



INSTALLATION MANUAL

MagIQ Touch Controller



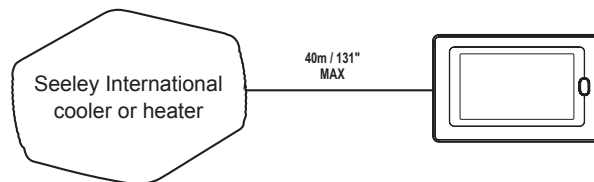
(English)

MAGIQ TOUCH
CONTROLLER

TABLE OF CONTENTS

CABLE LENGTHS	1
MOUNTING THE CONTROLLER	2
CONNECTING THE CONTROLLER	8
SINGLE COMPONENT INSTALLATION (NO ZONES)	8
MULTIPLE COMPONENT INSTALLATIONS	10
OPERATION SCREENS	11
SETTINGS MENU	13
GENERAL MENU	15
COOLER & HEATER MENUS	15
SERVICE MENU	16
CONTROLLER OR SYSTEM RESET	19
MANAGING COMPONENTS	20
ADDING COMPONENTS	20
REPLACING COMPONENTS	21
REMOVING COMPONENTS	22
MANAGING THE CONTROLLER	24
CONNECTING A NEW CONTROLLER TO AN EXISTING SYSTEM	24
CONNECTING A PRE-USED CONTROLLER	25
FAULT ROUTINE	26
POWER OUTAGES	28
TROUBLE SHOOTING	29

CABLE LENGTHS



ILL1583-A

- Cables used for the MagIQ Touch Controller are 26AWG, 7/016, 6 core flat.
- 20m/66" cable is supplied with each Seeley cooler or heater
- 40m/131" cable is also available
- Supplied cables should not be altered.

ALWAYS route cables at least 300mm / 12" away from regular power cables and high power machines. Cross over power cables at right angles.

Important!

Where maximum cable lengths are exceeded, or cables are not routed in accordance with our recommendations Seeley technical support is not available and the product warranty may be voided.

Note!

The term "component" (Seeley International cooler or heater) will be used in this document to describe any separate device, such as a cooler, heater or sensor, which is to be connected to the MagIQ Touch Controller.

MOUNTING THE CONTROLLER

The Controller should be placed approximately 1.5 metres above the floor, in the most used room of the home.

Placement is critical for correct functioning of the temperature sensing thermostat inside the controller.

The following points must be taken into consideration:

- Avoid direct sunlight exposure.
- Avoid mounting on external walls.
- Avoid mounting the wall control near heat sources such as stoves and televisions.
- Do not locate in the direct airflow of the duct outlets.
- Do not locate in strong drafts or in dead spots such as cupboards/drawers.
- Always seal the cable entry hole. Hot or cold air coming through the wall may interfere with the temperature measurement.

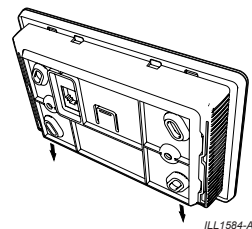
CAUTION!

Always make sure there are no electrical cables, gas or water pipes, or the like, behind where you intend to drill.

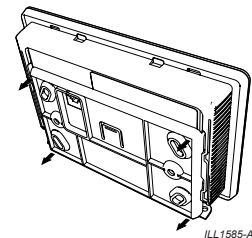
MOUNTING THE CONTROLLER cont

Remove the mounting bracket from the rear of the Controller.

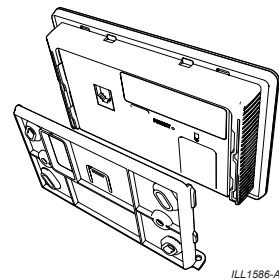
STEP 1



STEP 2

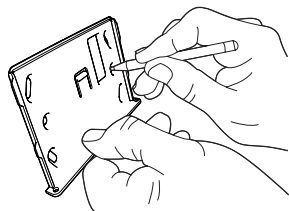


STEP 3



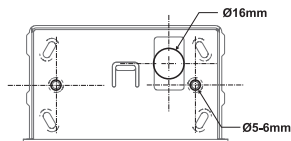
MOUNTING THE CONTROLLER cont

Using the bracket as a template, mark the centre points for the screw and cable access holes.



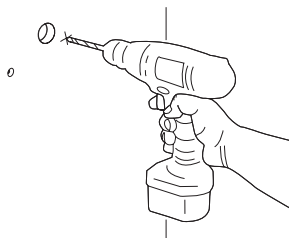
ILL1587-A

Important! The cable hole should be positioned centrally within the rectangular window in the mounting bracket.



