
| <p><b>The controller is now on standby</b></p>           |  | <p>Having completed its checks, the controller is now ready to operate. Until a demand is created it remains in its standby mode.</p>   |
| <p><b>Turn on a hot water tap</b></p>                    |  | <p>The hot water temperature is factory set to the industry recommended temperature of 55°C. Once the HIU controller senses water flow it will commence the production of hot water immediately, and stabilise it at the set temperature.</p> |
| <p><b>Turn the tap off (no demand for hot water)</b></p> |  | <p>The screen will show the 'stand by' symbol.</p>  |

# User and Operation Guide

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| <p><b>To change the hot water temperature set point</b></p>   |    | <p>If the user wants to change the hot water temperature to a higher or lower value, <b>press the 'OK' button</b> until the 'tap' symbol appears.</p> <p>Use the  and  to change the value.</p> <p>Note.<br/>On installation, the HIU may have been programmed with high and low temperature limits. These limits cannot be changed without permission of the system owner.</p> <p>To confirm the new temperature set point, press the 'OK' button. After a few seconds the screen will revert back to operational mode.</p> |
| <p><b>Heating Flow Temperature</b></p>  |  <p>The house symbol shows when central heating is in operation. The AUTO symbol shows that the function OPTIMISED HEATING is on.</p> | <p><b>Room temperature is controlled by the room thermostat!</b><br/><b>It is not controlled by the HIU Controller</b></p> <p>The temperature displayed is the operating temperature of the supply to the heating system.</p> <p>The temperature flow to the radiators is factory set at 60°C.<br/>For underfloor heating this needs to have been changed by the installer during commissioning to a lower design temperature (usually between 35°C and 45°C).</p>   |
| <p><b>Fault</b></p>  |    | <p>Most fault can be identified by the controller. On seeing the warning symbol flashing on the screen, press the OK button and the screen will instantly display a code which can be reported to the service engineer.</p>  |

## Important Notes to understanding your Heat Interface Unit (HIU).

There is no combustion / flame / flue to worry about with an HIU.

It is the heat network provider's responsibility to maintain the water quality in both the network heat system and the secondary water system in your heating circuit.



The HIU cover must not be removed by anyone other by an approved and trained service engineer.



Danger - surfaces inside and on connecting pipework could be at extremely high temperatures with risk of injury.



Danger - 230v electricity connections are within the unit. High risk of electrocution.



It is illegal to tamper with any metering equipment installed within or outside of the HIU