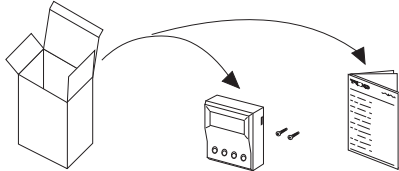


Important: Retain these instructions

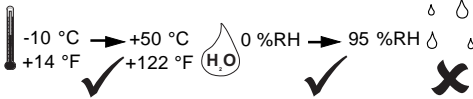


UNPACKING




RD-IQ Installation
Instructions TG200492

STORING



WEEE Directive :




At the end of their useful life the packaging and products should be disposed of by a suitable recycling centre.

Do not dispose of with normal household waste.
Do not burn.

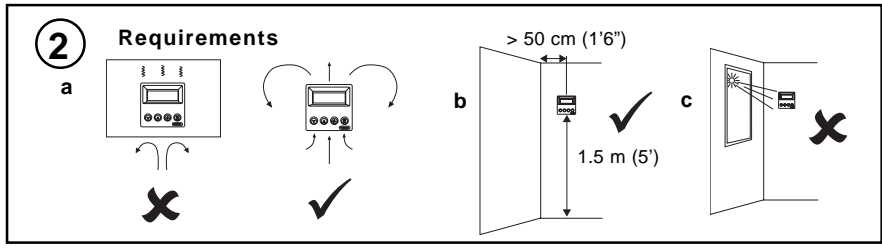
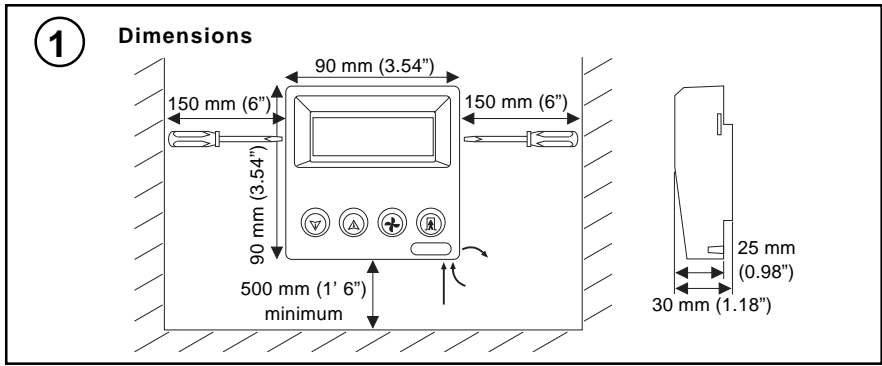
INSTALLATION

For use with IQ controllers only (All IQ3s, IQ2xx, IQ1xx >=v4.7)



It is recommended that the installation should comply with the HSE Memorandum of Guidance on Electricity at Work Regulations 1989.

For USA, install equipment in accordance with National Electric Code.



INSTALLATION (continued)

2 Requirements (continued)

3 Remove Front Panel

4 Route Cable(s)

Power cable only required for IQs (early IQ21x early IQ22x, IQ250, IQ251, IQ1xx) if not using special adaptors - see step 6

5 Connect to IQ
if IQ is IQ3, IQ2xx, or IQ1xx (firmware v4.7 or greater)

Note that RD-IQ cannot be connected to a controller with local supervisor port already used (e.g. wireless sensor receiver XW/R/IQ, NDP, IQView (RS232), or local PC) or to /ADL, /ATM or XNC220 controllers.

