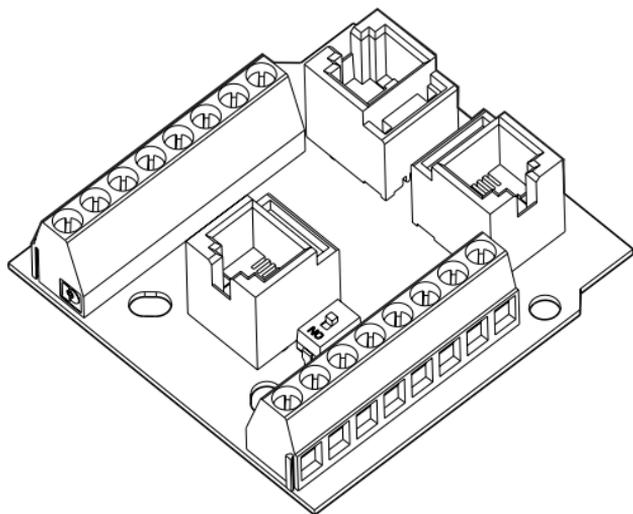




INSTALLATION MANUAL

MagIQtouch Link Module



MAGIQTOUCH[®]
LINK MODULE

Original English Instructions

TABLE of CONTENTS

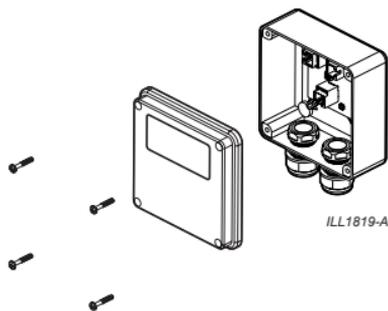
KIT CONTENTS	1
SAFETY	
Employer and Employee Responsibilities	2
Installer and Maintenance Contractors – Risk Assessment	2
INTRODUCTION	3
CABLE LENGTHS	4
REPLACING A LINK MODULE	
Mounting a Link Module In Enclosure	5
Mounting a Link Module Board Only	5
CONNECTING CABLES	
Connection Priority	6
CONNECTING EXAMPLES	7
SETTING DIPSWITCHES	8
SYSTEM CONFIGURATION DIAGRAMS	
Evaporative Cooler + Master Air Sensor - RJ Connection	9
Multiple Evaporative Cooler - RJ Connection	10
Multiple Evaporative Cooler - Wired Terminals	11
Gas Ducted Heater + Evaporative Cooler	12
Gas Ducted Heater + Evaporative Cooler + Master Air Sensor	13

KIT CONTENTS

094274

MagIQtouch Link Module in Enclosure

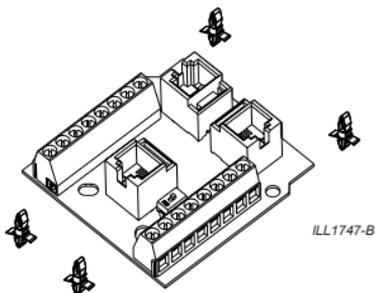
Contents:	
Qty	Description
1	Link Module in Enclosure
1	Communication cable (3m)
1	Literature



094281

MagIQtouch Link Module Board only

Contents:	
Qty	Description
1	Link Module Board
4	Plastic Standoffs
1	Communication cable (200mm)
1	Literature



SAFETY

EMPLOYER AND EMPLOYEE RESPONSIBILITIES

The installation and maintenance of evaporative coolers at height has the potential to create Occupational Health and Safety issues for those involved. Installers are advised to ensure they are familiar with Local Acts, Regulations and Standards, which may offer practical guidance on health and safety issues. Compliance with these regulations will require appropriate work practices, equipment, training and qualifications of workers.

INSTALLER AND MAINTENANCE CONTRACTORS – RISK ASSESSMENT

Seeley International provides the following information as a guide to contractors and employees to assist in minimising risk whilst working at height.

