



iCon - Intelligent Control for Heating Systems


iCon – Quick User Manual

1. MODES

- 2.1 User modes** The system has 4 modes of operation
Manual: all zones are **off** until turned **on** individually
Timer: all zones are controlled via the **time clock**
ON/OFF: all zones are switched on or off simultaneously

- 2.2 Selecting a mode-** Press  until the correct mode is indicated on screen.
Mode selected also indicated by the LEDs on the console.

- 2.3 Zone Control**
Heating and domestic hot water are controlled through zones.
A zone is a room or area which is to be heated independently.

Turning a zone ON or OFF enter the zone number and press  key.

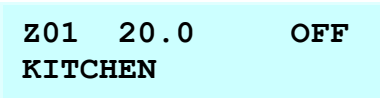
2. ROOM SETTING FROM THE CONSOLE


2.1 Switch a Zone ON /OFF

Overview:

Each zone can be controlled via the Console remotely.
On the Console enter the zone number

Enter the Zone Number

Console displays 

Use the  key to switch between zone ON / OFF



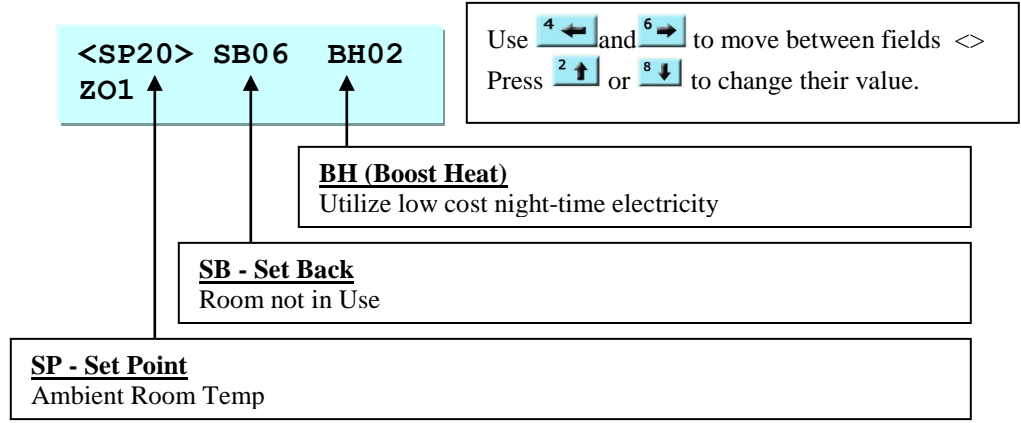
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2.3 Change Zone Temperature Settings

Enter the Zone Number

Press **ZONE**

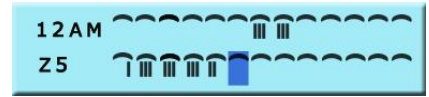
Console displays



2.4 Change Zone Schedule

Enter the Zone Number

Enter the zone number and press **TIME**. Console Displays



Use the **4 ←** and **6 →** buttons to move to the desired hour

- To time heat for the 1st 20 minute period press **1** Shown as **↑**
- To time heat for the 2nd 20 minute period press **2** Shown as **↑**
- To time heat for the 3rd 20 minute period press **3** Shown as **↑**
- To time heat for the entire hour press **5** Shown as **↑↑**

Note: Press them again to turn them off

Press **8 ↓** to move to the next **Day**

Press **←** to move to the next **Zone**

Press **HW** to select **Boost Heat**. Note **^** symbol will be displayed for that hour. Repeat for each sequent boost heat hour.

Boost Heat

When activated, this feature will allow use of the night rate supply when using a heat pump as source. During this time the temperature in the zone is allowed to increase above the normal temperature set point.



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2.2 Change Zone Mode Settings

- Comments:**
- 3 Mode Setting,
 - a) Optimisation
 - b) Scheduling
 - c) Sensor Button Lock Out

Enter the Zone Number

Press **MODE**

Console displays

<NORML> **NORML**
ZO1 **LK OFF** **NORML**

Use **4** and **6** to move between fields <>
 Press **2** or **8** to change their value.

Scheduling
NORML Follows Zone Schedule
DIS Frost Protection Mode. Sensor is blanked. Revert to Normal at console or press power button at stat
STOP Ignores Schedule – Move to Set Back
 Sensor displays SB


Zone Sensor Button Lockout
LK OFF Sensor Buttons will **not** respond (Public Areas)
LK ON Sensor Buttons will respond
 Lockout Allows the zone to function as normal but prevents the settings being altered from the zone sensor.

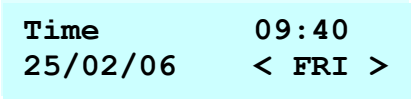
Optimisation
NORML No optimisation - Follows the timed schedule for the Zone
CRV 1 Preheats Zone **1 Hr** prior to the scheduled ON time [c1 displayed on sensor when overriding ON time]
CRV 2 Preheats Zone **2 Hr** prior to the scheduled ON time [c2 displayed on sensor when overriding ON time]
CRV 3 Preheats Zone **3 Hr** prior to the scheduled ON time [c3 displayed on sensor when overriding ON time]
AUTO This setting will self-learn the thermal inertia of the room and adjust the start time from memory [cA displayed on sensor when overriding ON time]
 Optimisation This is a mechanism of ensuring zone temperatures are achieved according to the programmed schedule.







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3. SET TIME


Press  key .

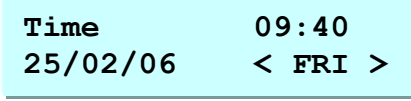
Console Displays 


Move brackets press  and .

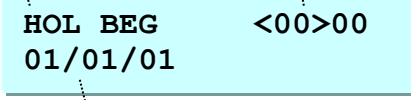
Change value press  or .

4. SET VACATION DATE

Press  key .


Console Displays 

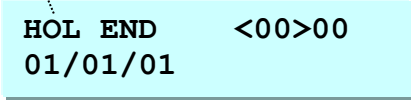
Press  key


Console Displays 



Holidays Begin



Holidays Ends



Press  key



Console Displays 

Press  key

Move brackets press  and .

Change value press  or .

Move brackets press  and .


Change value press  or .


5. DOMESTIC HOT WATER

4.1 Hot Water Control

Hot Water is controlled via Zone 32
 Hot water is timed as a zone [zone 32] and can also be switched on/off like a zone
NOTE: HEATING OFF does not affect the domestic hot water.

4.2 Hot Water Boost

To turn on/off domestic **hot water boost** press 
 The HW key turns the Immersion on for 2 Hours.

NOTE: To return to the display to normal operation from any function at any time just press 



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6. Thermostats

The Thermostat is very easy to use:

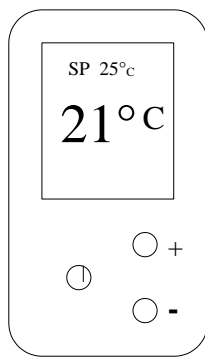
Normally the Thermostat indicates in large digits the current temperature and the set point temperature (SP).

Mode setting

Press Power Button to change the Mode setting

- I. Normal
- II. Stop – SB Mode
- III. Disable – Frost Protection

Temperature Settings



To change the set point **SP**

Press **-** or **+** to increase or decrease the desired temperature

To change the set back **SB**

Press **-** or **+** to illuminate the display

Press **Power Button** until **SB** is displayed

Press **-** or **+** to adjust the set back temperature offset.

To change the boost heat **BH** :

Repeat the steps for changing the set back

To switch on/off the Thermostat

Press **Power Button**