Merlin®
Powering Garage Doors

WeatherDrive™

Re-order code: MR550EVO

OR

DOOR TYPES: residential rolling garage doors **DOOR SIZE:** up to 15m²

The ideal product for powering sheds and carport roller doors

Key Benefits

Compliant to Australian and New Zealand Standard AS/NZS 60335-2-95

Weather Resistant
Market leading IP34 rated housing to help protect from the elements.

Slimline Design
Designed for tight spaces. The opener only requires minimum side room of 40 mm.

LED Lighting
9 ultrabright LED's built into the opener.

Security+2.0
Transmitters communicate on multiple frequencies with encrypted rolling code. This ensures the strongest frequency is selected every time, virtually eliminating interference while providing the highest level of security.

Up to 75% less energy*
Uses less than 1 watt of power whilst in standby mode. The best performance in the industry.

E-Lock
Control Panel buttons can be locked, providing better security.

Dual speed
Two travel speeds provides greater control and performance.

Quiet and Powerful Motor
The powerful and fast DC motor is quiet and built to last with the strength to open any garage door or shed.

Improved Transmitter Range
Tested against other products, these transmitters have up to 18% better range which means you can start opening your garage door sooner.

3 Year Warranty
Backed by a 3 year / 7,500 cycle warranty** we stand behind our products with an after sales support team that we believe are the best in the industry.

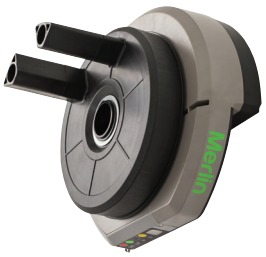
Standard Merlin Safety Features

Premium Automatic Safety Reverse
With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop going up.

Automatic Force Sensing
Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door.

Manual Release
In case of power failure you can simply activate the manual release to open your garage door.

*when compared to other available products ** conditions apply



Kit Contents

1 x Powerhead

2 x Premium+ remote controls E960M

1 x Wireless wall button E138M

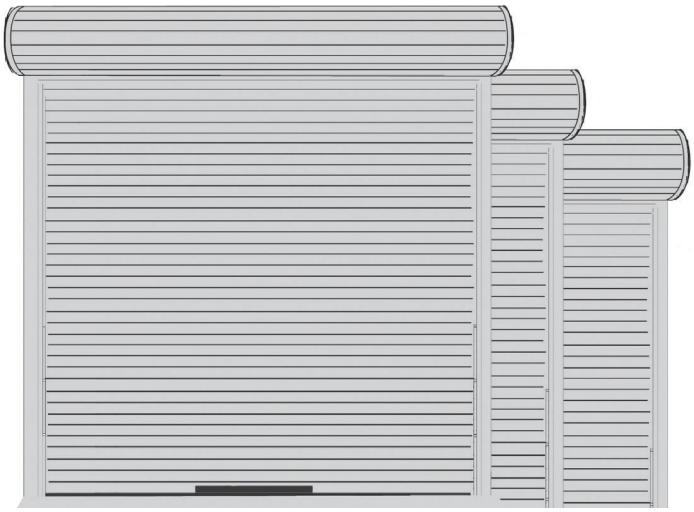
Weight bar

SPECIFICATIONS

- IP34 housing
- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Minimum side room 40mm
- Rated door area up to 15m²
- Max door weight: up to 100kg
- Drum rotations: 5.5
- Max peak pulling force: 500 N
- 433.30, 434.54, 433.92 MHz AM radio with Security+2.0 encrypted rolling code technology.
- Up to 64 memory registers
- Courtesy light: 9 standard ultrabright LEDs
- Noise rating 1M : 51DB
- Soft start/stop function

WeatherDrive™

Merlin®
Powering Garage Doors



Door height: 5.5m, 3.0m, 2.7m Door width: 2.7m, 5.0m, 5.5m
Single dwelling, max door weight: up to 100kg

