



# INSTALLATION MANUAL

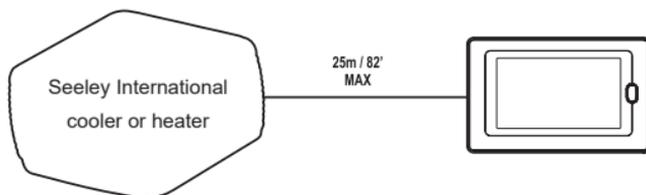
## MagIQtouch Controller



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## CABLE LENGTHS



ILL1583-C

- Cables used for the MagIQtouch Controller are 26AWG, 7/0.16, 6 core flat.
- 20m/66' cable is supplied with each Seeley cooler or heater.
- 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!** The maximum cable length allowed from the MagIQtouch Controller to the first cooler is 25 metres/82'. For any additional coolers added into the system with a link module the maximum allowed length is 40 metres/131'. Therefore, failure of the product or components to operate correctly due to modification to supplied cables, or the use of non-approved cables will **NOT** be accepted under the Manufacturer's Warranty.

We have this cable available through our Sales order office and spare parts outlets in the following lengths:

Part No.	Length	Details
833880	20m/66'	MagIQtouch Controller Cable (No Ferrite)
823553	20m/66'	MagIQtouch Controller Cable EXQ/EXS (With Ferrite)
862873	1.5m/5'	MagIQtouch Controller Cable (No Ferrite)
861265	3m/10'	MagIQtouch Controller Cable (No Ferrite)
864396	30m/98'	MagIQtouch Controller Cable EXQ/EXS (With Ferrite)
864402	40m/131'	MagIQtouch Controller Cable EXQ/EXS (With Ferrite)

**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 MagIQtouch Controller.

## MOUNTING THE MAGIQTOUCH CONTROLLER

The MagIQtouch Controller should be placed approximately 1.5 metres/5' 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.

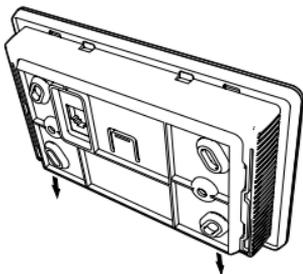
### **CAUTION!**

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

# MOUNTING THE MAGIQTOUCH CONTROLLER cont

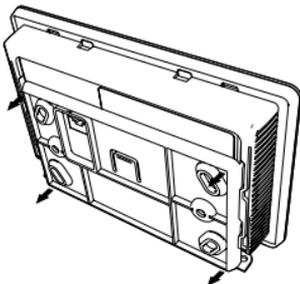
Remove the mounting bracket from the rear of the MagIQtouch Controller.

## STEP 1



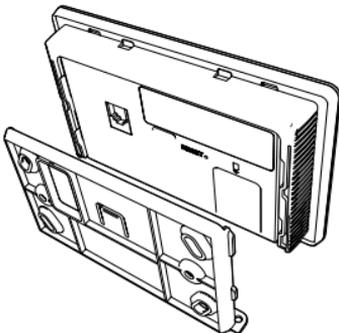
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## STEP 2



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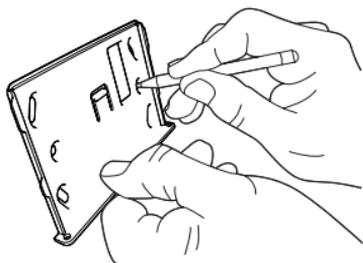
## STEP 3



ILL1586-A

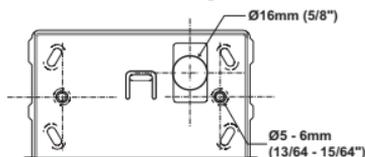
## MOUNTING THE MAGIQTOUCH CONTROLLER cont

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-B

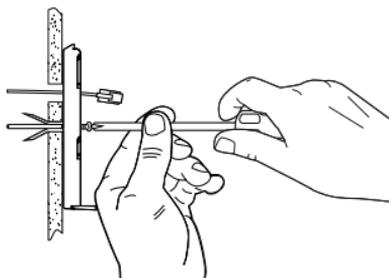
Drill a 16mm (5/8") hole for cable access, and two smaller holes for the wall plugs provided 5mm (13/64") holes for plasterboard walls or 6mm (15/64") holes for brick walls).