ILL1597-A

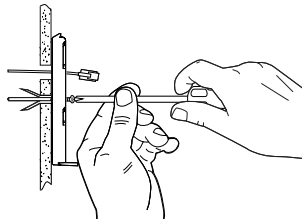
Drill a 16mm hole for cable access, and two smaller holes for the wall plugs provided (5mm holes for plasterboard walls or 6mm holes for brick walls).



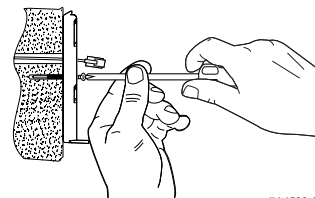
ILL1588-A

MOUNTING THE CONTROLLER cont

Insert wall plugs into holes. Align and screw the bracket into position using the supplied screws.

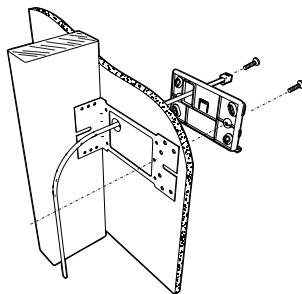


ILL1589-A



ILL1590-A

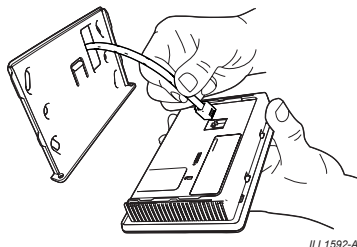
Alternatively, a standard stud mounting bracket (used for wall plates) can be used with plasterboard walls.



ILL1591-A

MOUNTING THE CONTROLLER cont

Draw the cable through the wall cavity to the hole made at the wall bracket. Connect the cable to the wall control and mount the wall control onto its bracket.



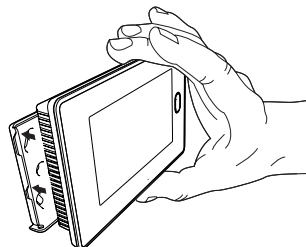
Important! Take care not to damage the cable or plug during this process.

Important! Drafts within the wall cavity can impact the temperature reading of the wall control. We recommend that the cable access hole be sealed, but in such a way that the cable can still retreat into the wall cavity.

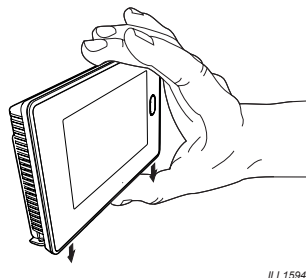
MOUNTING THE CONTROLLER cont

Slide and align the wall control over the protruding bracket tabs. Pull the wall control down so the bracket tabs engage and locate with the keyway slots on the rear.

STEP 1



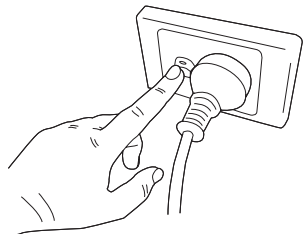
STEP 2



CONNECTING THE CONTROLLER

SINGLE COMPONENT INSTALLATION (NO ZONES)

Ensuring the Controller is properly connected power up the heater/cooler.



ILL1595-A

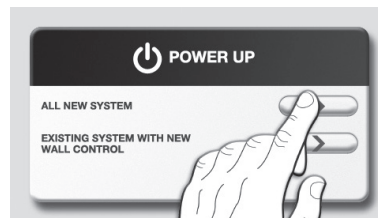
To activate the Controller screen, press the button to the right.



ILL1521-A

CONNECTING THE CONTROLLER cont

Select “ALL NEW SYSTEM” option and start the “System Installation Wizard”.



ILL1610-A

Accept “01” as the number of coolers/heaters to be installed.



ILL1611-A

CONNECTING THE CONTROLLER cont

The controller will scan to find the component (cooler/heater). When it has been identified, continue to the operating screen.



ILL1612-A

Skip now to the 'OPERATION SCREENS' chapter.

MULTIPLE COMPONENT INSTALLATIONS

The Controller uses a 'System Installation Wizard' to assist with the installation process.

The first part of the wizard requires the installer to specify the type and number of components that will be installed in the system. This step is important because the Controller needs components to be connected and powered up **one at a time** and **in the correct order**.

Note! It is important that components (e.g. heaters, coolers, sensors etc.) are connected **ONE AT A TIME** as prompted by the Controller. If more than one component of the same device type is connected at the same time there is a risk of communication corruption and the system will not function correctly!