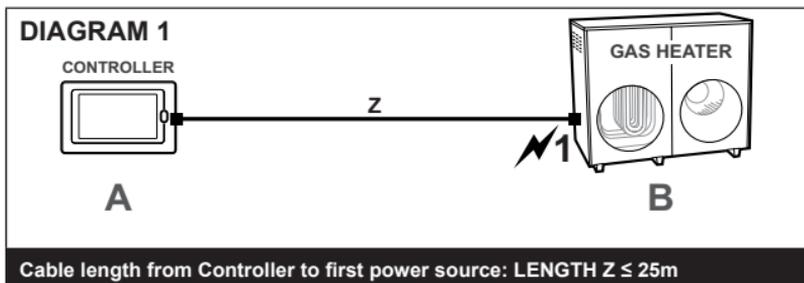
A risk assessment of all hazardous tasks is required under legislation. A risk assessment is an essential element that should be conducted before the commencement of work, to identify and eliminate the risk of falls or to minimise these risks by implementing control measures. There is no need for this to be a complicated process, it just is a matter of looking at the job to be done and considering what action(s) are necessary so the person doing the job does not injure themselves.

This should be considered in terms of:

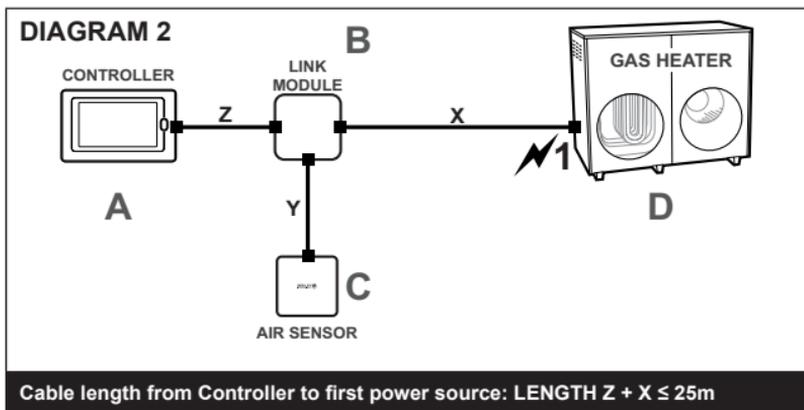
- What are the chances of an incident happening?
- What could the possible consequence be?
- What can you do to reduce, or better still, completely get rid of the risk?

INTRODUCTION

The MagIQtouch Link Module is used to connect additional MagIQ compatible products (e.g. coolers, heaters, sensors etc.) into the system using RJ 6way communication cables. See example below:



ILL1748-B



ILL1749-B

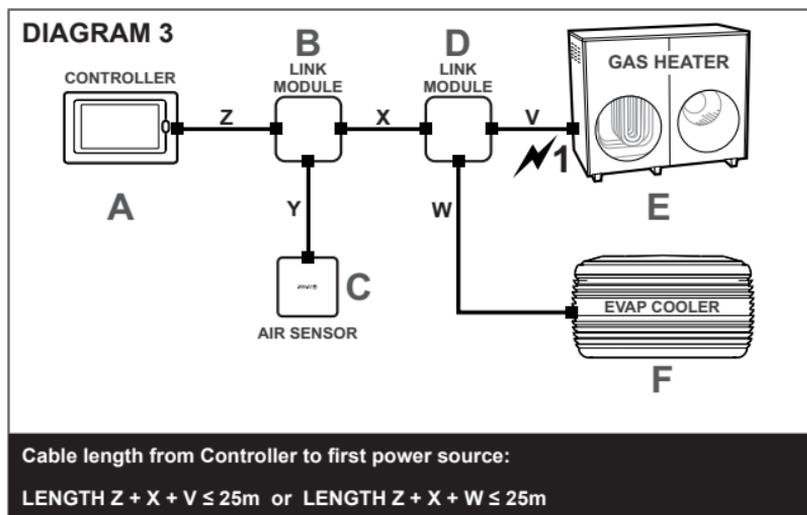
When planning a system installation, consider that the control signal starts from the primary MagIQtouch Controller (A) and travels outwards to each connected component.

CABLE LENGTHS

As the MagIQtouch Controller receives power from the first heater or cooler, cable length restrictions apply.

Important!

The total distance between the controller and the first power source should be no greater than 25m.



Cable lengths between all other components should be no greater than 20m.

For more information, refer to System Configuration diagrams at the end of this manual.