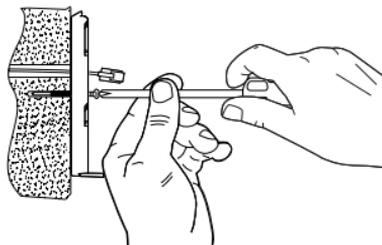
ILL1588-A

## MOUNTING THE MAGIQTOUCH CONTROLLER cont

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

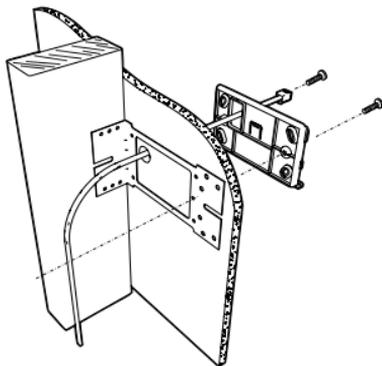


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ILL1590-A

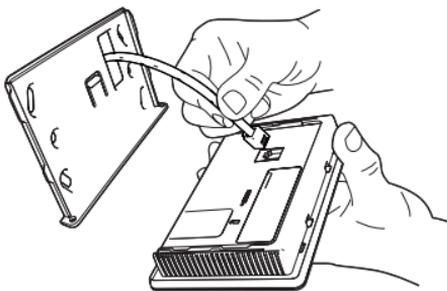
Alternatively, a standard stud mounting bracket (used for wall plates) can be used with plasterboard walls.



ILL1591-A

## MOUNTING THE MAGIQTOUCH 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.



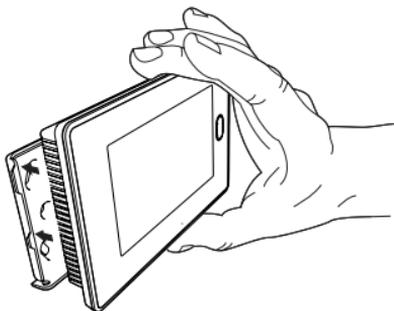
**Important!** Take care not to damage the cable or plug during this process.

**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 MAGIQTOUCH CONTROLLER cont

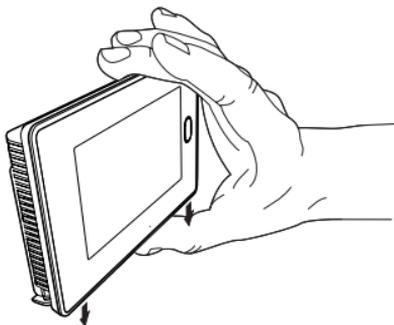
Slide and align the wall control over the protruding bracket tabs. Pull the wall control down so the bracket tabs engage and locate with the keyway slots on the rear.

### STEP 1



ILL1593-A

### STEP 2

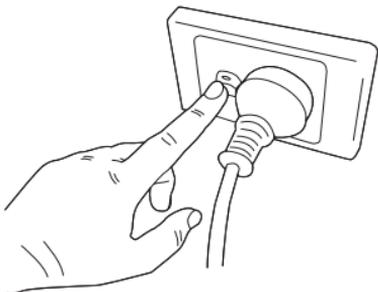


ILL1594-A

# CONNECTING THE MAGIQTOUCH CONTROLLER

## SINGLE COMPONENT INSTALLATION (NO ZONES)

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



ILL1595-A

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



ILL1521-C

**Note!** The following images are examples only of some of the screens that may be displayed in the System Installation Process. The content and sequence of these screens may differ slightly on the controller itself. Always follow the instructions displayed on the controller.

# CONNECTING THE MAGIQTOUCH CONTROLLER cont

For a new installation...

This will start the “System Installation Wizard” which will step you through the complete process.



ILL1610-B

At the beginning of the “System Installation Wizard”, the Controller will ask for a definition of the system to be installed.

Depending on the installation, select “Heating” or “Cooling” or both.

## NON-MULTIPLE APPLIANCE INSTALLATIONS

The MagIQtouch Controller uses a ‘System Installation Wizard’ to assist with the installation process.

**Important!** Ensure the heater or cooler is connected and powered up before proceeding! When prompted, the MagIQtouch Controller will do a scan to find all system components (heaters, coolers, zone controllers, air sensors etc).

