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.

See connected sensors
Requires login at End user level.

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°C).
   • Economy - plant uses set point ‘Room temp eco’.
   • Comfort - plant uses the set point ‘Room temp comf’.

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.
6. Press ESC to go back to last active page or to cancel.
7. Confirm each selection by pressing OK.
8. Select Copy Moday to and press OK.
9. Select copy to:
   • weekdays, Tu-Fr
   • all week Tu-So.
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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 normally 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)

**Stop the test**
- Commissioning > Wiring test > Passive
  (all controllers are set to manual)

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

**MBus/Meter**
- Requires login at Service level.

**Set MBus id**
- Commissioning. > Integrations > MBus. > Addr.heat meter

**Reading MBus and meters**
- Overviews > Meters

**Setting Baudrate and polrate**
- Systemobjects > Communication > MBus/Meter

**Communication settings, TCP/IP**
- Requires login at Service level.

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

**Webbmodul, POL909.50:**
- Systemobjects > Communication > Commuc.modules> Web module.

**BACnet, POL908:**
- Systemobjects > Communication > Commuc.modules> BACnet IP module

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

**Others**
- Requires login at End user level.

**Reading temperatures**
- Overviews > Measurements

**See all actuators/valves**
- Overviews > Controllers

**Restart IQHeat**
- Systemobjects > Communication > Commuc.modules > Restart

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

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**Cetetherm**