

GRIFCO®

POWERING COMMERCIAL DOORS



ROLLER SHUTTER OPERATOR FOR
SPRING-BALANCED COMMERCIAL DOORS



AVAILABLE ON:



GRIFCO®

OVER 100 YEARS OF AUSTRALIAN MANUFACTURING

E-DRIVE

THE INDUSTRY-LEADING BENCHMARK FOR QUALITY, RELIABILITY AND INTELLIGENCE.

E-Drive with myQ connectivity utilises the latest logic and smart technology and builds upon Grifco's trusted legacy for traditional spring-balanced roller shutters and grilles.

Regarded as the industry benchmark, E-Drive with myQ offers powerful unbeatable performance for commercial doors. The proprietary expandable logic enables exceptional versatility and adaptability on location.

KEY FEATURES

- Purpose-designed gearbox with a range of powerful motors.
- Multiple configuration options to suit an extensive range of applications.
- Electronic limits with Security +2.0 radio onboard for encrypted security.
- A comprehensive and modular range of accessories.
- Compatible with myQ smartphone control.*



LASTING PERFORMANCE

The purpose-designed gearbox and AC motor combine to deliver extremely reliable, powerful operation. E-Drive is manufactured in Australia.



INTELLIGENCE & FLEXIBILITY

Straight out of the box, the Grifco +2.0 logic is ideal for car park applications. An expansion board is also available for advanced functionality.



SAFE & COMPLIANT

Meets all applicable regulatory standards. Utilises Grifco's broad range of safety accessories to achieve a safe and compliant installation.



A LEADING WARRANTY FROM THE ONLY AUSTRALIAN MANUFACTURER OF ROLLER SHUTTER OPERATORS

Grifco's warranty covers the entire operator and is supported by our national Field Service Technicians and our Customer Service Centre.

myQ Capable*



APP AVAILABLE ON:



- 📍 Control from anywhere
- 🔔 Real-time notifications
- 📅 Preset scheduling
- 🔑 Access control



COMPLETE CONTROL

By adding a myQ gateway, E-Drive is now even smarter. Control from anywhere, receive real-time notifications, schedule open & close times and control access via the myQ App.

* myQ Gateway and Grifco Entrapment Protection System required.

Engineered and manufactured in Australia

Our manufacturing facility located in West Gosford NSW continues Grifco's proud manufacturing history spanning more than 100 years in Australia.



STANDARD SHUTTERS AND DOORS

INFORMATION AND RECOMMENDATIONS

Grifco claims operator performance based on door area and height. These claims are based on what we regard as a "Standard Roller Shutter" or commercial sectional door. Please refer below to what we classify as a standard shutter or door.

Information for Roller Shutters

Standard Roller Shutters

All of the operators in this catalogue have a recommended maximum roller shutter area listed in the relevant specification table.

All recommended door sizes are based on a "Standard Roller Shutter" (refer below):

- The Shutter is correctly spring-balanced.
- The Shutter has max 1mm x min 100mm slats, with a diameter 150mm drum for shutters max 36m², or diameter 200mm drum for shutters 36 - 50m².
- The Shutter has no wind-locks.
- A sprocket ratio $\geq 4:1$ is used.

Non Standard Roller Shutters

If the roller shutter you are automating varies in general specification from the "Standard Roller Shutter" assumptions made previously, some consideration should be given to increasing the sprocket ratio or operator size.

Grifco technical support can provide guidance if required.

Door Guides

It is recommended that the door guides be fitted with mechanical stops that prevent the bottom rail of the door from passing through in the opening direction. The operator should stall if driving into mechanical stops. This information is provided as a guide only.

Commercial Door Operator Duty Cycle Definitions

Grifco operators are rated for duty cycles to match various door automation requirements. Ratings are approximate only.

Low Cycle

Low cycle rated products are suited to applications such as warehouses and industrial facilities.

High Cycle

High cycle rated products are suited to applications such as car parks, emergency services facilities and busy distribution centres.

Cycle ratings refer to the maximum rated door size.

Duty Cycle	Run Time per hour	Approx Mins of Operation per Hour	Approx Cycles per Hour
LC-10	10%	6	6
HC-30	30%	18	18
HC-60	60%	36	36
HC-100	100%	60	60



Intelligent & Expandable Logic

Straight out of the box, the E-Drive is ready for typical commercial and industrial applications. The logic board is feature-packed, with multiple configurations for door behaviour and settings.

For applications with additional requirements, the expansion board offers further benefits, such as relay configuration and dock leveller interface. See page 10 for the expansion board and for a detailed look at the E-Drive's logic boards.