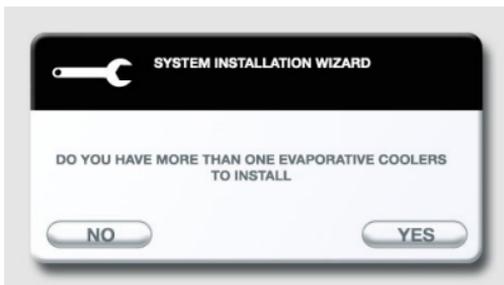
If no component is found, the MagIQtouch Controller will display the error. Check connections and power and RETRY.

If successful, the MagIQtouch Controller will display what it has found for confirmation. Select ACCEPT to proceed to the operation screen.

Skip now to the ‘OPERATION SCREENS’ chapter.

# CONNECTING THE MAGIQTOUCH CONTROLLER cont

## MULTIPLE APPLIANCE INSTALLATIONS



ILL2404-A

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

**Note!** It is important that evap coolers are connected **ONE AT A TIME** as prompted by the MagIQtouch 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 evap coolers have been detected and the normal operation screen is displayed.

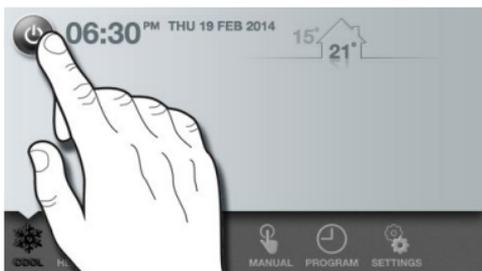
# OPERATION SCREENS

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



ILL1613-C

Turn system on & off:



ILL1614-C

Adjust temperature:



ILL1615-C

## OPERATION SCREENS cont

Choose between TEMP or SPEED control (Evap coolers only)



ILL1617-C

Adjust Fan speed and over ride thermostatic “temperature” Control:



ILL1616-C



ILL2405-A

For detailed information on the operation screens refer to the MagIQtouch Controller Owner’s Manual.

## SETTINGS MENU

The SETTINGS tab contains GENERAL, COOLER and HEATER adjustable menu settings depending on what has been installed and a SERVICE menu containing component and fault information.

**Note!** The Controller only displays the menus and items relevant to the installed system.

Tap the heading tabs to navigate through menus.



ILL1618-A



ILL1619-A

Menu items are listed on left side of screen.



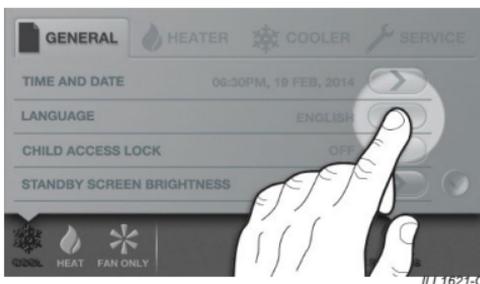
ILL1620-C

## SETTINGS MENU cont

Current status on right side of screen.



To change a setting or access menu item, press arrow.



If a menu item is locked to discourage customer access the pin code is 7378.



# GENERAL MENU

The GENERAL menu includes settings or information related to the MagIQtouch Controller, or the system as a whole. Depending on your installation the GENERAL menu may differ from below.



- Time and Date.
- Language.
- °C / °F (temperature unit).
- Child Access Lock (set a pin to restrict access).
- Standby Screen Brightness (adjust standby screen brightness).
- Zone Renaming (customise zone names).
- Status Information Display (for troubleshooting & diagnostics).
- Temperature Sensor Selection (select between Controller or Primary Air Sensor).
- Software Revision.
- Shutdown Timer.
- Auto Re-start.
- Temperature Calibration.
- Install Add-On Cooler.
- System Configuration.
- System Reset.

## COOLER & HEATER MENUS

The COOLER and HEATER menu 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-C

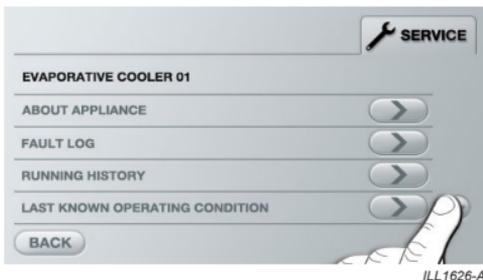
Access is locked with a service pin code. The pin code is 7378.