*Note that **superv port addr** should set to zero (default)*

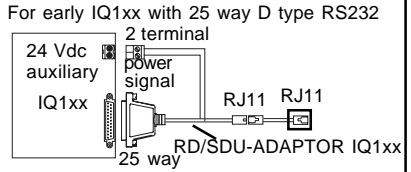
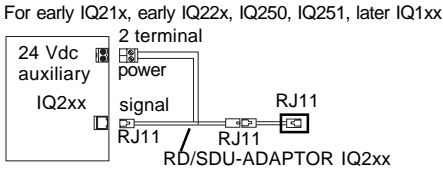
Standard cables connect signal plus power for all IQ3s, IQ204, later IQ21x, later IQ22x, IQ23x, IQ241/242, IQ246

local supervisor port

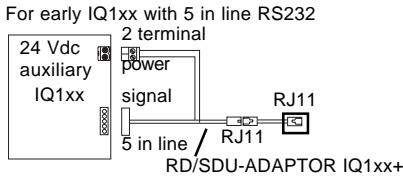
Note that the IQ controller may be connected while powered; if not power up controller.

INSTALLATION (continued)

5 Connect to IQ (continued) For controllers without power from RJ11, use of adapter, in addition to RJ11 to RJ11 standard cable, facilitates connection of power from IQ's 24 Vdc auxiliary supply

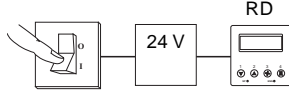


Note that the IQ controller may be connected while powered; if not power up controller.

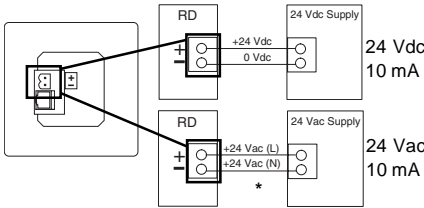


7 Switch on Power

if RD separately supplied as in 6



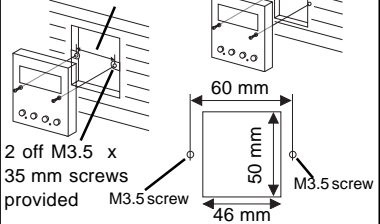
6 Connect Input Supply if early IQ21x, early IQ22x, IQ251, IQ250, IQ1xx controllers and not using adapters



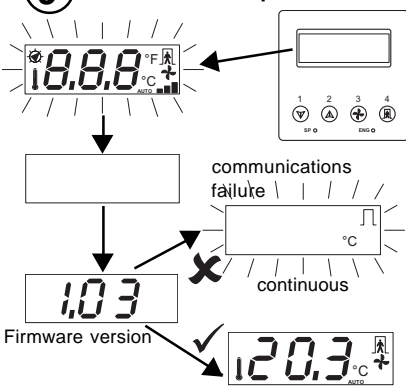
* If one side of the 24 Vac supply is connected to 0 V, that side must be connected to the RD - (negative) terminal