DOOR SPECIFICATIONS

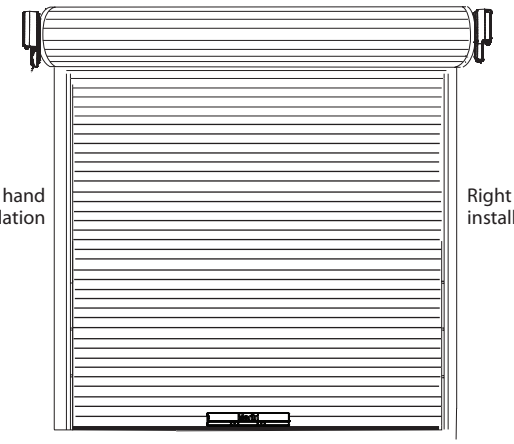
- Maximum lifting under spring tension = 15kg
- Suitable for steel spring balanced doors

DOOR OPENING AND CLOSING TIMES

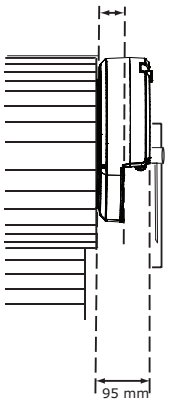
14 seconds (regular)
18 seconds (slow)

14 seconds (regular)
18 seconds (slow)
(based on a 2.3m high door)

TYPICAL INSTALLATION



Minimum distance from edge of curtain to edge of door bracket 40mm



OPTIONAL ACCESSORIES

Wall or visor mounted three channel transmitter
E943M

Wall or visor mounted single channel transmitter
E940M

Wireless keypad
E840M

Protector system safety beam sensors
774ANZ

2 x Three channel key ring mini-transmitters
E945M

CHAMBERLAIN®

The World's Largest Manufacturer of Garage Door Openers

Australia Phone: 1800 638 234 **Fax:** 1800 888 121 **Web:** gomerlin.com.au
New Zealand Phone: 0800 653 667 **Fax:** 0800 653 663 **Web:** gomerlin.co.nz

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Certificate No.: SGS/150679

CERTIFICATE OF SUITABILITY

This certificate is issued to confirm that ***SGS Systems & Services Certification Pty Ltd*** (Electrical Product Certification Services (EPCS) Australia) as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has certified the article described herein to comply with the minimum safety standards for which the Application has been made by :-

Chamberlain Australia Pty Ltd
Unit 1, 75 Epping Road
NORTH RYDE NSW 2113
AUSTRALIA

DESCRIPTION OF ELECTRICAL EQUIPMENT

Product:	Garage Door Opener
Trade Name / Manufacturer:	Merlin
Catalogue / Model No(s):	MR550EVO
Ratings:	230-240 V a.c.; 50 Hz; 120 W; Class II; IP34; T55; Rated Load: 32 Nm
Standard No.:	AS/NZS 60335.2.95:2012 with AS/NZS 60335.1:2011 + A1 + A2

REQUIRED MARKING: SGS-150679-E

EXPIRY DATE: 27 September 2020

DATE OF CERTIFICATION: 28 September 2015

JAS-ANZ

www.jas-anz.org/register

For and On Behalf of
SGS Systems & Services Certification Pty Ltd

Merlin®
the automatic choice

QuietDrive®

DOOR TYPES: residential rolling garage doors **DOOR SIZE:** up to 16.5m²

Key Benefits

Compliant to Australian and New Zealand Standard AS/NZS 60335-2-95

Security+2.0
Transmitters communicate on multiple frequencies with encrypted rolling code. This ensures the strongest frequency is selected every time, virtually eliminating interference while providing the highest level of security.

Up to 75% less energy*
Advanced technology uses less than 1 watt of power whilst in standby mode, meeting the world's toughest energy standards.

Quiet and Powerful Motor
The powerful and fast DC motor is quiet and built to last with the strength to open any branded domestic door.

Improved Transmitter Range
Tested against other products, these transmitters have up to 18% better range which means you can start opening your garage door sooner.

Soft Start / Stop Function
Designed to ensure smooth and quiet door operation.

5 Year Warranty
Backed by a 5 year / 10,000 cycle warranty** we stand behind our products with an after sales support team that we believe are the best in the industry.

Standard Merlin Safety Features

Premium Automatic Safety Reverse
With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop going up.

Automatic Force Sensing
Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door.

Manual Release
In case of power failure you can simply activate the manual release to open your garage door.