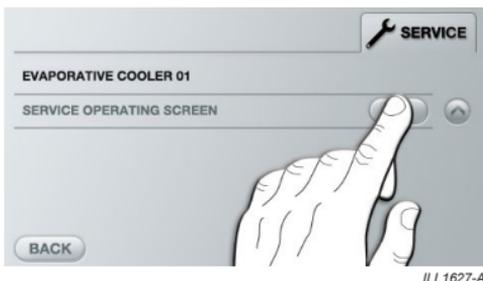
ILL1625-A

## SERVICE MENU cont

Once pin code is entered you can access component specific information such as model, serial number etc.



Also, this menu gives access a “Service Operating Screen” that can be used as a troubleshooting tool for each component installed.



Using the “Service Operating Screen” component status can be changed for diagnostic purposes.

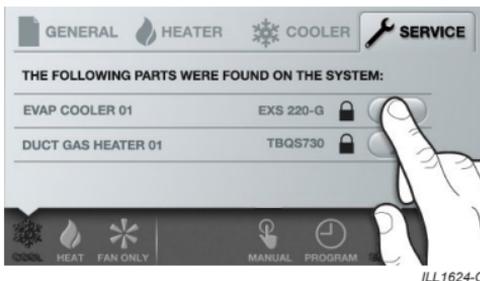


## SERVICE MENU cont

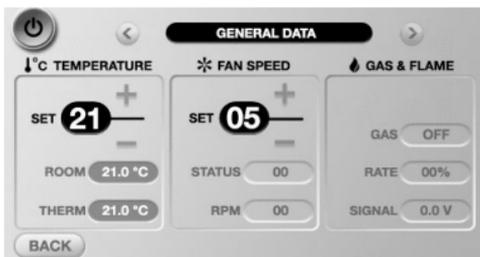
Other components of the same type can be accessed by using the scroll left/right buttons.



To access other types of components in system go BACK to main SERVICE screen and select another .



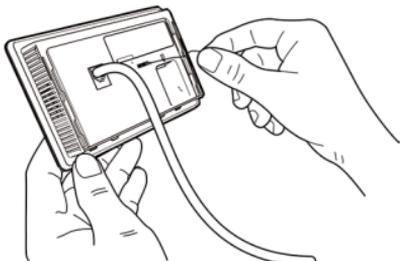
Navigate menu to find "Service Operating Screen".



## CONTROLLER OR SYSTEM RESET

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

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



ILL1596-B

This will cause the following screen to appear:



ILL1632-A

### **Note! RESET WALL CONTROLLER ONLY**

This option should only be selected if the wall controller connected was previously used in another installation.

### **RESET WHOLE SYSTEM**

Resetting the whole system will set all components connected to the wall controller to default factory settings. When a system is reset it will be required to go through 'System Installation Wizard' again from the start.

# MANAGING COMPONENTS

## ADDING COMPONENTS

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!** New components of the same type are connected and set-up **ONE AT A TIME**.



ILL1633-A

# MANAGING COMPONENTS cont

## REPLACING COMPONENTS

When a component is disconnected the MagIQtouch Controller will display a warning message.



ILL1634-C

When a new replacement component is connected and powered up, the controller will give you options to follow depending on your installation.



ILL1635-B

**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

## PERMANENTLY REMOVING COMPONENTS

Disconnect the component from the system. This should cause the MagIQtouch Controller to display a warning message.



ILL1638-C

The normal screen operation will resume except a fault icon will appear in the lower right hand corner of the task bar.



ILL2406-A

Go to SERVICE and select the appliance with the Fault icon.



ILL2407-A

# MANAGING COMPONENTS cont

## REMOVING COMPONENTS CONT.

Select REMOVE APPLIANCE



Press DELETE to permanently remove the appliance from the system



# MANAGING THE MAGIQTOUCH CONTROLLER

## CONNECTING A NEW CONTROLLER TO AN EXISTING SYSTEM

Connect the Controller to the system, ensuring all components are powered.

Choose the “HEATING” or “COOLING” or both..



ILL2410-A

The MagIQtouch controller scans one type of component at a time. You can skip to next component type if all a particular type have been found.

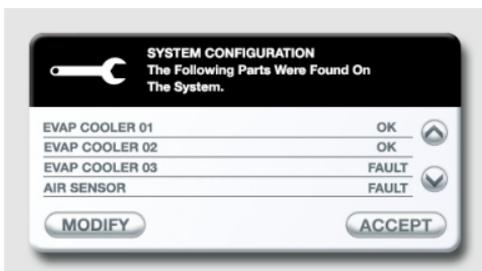


ILL2411-A

# MANAGING THE MAGIQTOUCH CONTROLLER cont

## CONNECTING A NEW CONTROLLER TO AN EXISTING SYSTEM cont

The MagIQtouch controller displays a summary list of what it found. If correct it can be accepted ready for the controller to operate.