The system installation is complete once all components have been detected.

OPERATION SCREENS

Select primary mode (COOL/HEAT/FAN ONLY):



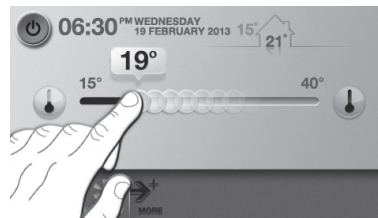
ILL1613-A

Turn system on & off:



ILL1614-A

Adjust temperature:



ILL1615-A

OPERATION SCREENS cont

Access advanced display:



ILL1616-A

Choose between MANUAL or PROGRAM modes or access SETTINGS menu:



ILL1617-A

For detailed information on the operation screens refer to the MagIQ Touch Controller Owner's Manual.

SETTINGS MENU

The SETTINGS menu contains a GENERAL menu relating to the Controller and the system as a whole, COOLER and HEATER menus depending on what has been installed, and a SERVICE menu containing component details and fault information.

Note! The controller will only display the menus and menu items that are relevant to the installed system.

Navigate through the menus by tapping the heading tabs at the top of the screen.



ILL1618-A



ILL1619-A

All the menu items are listed on the left hand side of the screen.



ILL1620-A

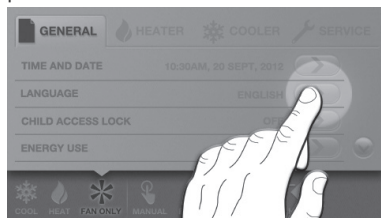
SETTINGS MENU cont

The current status is listed on the right, close to the arrow buttons.



ILL1599-A

If you want to change a setting or access a menu item, press the arrow button.



ILL1621-A

Some menu items are locked with a pin code to discourage customer access. The pin code is 7378.



ILL1622-A

GENERAL MENU

The GENERAL menu includes settings or information related to the MagIQ Touch Controller, or the system as a whole.



ILL1623-A

- Time and Date
- Language
- Child Access Lock (set a pin to restrict access)
- Zone Renaming (customise zone names)
- System Configuration
- System or Controller Reset

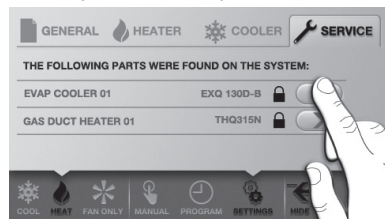
COOLER & HEATER MENUS

The COOLER and HEATER menus include settings or information related to the specific Seeley International cooling or heating products installed within the system.

More information about the specific settings of these products is provided in the separate product installation guide

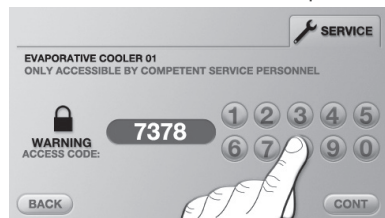
SERVICE MENU

The SERVICE menu contains information and functions for competent service personnel.



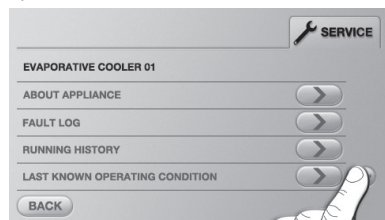
ILL1624-A

Access is locked with a service pin code. The pin code is 7378.



ILL1625-A

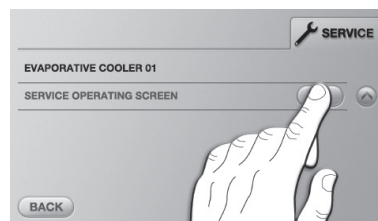
Once the pin code is entered you will have access to component specific information such as model number, serial number, etc.



ILL1626-A

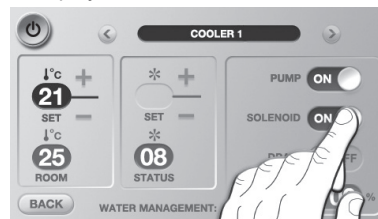
SERVICE MENU cont

Also included in this menu is access to a 'Service Operating Screen' for each component installed in the system. This screen can be used as a troubleshooting tool.



ILL1627-A

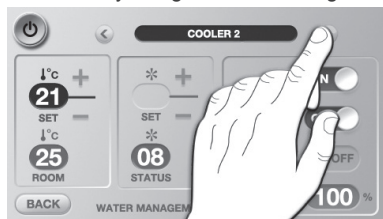
On this screen the status of the component is displayed and can be modified.