By adding a myQ gateway, E-Drive is now even smarter. Control from anywhere, receive real-time notifications, schedule open & close times and share access via the myQ App.

Automatic Chain Engage

In the absence of power, the roller shutter or grille can be manually operated via the hauling chain. The Automatic Chain Engage Mechanism (ACEM) provides safe and easy operation in the absence of power.

Absolute Positioning Encoder

The E-Drive utilises Chamberlain Group's proven Absolute Positioning Encoder technology to control the door limits and direction.

Included Accessories

E-Drive is supplied with the low-voltage wired wall control. This enables most door configuration settings to be performed at ground level and also communicates diagnostics. Also available are advanced wall controls, found on page 11.

Multiple Configurations

The full range of Grifco E-Drive operators are designed to suit the needs of most traditional roller shutters. With choices of power supply, motor size, duty cycle and handing, there is a product to suit your needs.

Security +2.0 Remote Control

E-Drive features the industry-leading Security +2.0 Technology. This advanced platform cuts through interference and ensures consistent, reliable and long range operation.

Transmitter management can be easily added to the installation, with the addition of the STAR1000EVO device.



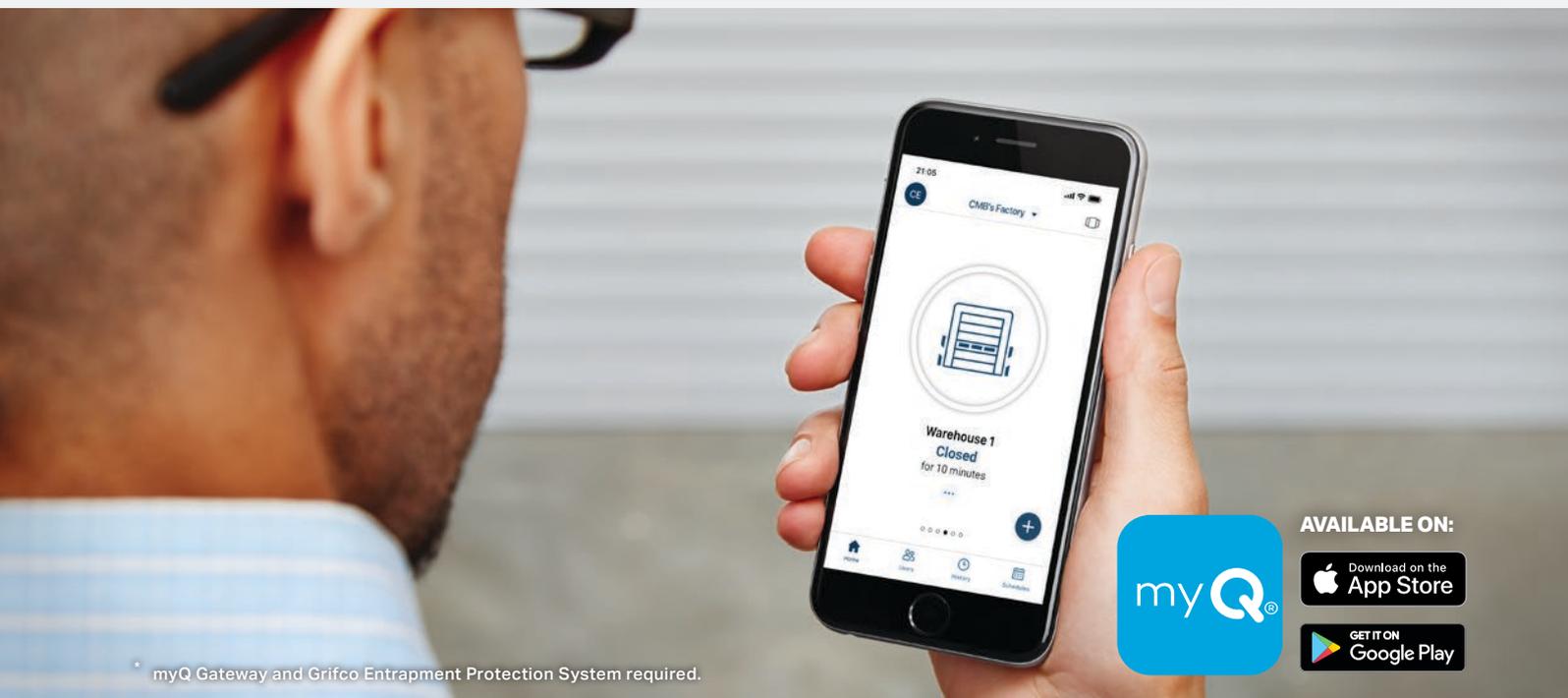
Complete control just a tap away.

