

Variheat

PRODUCT UPDATE



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Calorex has engineered a number of significant improvements to the Variheat range, which are available to **order now**.

Retaining all existing Variheat features and functions, the following upgrades have been made:

- PLC control system with 3.5" touchscreen
- Attractive, comprehensive and simple user interface
- Remote monitoring and control
- Speed controllable fans

Important product information

Variheat touchscreen control panel
Implementation – September 2017

Product updates

All Variheat models now come with a PLC control system with 3.5" touchscreen user interface, which will come as standard with all Variheats ordered from now onwards. To distinguish them from the previous version, Variheats with the new PLC are referred to within Calorex as M172 Variheats. Please mention "M172 Variheat" when requesting technical support

Retaining all existing Variheat features and functions, the following upgrades have been made for the M172 Variheat.

Control system

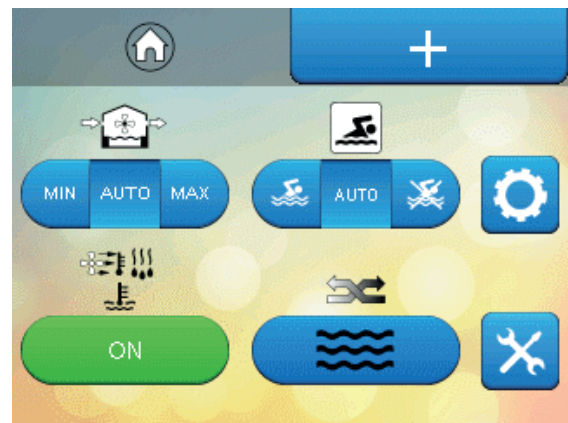
- 3.5" touchscreen user interface
- Remote monitoring and control
- Streamlined user interface
- Improved usability
- Variable fan speeds according to demand
- Standard features that were previously options

First home screen



- On the first home screen*:
 - Humidity
 - Air temperature
 - Water temperature
 - Occupied/Unoccupied indication
 - Defrost light and alarm light
 - On/Standby button

Second home screen



- On the second home screen*:
 - Fresh air Max/Auto/Min button
 - Occupied/Auto/Unoccupied button
 - Function button
 - Heat recovery priority button
 - User settings access button
 - Service settings access button

* AW models shown, actual screens vary with specification with fresh air option.



Remote and BMS connectivity

- The following remote interface options are included as standard:
 - Screen mirroring to Android/iOS mobile devices using third-party app
 - Screen mirroring to web browser with ActiveX
 - Modbus
 - New: BACnet IP
 - New: BACnet MS/TP
- For screen mirroring, the Variheat and device must be connected to the same LAN
- Modbus is available via the spare RS485 interface on the PLC
- BACnet IP is available via the Ethernet port on the PLC
- BACnet MS/TP is available via the spare RS485 interface on the PLC
- (Only one BACnet connection may be used at any one time. BACnet and Modbus may not be used at the same time)

Optional extras that are now standard

- Fire alarm override
- Remote on/off
- Remote volt free “run” and “fault” signals
- Remote fresh air frost damper control

Physical configurations

In addition to the wide variety of Variheat configurations already available, with the latest update, the electric box and user touchscreen may be moved (by the installer) to accommodate even more plantroom layouts.