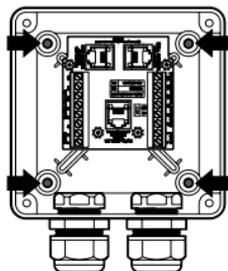
REPLACING A LINK MODULE

MOUNTING A LINK MODULE IN ENCLOSURE

Drill out 4 mounting holes located inside the enclosure.

Mount the enclosure as required using the 4 mounting holes.

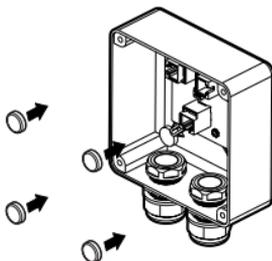
If mounting in an exposed or humid location, ensure that the cable glands are facing downwards.



ILL1751-B

Caution! Extra low voltage communication cable should be located away from power cables. Cross power cables perpendicularly, never run alongside.

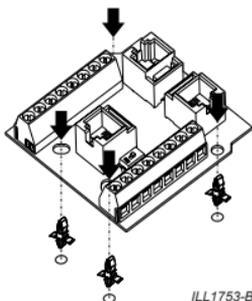
Cover screw heads with the provided caps to seal the enclosure.



ILL1752-A

MOUNTING A LINK MODULE BOARD ONLY

Remove the faulty link module board, leaving the plastic standoffs in place. Clip the new board into the plastic standoffs.



ILL1753-B

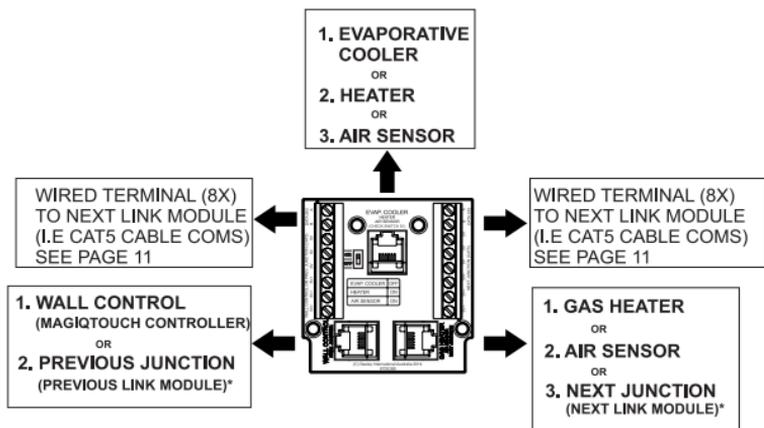
CONNECTING CABLES

Each connector on the board is labelled with possible connection options, listed in order of priority. Always use the top option where possible.

Important! Correct cable connection is essential for successful operation of the system!

For Icon series Evaporative coolers only, the ferrite on the communications lead supplied with the Icon series Evaporative coolers should be transferred to the 3m link module supplied with module.

CONNECTION PRIORITY

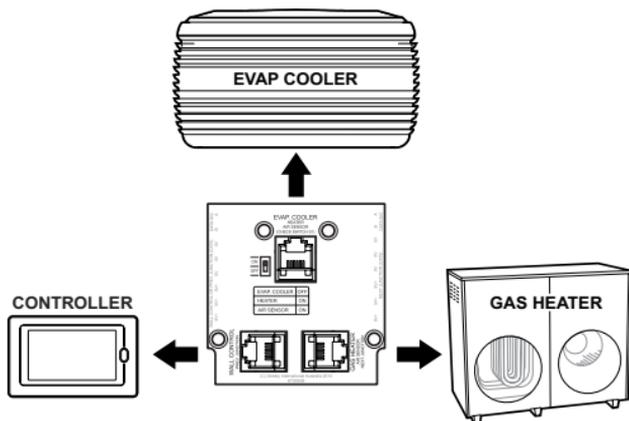


ILL1754-C

Note! Refer to Diagram 4 on page 5. In this example the link module B would be the “previous junction” and the link module D would be the “next junction”.