*when compared to other available products ** conditions apply

Kit Contents

1 x Powerhead

2 x Three channel key ring mini-transmitters E945M

Wireless wall button E128M

Weight bar

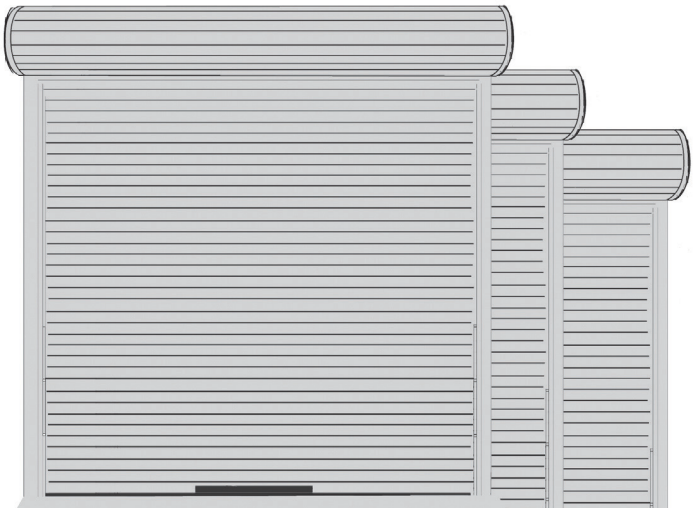
CHAMBERLAIN

SPECIFICATIONS

- 12V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area up to 16.5m²
- Drum rotations: 4.5
- Max door weight: up to 100kg
- Max peak pulling force: 500 N
- Minimum side room 45mm
- 433.30, 434.54, 433.92 MHz AM radio with Security+2.0 encrypted rolling code technology.
- Up to 64 memory registers
- Garage illumination: 6 standard ultrabright LEDs
- Noise rating 1M : 59DB

QuietDrive®

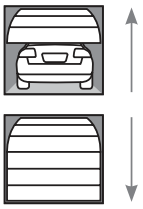
Merlin®
the automatic choice



DOOR SPECIFICATIONS

- Maximum lifting under spring tension = 20kg
- Suitable for steel spring balanced doors

DOOR OPENING AND CLOSING TIMES

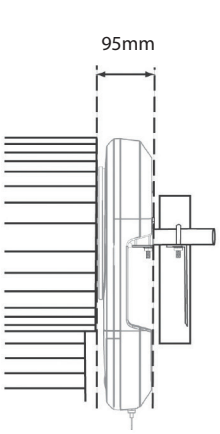


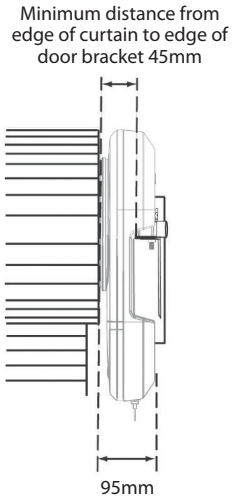
13 seconds

13 seconds
(based on a 2.3m high door)

Door height: 4.5m, 3.0m, 2.3m Door width: 2.2m, 4.0m, 5.4m
Single dwelling, max door weight: up to 80kg

TYPICAL INSTALLATION





OPTIONAL ACCESSORIES

Premium+ four channel transmitter
E960M

Wall or visor mounted three channel transmitter
E943M

Wall or visor mounted single channel transmitter
E940M

Wireless keypad
E840M

Protector system safety beam sensors
774ANZ

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Merlin®
Powering Garage Doors

SilentDrive Pro

Re-order code: MR855EVO

DOOR TYPES: residential rolling garage doors **DOOR SIZE:** up to 18m²

Key Benefits

Compliant to Australian and New Zealand Standard AS/NZS 60335-2-95

Security+2.0
Transmitters communicate on multiple frequencies with encrypted rolling code. This ensures the strongest frequency is selected every time, virtually eliminating interference while providing the highest level of security.

Up to 75% less energy*
Advanced technology uses less than 1 watt of power whilst in standby mode, meeting the world's toughest energy standards.

Quiet and Powerful Motor
The powerful and fast DC motor is quiet and built to last with the strength to open any branded domestic door.

Improved Transmitter Range
Tested against other products, these transmitters have up to 18% better range which means you can start opening your garage door sooner.

Soft Start / Stop Function
Designed to ensure smooth and quiet door operation.

7 Year Warranty
Backed by a 7 year / 15,000 cycle warranty** we stand behind our products with an after sales support team that we believe are the best in the industry.