8 Mount Unit

or panel
standard UK electric back box 60 mm

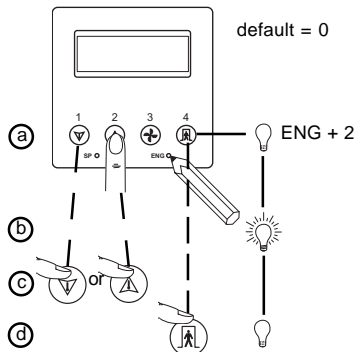


9 Check Start Up Reset



10 Engineer Temperature Offset

if required to offset sensor value

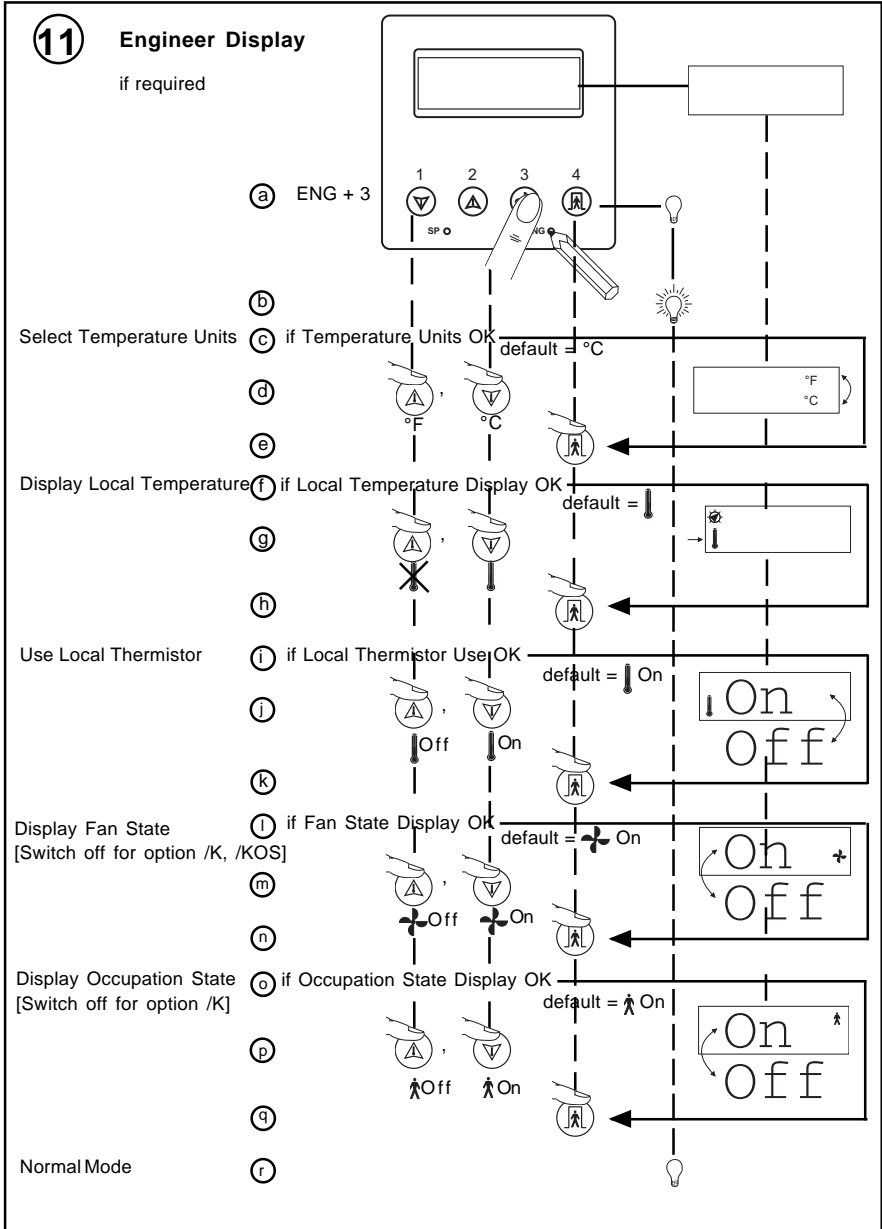


INSTALLATION (continued)

