

Programmable Touch screen RF thermostat HIQ 414RF and 415RF

Manufactured for Heat IQ to give you years of reliable service, we guarantee it!

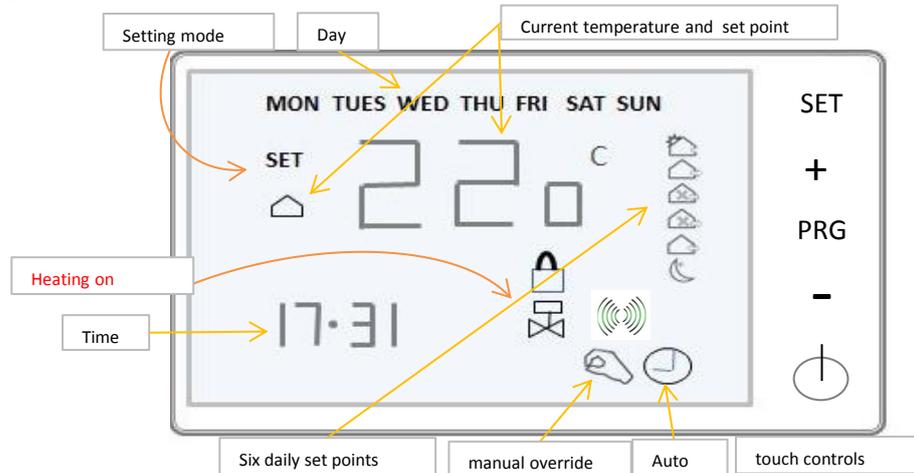
Specifications

Power - 2 x AA 1.5V batteries
Accuracy - 0.5 Deg C
internal Sensor - NTC(10K)1%
Load capacity - 5A/240v (BW)
Switch type - Switch relay
Range of adjustment - 5 to 35 Degrees C
Range of display - 0 to 40 Degrees C
Setting type - 5 plus 2 days
Mounting - Wall Surface mounted or free holder
(Can fit over standard box, fit Horizontal)
Dimensions - 130 w 90 h 27 d

Mounting & Wiring instructions

Install approximately 1.5 m from floor
Avoid walls subject to direct sunlight or adjacent to a heat source and install away from drafts from doors and windows.
Seal around the opening into the wall space behind the control if drafts present in cavity

Output switching is Radio Frequency . reliever can switch voltage up to 5A or, make potential free switching (typical with most boilers or Heat pumps)



Programmed memory is held when screen is off

Setting and use

Assumes Advanced setting A8 is set to five plus two

To set clock time and day

Press PRG momentarily, use plus or minus to change flashing setting press PRG again to move to next item.

before Setting switch times and temperatures we recommend you write down each of the six time and temperatures required for the Mon-Fri and the Sat Sun programmes. You will need to work quickly when entering to avoid the screen returning to the default display

To set (6) Daily set points (Monday to Friday)

Press and Hold PRG the first setting point time will flash set the hour and press PRG to enter... now set the minutes value and press PRG to enter Now set the desired temperature and press PRG to enter.

You are now at the second set time.. do as above and repeat until all six times and setting temperatures are entered.

(Saturday & Sunday)

As you complete the sixth setting the process will start again for the Saturday and Sunday setting following the process as above enter your six weekend set points and temperatures.

You can **review all settings** by pressing and holding PRG to enter the settings then simply repeat touch PRG to scroll through the settings

Manual override

Press SET to switch to manual the hand symbol will be displayed in this mode use the +/- buttons to set your desired full time setting.

Temporary override

at any time you can use +/- to adjust the current set temperature the setting will return to default at the next switching time

Key lock Press + & - for five seconds to lock or release keys

Advanced settings : By Engineer Recommended

Advanced Group 1 settings with the thermostat in off status press SET and + together for three to five seconds...

A1 will be displayed you can scroll from A1 to A9 by pressing SET - To adjust parameters use + / -

A1 = temperature calibration, adjust current temperature reading

A2 = stop start switching differential 1 to 5 C.

A3 = Key lock , when used 0= locked except the on off key 1= all keys will be locked

A4 = High temp protection switch point 45 Deg default, = System off if exceeded (not really relevant to normal household uses

A5 = Low temperature protection = Auto system on switch point 5 Deg C default .Range 5 to 10 DegC

A6 = Low user setting limit -Recommend 5 deg C

A7 = High user setting limit -Recommend 25deg C

A8 = Programming type 7 Days / 6 plus 1 or 5 plus 2

A9 = Checking Transceiver IP Within 10 sec of power on press + key quickly to check transceiver Address will be displayed

For further assistance including more advanced setting options contact Heat IQ

REPLACE BATTERIES ANUALLY Use small screwdriver in slots in lower edge to remove control from it's back plate
Requires 2 x AA batteries

See over for RF, receiver wiring details, Pairing set up and Trouble shooting

Thank you for purchasing this thermostat from heat IQ we appreciate your business

Service Guarantee (2 years from date of purchase)

This product was manufactured to our exacting standards . In case of failure, no serviceable parts are enclosed, do not open ,return to
Tradepoint (Heat IQ) Ltd Wanganui New Zealand sales@heatiq.co.nz or call 0064 6 3447392 PO box 530 Wanganui

econtrol - Tradepoint
Energy saving heating controls

Heat IQ
We know heating

Programmable Touch screen **RF** thermostat **HIQ 414RF** and **415RF**

Wiring Terminals

1	Normally open
2	Normally Closed
L	AC Live
N	AC Neutral



We recommend the receiver power to be taken off the boilers power supply

The RF signal of your 414/5 RF controller has a line of sight range of up to 30m

However some building materials can heavily influence the strength of an RF signal

Every wall the signal has to pass will reduce the range /strength of the signal

High voltage cables and power boards in the line of signal can also effect RF signals

It is unlikely that other RF items or Wireless internet will effect the signal but modems are best kept well away from the RF receiver and sender

Transceiver LEDs

Power	Solid Green = Power On
Signal	Solid Orange on when powered up indicates searching for signal Blinking Orange light no signal present (possibly batteries in sender unit)
Status	Solid Red when system is calling appliance on Flashing Red indicates a fault (Possible IP Fault)

Communication Icon shows on room thermostat

When talking to transceiver



REPLACE room Thermostat BATTERIES ANUALLY
Use small screwdriver in slots in lower edge to remove control from it's back plate **Requires 2 x AA batteries**

Quality products with instructions in simple to understand format
Guaranteed for 2 Years from date of purchase



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