Standard Merlin Safety Features

Premium Automatic Safety Reverse
With its automatic safety function your garage door will stop and reverse automatically if obstructed going down or stop going up.

Automatic Force Sensing
Equipped with automatic force sensing, with each operation the garage door opener monitors and adjusts the force needed to open your garage door.

Manual Release
In case of power failure you can simply activate the manual release to open your garage door.

*when compared to other available products **conditions apply

Kit Contents

1 x Powerhead

2 x Premium+ remote controls E960M

Two channel wireless wall button E138M

Weight bar

SPECIFICATIONS

- 24V DC motor with thermal overload protection
- Input voltage: 240V AC
- Rated door area up to 18m²
- Drum rotations: 4.5
- Max door weight: up to 120kg
- Max peak pulling force: 550 N
- Minimum side room 45mm
- 433.30, 434.54, 433.92 MHz AM radio with Security+2.0 encrypted rolling code technology.
- Up to 64 memory registers
- Garage illumination: New LED lighting
- Noise rating 1M : 59DB

SilentDrive Pro

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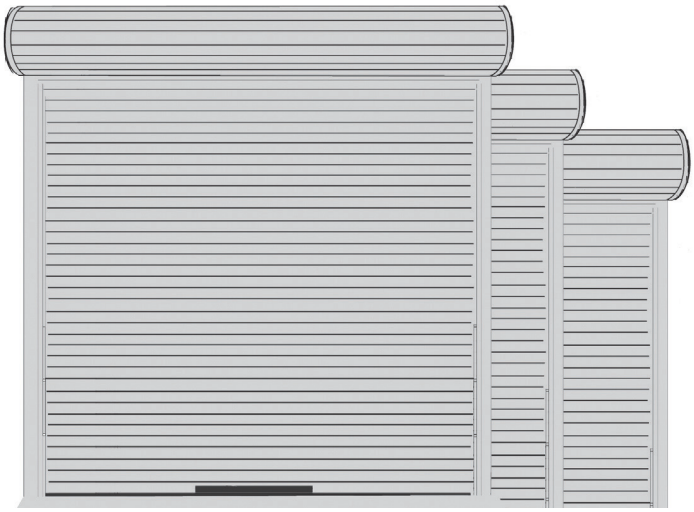
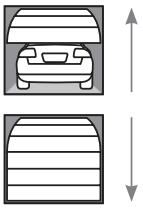


Door height: 4.5m, 3.0m Door width: 4.0m, 6.0m
Single dwelling, max door weight: up to 120kg

DOOR SPECIFICATIONS

- Maximum lifting under spring tension = 20kg
- Suitable for steel spring balanced doors

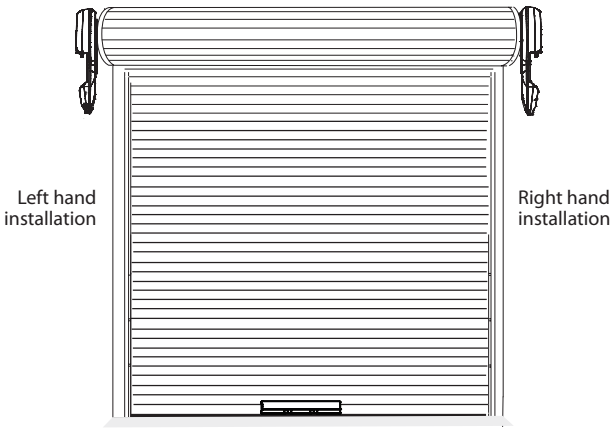
DOOR OPENING AND CLOSING TIMES

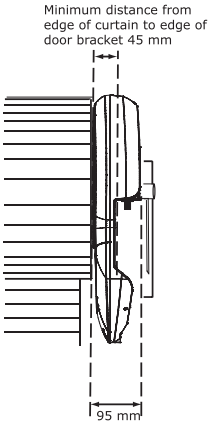


13 seconds

13 seconds
(based on a 2.3m high door)

TYPICAL INSTALLATION





OPTIONAL ACCESSORIES

Wall or visor mounted three channel transmitter E943M

Wall or visor mounted single channel transmitter E940M

3 channel mini transmitter E945M

Wireless keypad E840M

Protector system safety beam sensors 774ANZ

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