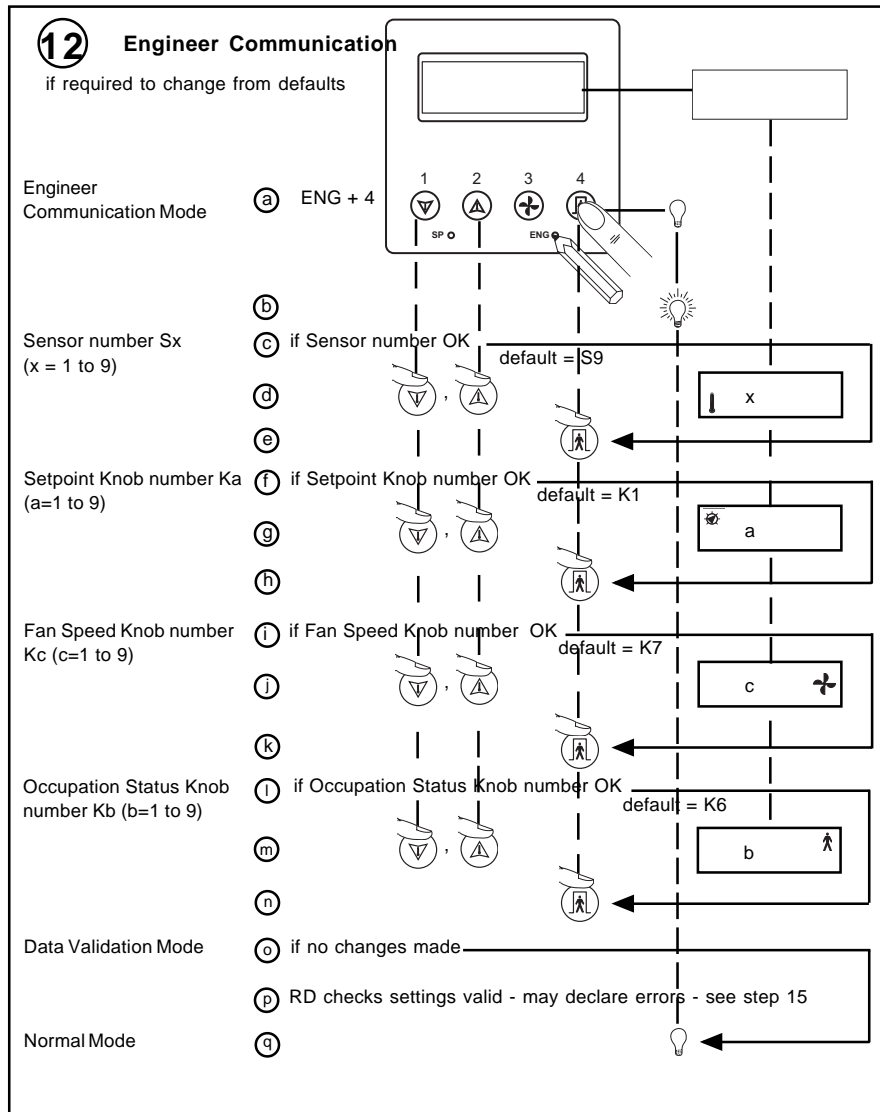
11

Engineer Display

if required



INSTALLATION (continued)



INSTALLATION (continued)

13 Enter PIN
if required

Enter PIN (a) ENG + 1

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

(j)

Normal Mode (k)

14 Restore Defaults
if required

Restore Defaults
Defaults as shown in steps 11 and 12 plus PIN default - no PIN

Data Validation Mode

Normal Mode

(a) ENG + 1 + 4


(b)


(c) RD checks settings valid - may declare errors - see step 15

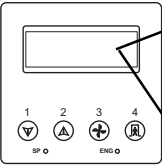
(d)

INSTALLATION (continued)

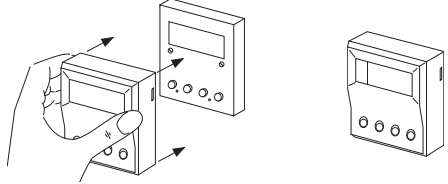
15 Check Error Display

(a) Module does not exist (Sy, Ka, Kb, Kc)
 e.g.  continuous
 check module numbers in IQ

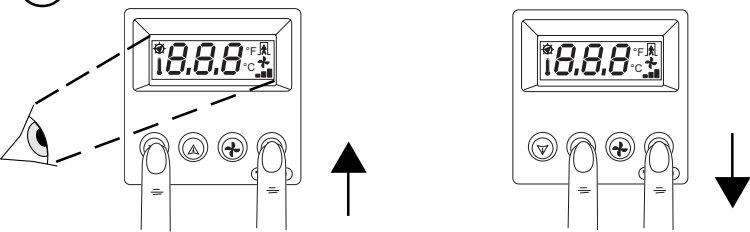
or (b) PIN error (change of value)
 continuous
 check RD-IQ PINs match and PIN level; set up PIN



16 Replace Front Panel



17 Adjust Contrast



18 Configure Controllers

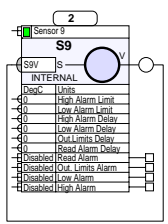
The IQ strategy must comply with default modules used by RD-IQ or with those changed to in step 12, 'Engineer Communication'.

