Cetetherm

Quick guide IQHeat

Log in

For security reasons must the factory set password be changed the first time the IQHeat starts up.

1. Keep the OK button pressed to access the Password menu.
2. The first digit of four is marked with 0.
3. Turn the navigation wheel until the desired number appears.
4. Press OK to proceed to the next digit, continue until all four are entered correctly and press OK.

The current key symbol will appear in the upper left corner of the display window.

Setting date and time

Requires login at End user level.

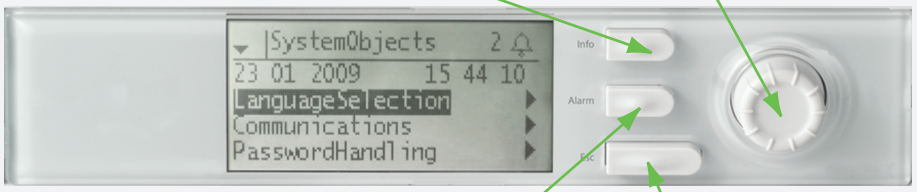
1. Press Info until the page with the date and time are displayed.
2. Move the cursor to the line for date and time.
3. Press OK to edit the day.
4. Set the correct day with the navigation dial, press OK to confirm and continue to edit the month and year.
5. Continue to edit the hours, minutes and seconds in the same way.
6. Exit the menu with ESC.

Info-button

Press to change between Main overview and Main index.

Select and OK knob

Turn to select menues, parameters and parameter values.
Press to exit the setting page and adopt a changed value.
Extended press to go to the Password page.



Alarm button

Press *to change between alarm menus.*

Alarms are indicated with an alarm bell icon in the display.

ESC

Press to go back to last active page or to cancel.
Extended press: to go back to the Main overview.

Heat time program

1. From the Main index select Heating Circuit.
2. Select Time schedule and press OK.
3. Current value for the heating circuit appears here.
4. Select Monday and press OK.
   NOTE: Time-1 is always set to 00:00. This cannot be changed.
5. Use the navigation dial to select the desired values and transit times for Value-1 to Value-6, and Time-2 to Time-6.
   Confirm each selection by pressing OK.
6. Press ESC to exit the menu.
7. When the Time program is set for Monday, it can be copied to other days.
8. Select Copy Moday to and press OK.
9. Select copy to:
   - weekdays, Tu-Fr
   - all week Tu-So.

See connected sensors

1. From the Main index select for:
   - Common sensors
     Common> Inputs
     (eg. outdoor sensor)
   - Heating circuit sensors
     Heating circuit > Inputs
   - Hot water circuit sensors
     Domest.hot water > Inputs

Operating mode heating

Requires login at end user level.

The heating circuit can be set in one of four operating modes.
1. From the Main index select Heating Circuit1.
2. Select Operating mode and press OK.
   - Auto -the plant is controlled by the time program.
   - BuildProt - the plant is shut-down but is automatically started when the outside temperature is lower than the set value for ‘Set Plant frost’ (1,5°).
   - Economy - plant uses set point ‘Room temp eco’.
   - Comfort - plant uses the set point ‘Room temp comf’.

Require login at End user level Require login at Service level

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Heating circuit

Requires login at End user level.

See set heating curve
Heating Circuit > Curve curve

Parallel offset of heating curve
Heating circuit > Room temp.comf.
Heating circuit > Room temp.eco.

21°C is the start set point of the heating curves.
If the value changes to 22°C it means a 3°C increase of the set point.

Comfort is normaly used, Economy is used when a temperature decrease is desired.
Transit times can be changed in the Time program.

Requires login at Service level.

Heating limit (ECO)
Commissioning > Plant settings > Heating circuit > Heating limit (ECO)

If Heating limit (ECO) is -5 and set point is 21 the heating will be turned off when the outside temperature is 16°C, 21-5=16

Setting Max/Min flow temp
Commissioning > Plant settings > Heating circuit > Heating Curve

Setting Building time constant
Commissioning > Plant settings. > Heating circuit > Calculation outside temp.

If Building time constant is set to 20h the heating is controlled by the average outside temperature for the last 20 hours.

Hot water circuit

Requires login at End user level.

Change set point
Domest.hot water > Setp.temp.normal

Test/Troubleshooting

Requires login at Service level.
IQHeat has an electrical test program to test valves and pumps.

NOTE: Wiring test is active until it is set to Passive.
For the control to work, the cable test in normal operation must be set to Passive.

Start test
Commissioning > Wiring test > Active
(all controllers are set to manual)

Read test results
Select Heating Circuit or Domest. hot water.

Stop the test
Commissioning > Wiring test > Passive
(all controllers are set to automatic)

Reading in/out values
Commissioning > IO configuration > HW IO blocks

Adjust PID-controllers
Require login Admin level
Overviews > Controllers

Others

Requires login at End user level.

Reading temperatures
Overviews > Measurements

See all actuators/valves
Overviews > Controllers

Requires login at Service level.

Restart IQHeat
Systemobjects > Communication > Communic.modules > Restart

Save Start-up settings
Recommended at risk of extended outage.
Systemobjects > Save/load > Sett. service save
IQHeat will restart.

MBus/Meter

Requires login at Service level.

Sett MBus id
Commissioning. > Integrations > MBus. > Addr.heat meter

Reading MBus and meters
Overviews > Meters

Setting Baudrate and polrate
Systemobjects > Communication > Communic.modules > M bus module

Communication settings, TCP/IP

Requires login at Service level.

Set IP addresses:
DUC1, POL638.70:
Systemobjects. > Communication > IP-configuration.

Webbmodul, POL909.50:
Systemobjects > Communication > Communic.modules> Web module.

BACnet, POL908:
Systemobjects > Communication > Communic.modules > BACnet IP module

For more information see:
Installation And Service Instruction Maxi IQHeat
or
Installation And Service Instruction Midi Compact IQHeat
or
User instruction Maxi Compact
or
Installation And Service Instruction Midi Wall IQHeat

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