ILL1628-A

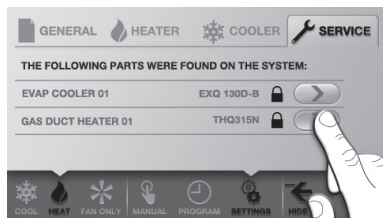
SERVICE MENU cont

Other components of the same type can be accessed by using the scroll left/right buttons.



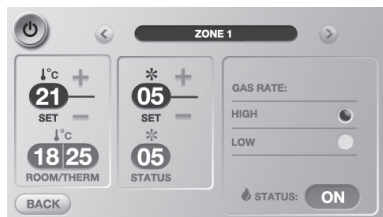
ILL1629-A

To access components of a different type, go BACK to the first SERVICE screen where all components are listed and select a different component.



ILL1630-A

Navigate through the menu as before until you reach the 'Service Operating Screen'.

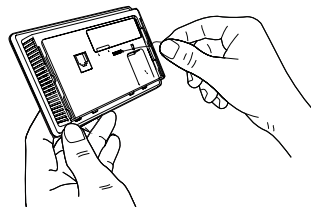


ILL1631-A

CONTROLLER OR SYSTEM RESET

It is possible to reset the whole system (including all connected components) or the controller only.

Use a pin or paperclip to press and hold the reset button located at the back of the controller.



ILL1596-A

This will cause the following screen to appear:



ILL1632-A

Note! Resetting the whole system will mean that every component connected to the wall control will be given the factory default address. After resetting a whole system it will be necessary to go through the 'System Installation Wizard' again from the start.

MANAGING COMPONENTS

ADDING COMPONENTS

The Controller keeps a list of all the installed components and regularly checks that all components are responding.

To add a new component, simply connect it to the system and power up. The Controller will detect that a new component has been added and lead you through the set-up process.

Important! It is important that new components of the same type are connected **ONE AT A TIME**.



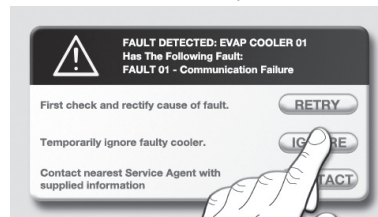
ILL1633-A

MANAGING COMPONENTS cont

REPLACING COMPONENTS

To replace a faulty component with a new one, disconnect the old component. The Controller will display a warning message (unless the component has previously been ignored).

Choose the 'IGNORE' option.



ILL1634-A

Now connect and power up the new, replacement component.

The Controller will detect the new component and will give you the option to REPLACE the faulty component or install it as a new component. Choose REPLACE.



ILL1635-A

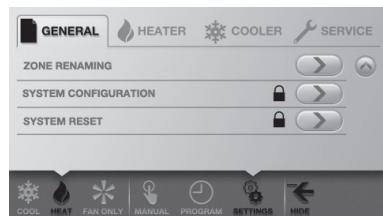
Important! If you are replacing more than one faulty component, it is important that new components of the same type are connected **ONE AT A TIME**.

MANAGING COMPONENTS cont

REMOVING COMPONENTS

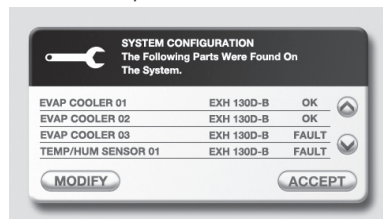
If a component is to be removed from the installation and never replaced, it can be deleted from the Controller's memory.

Go to the GENERAL menu in SETTINGS. Scroll down to the menu item 'SYSTEM CONFIGURATION'.



ILL1636-A

After entering the correct pin-code (7378), the screen will display a list of all components in the installation (both functional and faulty).

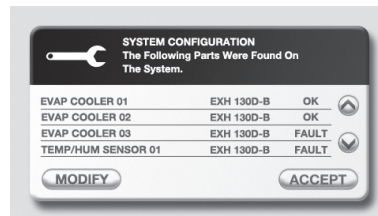


ILL1637-A

MANAGING COMPONENTS cont

REMOVING COMPONENTS cont

At this point, disconnect the component to be removed and press the MODIFY button. This should cause the Controller to display a warning message where the component can be deleted.