Defaults:

Local Temperature	S9
Setpoint	K1
Occupation Status	K6
Fan Speed Status	K7
PIN	none

Note that the strategy must not overwrite the local temperature value. For example in IQ1, 2, if the default S9 is used, sensor 9 must be an internal sensor sourced from node 9 (the sensor should be sequenced)

In IQ3 the modules must be created in SET, the sensor must have its output looped back to its input, and the sensor must be sequenced

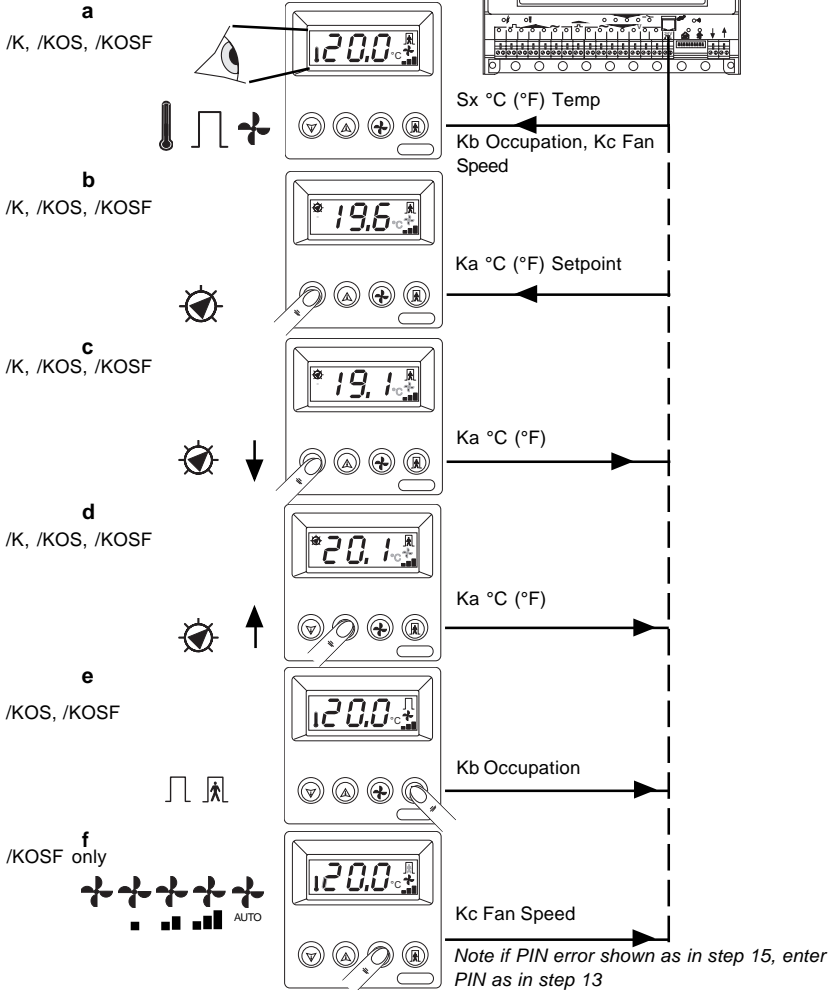


INSTALLATION (continued)

19

Check System

Dependent on option
/K, /KOS, /KOSF see below



Manufactured for and on behalf of the Environmental and Combustion Controls Division of Honeywell Technologies Sàrl, Ecuublens, Route du Bois 37, Switzerland by its Authorized Representative, Trend Control Systems Limited.

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