

**INSTALLATION INSTRUCTION  
CONDENSATE KIT**

**RHC21 4000 and 8000 Series  
GAS FIRED HEATING MODULES**

The RHC21 Condensate Kit contains the following:-

1 off Wire Clip



1 off silicon hose  
Ø22 x 800mm



2 off 90° Barbed  
Elbow



1 off Grommet



To fit the kit:-

1. Attach silicone hose to condensate outlet on RHC unit and secure with wire kit
2. Cut tubing to required length; route the tubing around obstacles using Barbed Elbows as required
3. Create Hole Ø46 in vestibule outer panel (If Fitted) ensuring hole created is lower than condense outlet from collector box. Fit Grommet to hole and feed tubing through.



To fit the kit:-

### **Notes on Condensate Disposal**

**FOLLOW LOCAL REGULATIONS FOR THE CORRECT DISPOSAL OF CONDENSATE.**

All RHC21 gas fired heating modules are designed with a built-in drain connection. A PVC condensate discharge pipe should be run by the installer to connect the drain from the unit to the nearest foul drainage point. A trap should be fitted in the line and filled prior to use.

A condensate disposal system that relies on gravity should be satisfactory for most installations. If a gravity system is not possible, a condensate pump must be installed. There are a number of commercially available pumps made for this purpose. If using a condensate pump, follow the pump manufacturer's installation recommendations.

Condensate drainpipe connections must be glued, to prevent condensation water dripping from the drainpipe. The condensate water coming from the unit heater has a pH-level of approximately 4.6 and can affect materials made from zinc and/or copper, hence it is strongly advised against letting the condensation water flow off through the gutter.

To ensure the condensation water does not freeze, it is recommended to mount the drainpipe inside the building. If there is no other choice but mounting it outside, it is strongly recommended to equip it with frost proof insulation. For external units it may be necessary to fit trace heating to the condensation pipe to prevent freezing.

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Current full Part No.

Installation Instruction  
RHC21 Condensate Kit  
EN September 2021 D301415 Issue 0

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