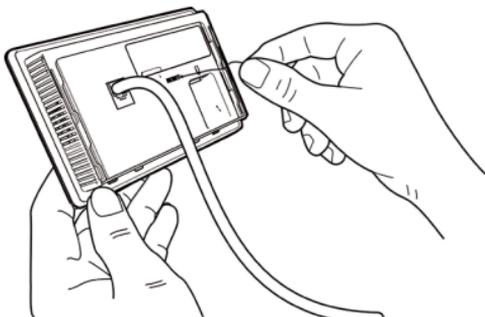


ILL1637-C

## CONNECTING A PRE-USED CONTROLLER

**Important!** Reset any pre-used MagIQtouch controllers before configuring to an existing system.

Once reset the installation process is the same.



## FAULT ROUTINE

When a component experiences a fault the below screen will be displayed. The operator has three choices.



ILL1641-B

By pressing “IGNORE” the fault still remains, and a small fault icon will be displayed on the lower right hand side of the screen.

By pressing the “attention” icon, the operator can access information about all current faults

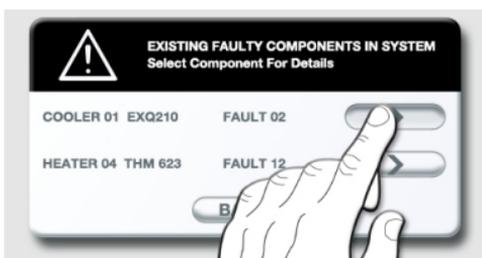


ILL1642-C

## FAULT ROUTINE cont

Faults fall into four categories:

1. Auto Reset Fault – a minor fault not displayed but recorded in fault history.
2. Running Fault - if ignored the component will continue to operate with reduced functionality. When the fault is resolved, the fault icon will no longer display.
3. Service Fault – fault will cause the component to shut down but may be resolved by the user.
4. Service Agent Fault – fault will cause the component to shut down and will require a service agent to resolve.



ILL1643-B



ILL1644-B

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

## SECONDARY CONTROLLERS

Multiple MagIQtouch Controllers can be used to control individual zones. In such installations there is always one “primary controller” located in a nominated “primary zone”. All other controllers become “secondary controllers”.

In such systems certain principles that apply:

- If the primary controller is set to OFF, no other zone can be turned on.
- If the primary controller is set to ON, zones can be turned on and off from the secondary controllers.
- The primary operating mode (HEAT, COOL and FAN ONLY) is dictated by the primary controller and cannot be changed by a secondary controller.
- The SETTINGS menu in a secondary controller will only display options relevant for the applicable zone.

### **For Evaporative Cooling:**

- The Primary Controller is the only active controller.
- The set temperature or fan speed can only be modified by the Primary Controller.

### **For Gas Ducted Heating / Integrated Cooling:**

- The secondary operating mode (MANUAL and PROGRAM) can be selected for each zone from the primary and secondary controllers.
- The set temperature is unique for each zone and is set from the controller located within the zone (either primary or secondary).
- No fan speed limit control is available. Fan speed is automatically controlled by the heater to achieve the set temperature.

## POWER OUTAGES

After a power outage there will be a prompt to check the time and date is still correct. Outages greater than approximately 7 days will require the time and date to be reset.

If AUTO RESTART option is ON in general settings, the cooler or heater will automatically restart in the last running state before the outage

## TROUBLE SHOOTING

Symptom	Cause	Action
The MagIQtouch Controller has no display.	Cable not connected correctly	Refit cable.
	Cable damaged or broken.	Replace cable.
The MagIQtouch Controller shows the cooler/heater is on, but I can't hear the fan working.	Set temperature is 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: 1300 650 644

New Zealand: 0800 589 151

### **Seeley International Technical Support**

Australia: 1300 650 399

New Zealand: 0800 589 152

For all other regions, contact your local distributor:

**[seeleyinternational.com](http://seeleyinternational.com)**

### **Online Support Portal (AUS/NZ)**

Scan or Click QR Code



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

Accordingly, specifications are subject to change without notice.

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