ILL1638-A

MANAGING THE CONTROLLER

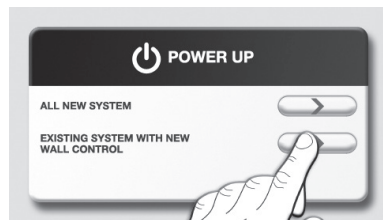
CONNECTING A NEW CONTROLLER TO AN EXISTING SYSTEM

System configuration information is stored on the Controller memory chip and cannot be transferred from one Controller to another. If a new Controller is connected to an existing system it will first need to scan the system to see what is there.

Connect the Controller to the system,

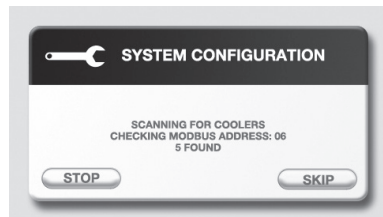
ENSURE ALL COMPONENTS ARE POWERED.

Choose the 'EXISTING SYSTEM WITH NEW CONTROL' option.



ILL1639-A

The controller will scan for one type of component at a time. The operator can skip to the next scan once they see all components of a particular type have been found.

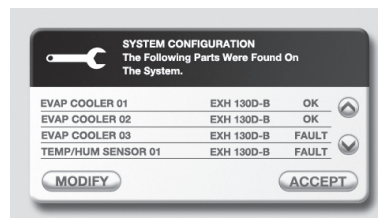


ILL1640-A

MANAGING THE CONTROLLER cont

CONNECTING A NEW CONTROLLER TO AN EXISTING SYSTEM cont

Once all components have been found the Controller will display a summary list of what it has found. If this configuration is accepted, the controller will be ready to operate the system.

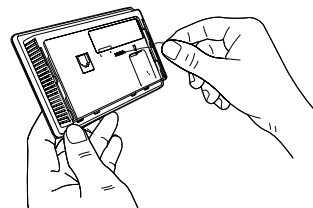


ILL1637-A

CONNECTING A PRE-USED CONTROLLER

Important! Any pre-used controller must be reset before it is connected to another existing system.

Once the controller has been reset, the installation process is the same as if it were new.



ILL1596-A

FAULT ROUTINE

When a component in the system experiences a fault, the controller will be notified and a fault screen will appear. The operator can then choose to resolve the issue or ignore it.



ILL1641-A

So long as a fault remains in the system, a small fault icon will be displayed at the right hand side of the lower taskbar. By pressing this icon, the operator can access information about all current faults.

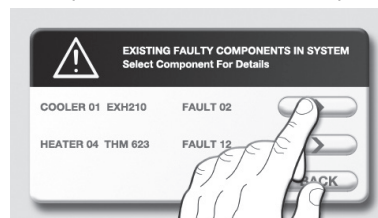


ILL1642-A

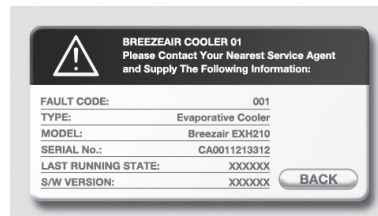
FAULT ROUTINE cont

Faults fall into four categories:

1. Auto Reset Fault – a minor fault that is not communicated to the operator but is recorded in the fault history.
2. Running Fault - this fault allows the component to operate, with reduced functionality. If the fault is resolved, the fault icon will no longer be displayed in the lower taskbar.
3. Service Fault – a serious fault which will cause the component in question to shut down but may be resolved by the user.
4. Service Agent Fault – a serious fault which will cause the component to shut down and requires a service agent to resolve.



ILL1643-A



ILL1644-A

For more information on product specific fault codes, please refer to the installation manual provided with the product or contact a local service agent.

POWER OUTAGES

After a power outage the Controller will prompt the user to enter the date and time.

If the “AUTO START” option is switched on in the SETTINGS menu, the cooler or heater will automatically restart in the mode it was last operating.

TROUBLE SHOOTING

Symptom	Cause	Action
The Controller has no display.	The cable from cooler may not be fitted correctly.	Refit cable.
	Cable damaged or broken.	Replace cable.
The Controller shows the cooler/heater is on, but I can't hear the fan working.	The set temperature has been achieved and the cooler/heater is in standby.	None required. If you want to see exactly what the heater/cooler is doing, turn the “STATUS INFORMATION DISPLAY” option on in the SETTINGS menu.
	The controller is in PROGRAM mode and the current time period specifies the cooler/heater be “OFF”.	Review the schedule via the EDIT button on the PROGRAM home screen.



Warranty Service
Australia 1-300-650-644
seeleyinternational.com

It is the policy of Seeley International to introduce continual product improvement.

Accordingly, specifications are subject to change without notice.

Please consult with your dealer to confirm the specifications of the model selected.