



Hook-Up II Flow Management Module

THE HOOK-UP II;

- is a flow management system for terminal units, ie FCUs (fan coil units)
- combines the essential control components and connecting pipework into one compact, fully assembled and tested unit ready to install
- is compact and lightweight
- has an integral by-pass which includes an isolation valve
- has an operating temperature: -10 to 100°C
- has a maximum operating pressure: 16 bar
- is available in the following standard options;
 - C262 Chilled water autoflow with drain & strainer
 - H262 Heating autoflow with drain & strainer
 - C264 Chilled water autoflow without drain & strainer
 - H264 Heating autoflow without drain & strainer
 - C266 Chilled water manual with drain & strainer
 - H266 Heating manual with drain & strainer
 - C267 Chilled water motorised with drain & strainer
 - H267 Heating motorised with drain & strainer
 - C268 Chilled water manual without drain & strainer
 - H268 Heating manual without drain & strainer
 - C269 Chilled water motorised without drain & strainer
 - H269 Heating motorised without drain & strainer
- can also be customised to suit individual requirements

LIMITS OF USE

These installation, operation and maintenance instructions have been categorised in accordance with the Pressure Equipment Directive – PED.

The fluid to be transported is limited to Group 2 liquids i.e. non-hazardous. On no account must these valves be used on any Group 1 liquids, Group 1 gases or Group 2 gases.

INSTALLATION

These instructions are issued as guidelines only and do not cover all installed conditions – if unsure please contact our Technical Helpline before installation.

- Hattersley products are designed for installation and use within suitably designed systems reflecting CIBSE, BSRIA and HVAC guidelines. Particular care should be taken with regards to;
 - accessibility for setting/adjustment maintenance
 - tube cutting
 - jointing
 - bracketing/supports
- the Hook-Up can be installed onto or remote from the terminal unit
- during installation when connecting to pipework, care should be taken to only hold the Hook-Up assembly on the cast hexagon ends and not the cast body
- direction of flow must be that the flow to the terminal unit passes through the strainer (where fitted) and returns from the terminal unit through the commissioning valve. The commissioning valve has a flow direction arrow cast onto the body
- the two union fittings allow the orientation and handing to be changed

COMMISSIONING

Flushing

- for initial installation flushing;
 - by-pass valve should be fully opened
 - commissioning valve and strainer isolation closed.

System balancing

- refer to the enclosed Installation, Operation and Maintenance instructions for the commissioning valve. Copies can be printed from our website: www.hattersley.com

MAINTENANCE

With the exception of the strainer, the Hook-Up II is designed, once commissioned, to be maintenance free. The strainer is fitted with a blow down assembly to allow strainer flushing without isolation from the system pressure.

The stainless steel perforated screen may be removed for cleaning by isolating from system pressure and removing the blow down assembly. If damaged or worn, the seal should be replaced.

To isolate the terminal unit; open the by-pass, close commissioning valve and strainer isolation valve.

To backward flush;

- close by-pass valve
- close strainer isolation valve
- open blow down assembly. The flow will be backwards through commissioning valve and terminal unit to strainer, flushing coil and strainer screen to atmosphere through blow down assembly



FM311
ISO 9001

DELTA ROAD, ST HELENS, WA9 2ED
HOME SALES: +44 (0) 1744 458670
EXPORT SALES: +44 (0)1744 458671
TECHNICAL HELPLINE: 0845 604 1790
FAX: +44 (0)1744 26912
EMAIL: uksales@hattersley.com
EMAIL: exportsales@hattersley.com

- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001-2008

The Company reserve the right to amend any product without notice.

www.hattersley.com

CRANE BUILDING SERVICES & UTILITIES

www.cranebsu.com

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