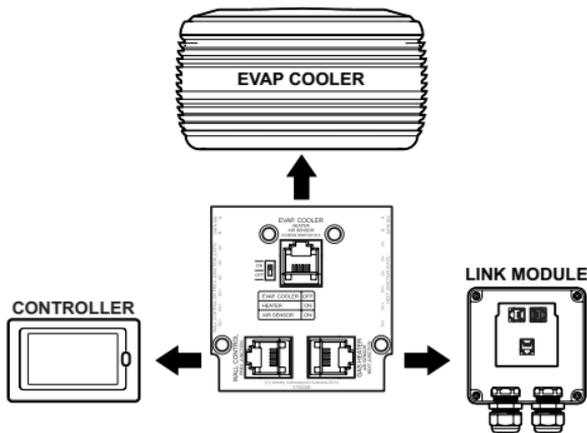
CONNECTING EXAMPLES - RJ PORTS

Example 1:



ILL1755-B

Example 2:

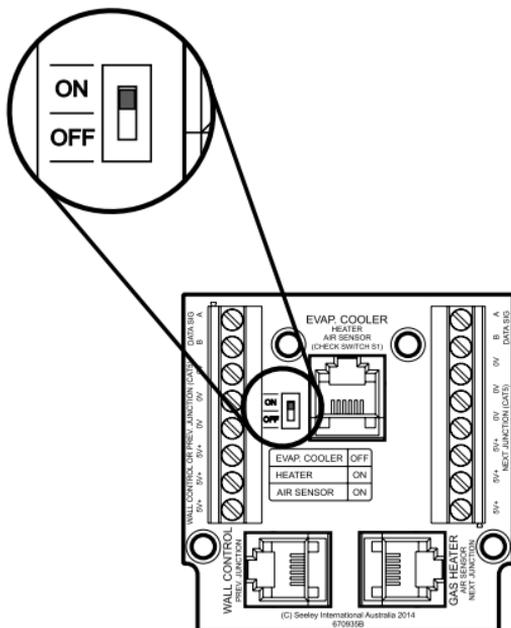


ILL1756-B

SETTING DIPSWITCHES

After connecting the cables, ensure the dipswitch is set correctly. The following table indicates how the dipswitch should be set depending on what product is connected next to it.

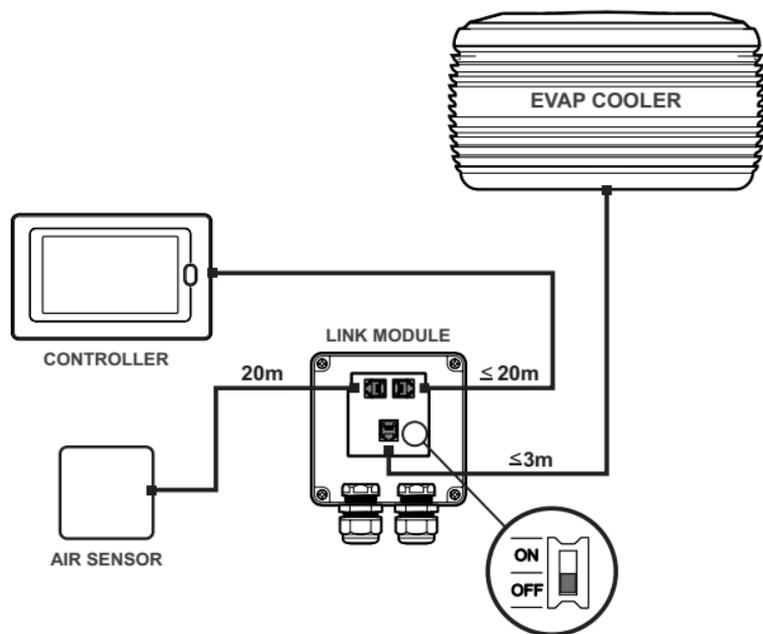
Cable Connected To	Set Switch To
Evaporative Cooler	OFF
Gas Ducted Heater	ON
MagIQtouch Air Sensor	ON



ILL1757-B

SYSTEM CONFIGURATION DIAGRAMS

Evaporative Cooler + Master Air Sensor - RJ Connection



ILL1758-B

Major Appliances:

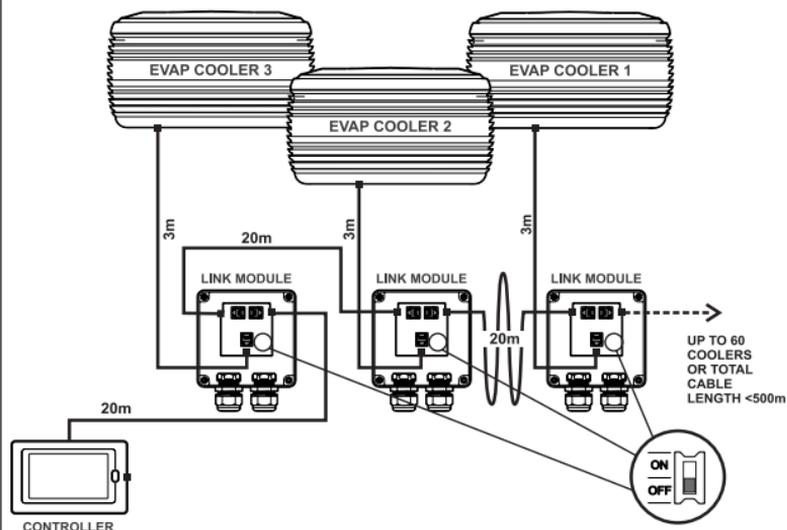
Appliance	Included With Appliance	Qty.
Evaporative Cooler	MaglQtouch Controller	1
	20m Cable	1

Additional Kits Required:

P/N	Description	Cable Included	Qty.
094328	MaglQtouch Air Sensor	20m	1
094274	MaglQtouch Link Module, in Enclosure	3m	1

SYSTEM CONFIGURATION DIAGRAMS

Multiple Evaporative Cooler - RJ Connection



ILL1759-E

Major Appliances:

Appliance	Included With Appliance	Qty.
Evaporative Cooler	MagIQtouch Controller 20m Cable	1 1

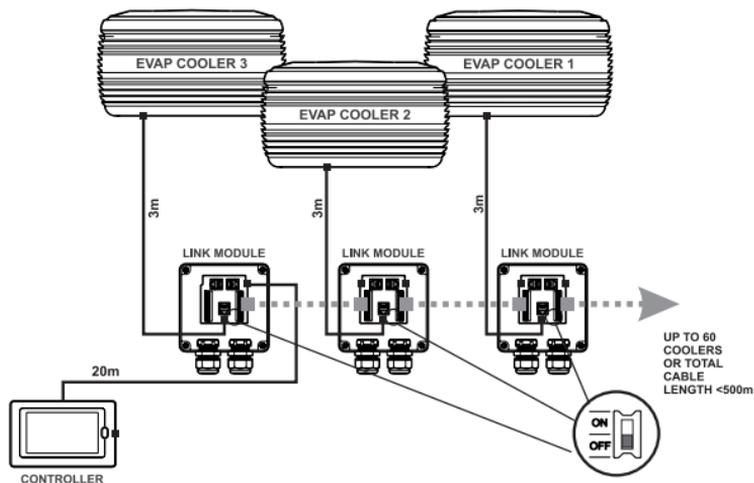
Additional Kits Required:

P/N	Description	Cable Included	Qty.
094274	MagIQtouch Link Module, in Enclosure	3m	x

X = 1 Link Module required per cooler

SYSTEM CONFIGURATION DIAGRAMS

Multiple Evaporative Cooler - Wired Terminals



..... CAT5 Cable supplied by others

ILL3117-A

Major Appliances:

Appliance	Included With Appliance	Qty.
Evaporative Cooler	MagIQtouch Controller 20m Cable	1 1

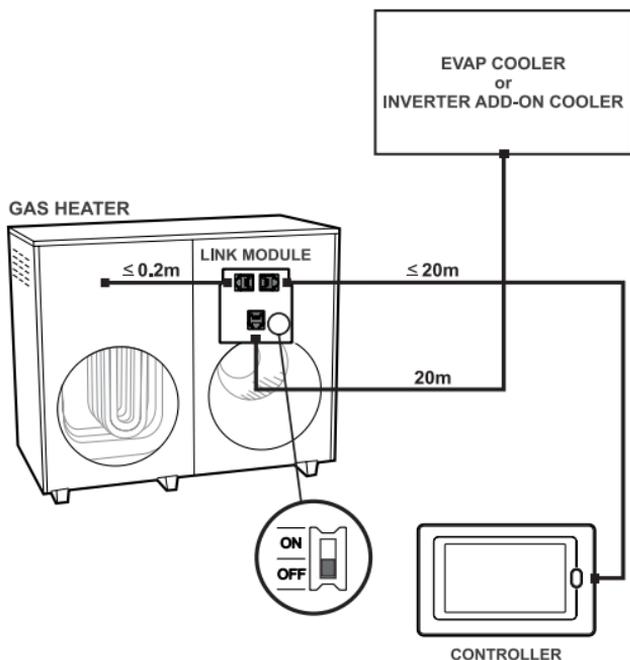
Additional Kits Required:

P/N	Description	Cable Included	Qty.
094274	MagIQtouch Link Module, in Enclosure	3m	x

X = 1 Link Module required per cooler

SYSTEM CONFIGURATION DIAGRAMS

Gas Ducted Heater + Evaporative Cooler



ILL1760-C

Major Appliances:

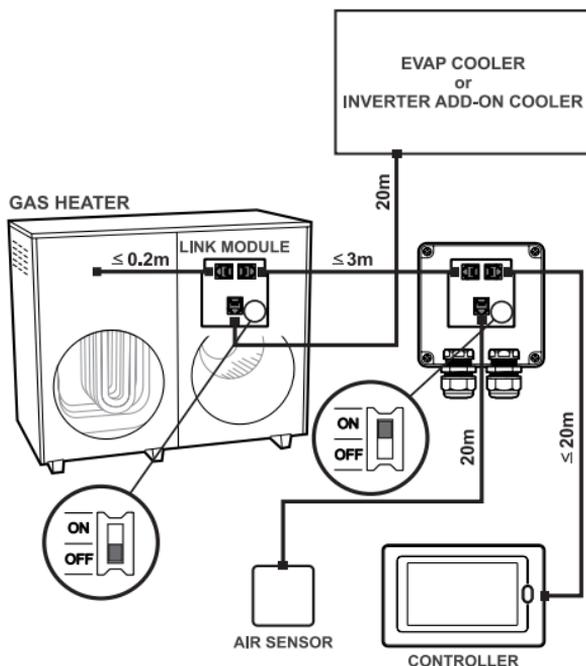
Appliance	Included With Appliance	Qty.
Gas Ducted Heater	Mag Qtouch Controller	1
	20m Cable	1
Evaporative Cooler (Optional)	Mag Qtouch Controller	1
	20m Cable	1
Inverter Add-On Cooler (Optional)	Mag Qtouch Controller Supplied with Heater	

Additional Kits Required:

P/N	Description	Cable Included	Qty.
094281	Mag Qtouch Link Module, Board Only	0.2m	1

SYSTEM CONFIGURATION DIAGRAMS

Gas Ducted Heater + Evaporative Cooler + Master Air Sensor



ILL1761-C

Major Appliances:

Appliance	Included With Appliance	Qty.
Gas Ducted Heater	MagiQtouch Controller	1
	20m Cable	1
Evaporative Cooler (Optional)	MagiQtouch Controller	1
	20m Cable	1
Inverter Add-On Cooler (Optional)	MagiQtouch Controller Supplied with Heater	

Additional Kits Required:

P/N	Description	Cable Included	Qty.
094328	MagiQtouch Air Sensor	20m	1
094274	MagiQtouch Link Module, in Enclosure	3m	1
094281	MagiQtouch Link Module, Board Only	0.2m	1



Warranty Service
Australia 1-300-650-644

MANUFACTURED BY: SEELEY INTERNATIONAL PTY LTD
112 O'SULLIVAN BEACH RD, LONSDALE SA, 5160. AUSTRALIA

IMPORTED BY: SEELEY INTERNATIONAL (EUROPE) LTD
*5 PAPPLEWICK LANE, HUCKNALL, NOTTINGHAM,
NOTTINGHAMSHIRE, NG15 7TN, UNITED KINGDOM*

SEELEY INTERNATIONAL (AMERICAS) LTD
*1202 NORTH 54TH AVENUE, BUILDING 2, SUITE 117,
PHOENIX, ARIZONA 85043, USA*

SEELEY INTERNATIONAL (AFRICA) PTY LTD
*6 WITTON ROAD, FOUNDERSVIEW SOUTH,
MODDERFONTEIN 1609, GAUTENG, SOUTH AFRICA*

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.

MAGIQTOUCH
LINK MODULE

863092-C

seeleyinternational.com

AU 1810