 Control from anywhere

 Preset scheduling

 Real-time notifications

 Access control



* myQ Gateway and Grifco Entrapment Protection System required.

COMPLIANCE

Grifco commercial door operators have been tested to comply with the requirements of:

AS/NZS 60335.1:2011 + A1-A5 - Household & similar electrical appliances – Safety – Part 1: General requirements.

AS/NZS 60335.2.103:2016 + A1 - Household & similar electrical appliances – Safety – Part 2: Particular requirements for drives for gates, doors & windows.

SAA Certificate of Suitability SAA201621 available online or upon request.

The Entrapment Protection System for your installation will be determined by the functional requirements of the door. To ensure your installation meets these requirements refer to AS/NZS 60335.2.103.

Explosive Atmospheres Equipment is tested to comply with IEC/AS/NZS 60079.0:2019, 60079.1:2015, 60079.31:2014, AS2380.1:1989, AS2380.2:1991, AS2236:1994, AS1939:1990

REGULATORY COMPLIANCE MARK



All electrical products and components bear the Regulatory Compliance Mark (RCM), placed in accordance with AS/NZS 4417.1 (i.e. generally on the external surface of the electrical equipment as near as possible to the model identification).

Further information on labelling of items with the RCM can be found in the AS/NZS 4417.1 (Use of the mark).

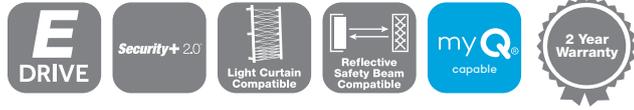
For technical assistance please contact our friendly customer service team:

AUSTRALIA
1800 GRIFCO (1800 474 326)
info@grifco.com.au
www.grifco.com.au

NEW ZEALAND
0800 653 667
info@grifco.co.nz
www.grifco.co.nz

E-DRIVE RKML

OPERATORS FOR LIGHT COMMERCIAL ROLLER DOORS



Model	Nominal Power	Rated Current	Voltage	Phase	Max. Door Size	IP Rating	Duty	No Neutral (N)	Pre-Wired (P)	IP55 (W)	Clutch (C)	
E-Drive Operator • Low Cycle • Three Phase 415V								OPTIONAL UPGRADES				
RML6053	0.37kW	0.5Hp	1.55A	415V	3ph	26m ²	IP44	LC-10	+	+	+	+
E-Drive Operator Only • Low Cycle • Single Phase 240V												
RML6051	0.37kW	0.5Hp	3.40A	240V	1ph	26m ²	IP44	LC-10	-	✓	+	+
E-Drive Operator Kit • Low Cycle • Three Phase 415V												
RKML6053	0.37kW	0.5Hp	1.55A	415V	3ph	26m ²	IP44	LC-10	+	+	+	+
RKML6053EF	0.37kW	0.5Hp	1.55A	415V	3ph	26m ²	IP44	LC-10	+	+	+	+
E-Drive Operator Kit • Low Cycle • Single Phase 240V												
RKML6051	0.37kW	0.5Hp	3.40A	240V	1ph	26m ²	IP44	LC-10	-	✓	+	+
RKML6051EF	0.37kW	0.5Hp	3.40A	240V	1ph	26m ²	IP44	LC-10	-	✓	+	+

When ordering please specify an "L" or an "R" at the end of every part number.
 RML: Operator only
 RKML: Operator with installation kit (as shown above)
 EF: Easy Fit Sprocket

When ordering please specify the appropriate abbreviation (found above) before the "L" or "R" handing. For example RML6051WR. Prewired is standard with all 1Ph operators.

✓ As standard + Optional Upgrade - Not available



Easy Fit Sprocket



OPERATOR KITS FOR LIGHT COMMERCIAL ROLLER DOORS

Model	Nominal Power	Rated Current	Voltage	Phase	Max. Door Size	IP Rating	Duty	
E-Drive Operator • Low Cycle • Single Phase 240V • Monitored Safety Beams • Transmitters								
RKML6051RO	0.37kW	0.5Hp	3.40A	240V	1ph	26m ²	IP44	LC-10

Includes E-Drive Operator Kit as shown above, Wall Control, GPS15 Safety Beams and 2 x E960G Wireless Keying Transmitters.



Popular Accessories

Expansion Board with high lid

EB1



Wireless Keying Transmitter

E960G



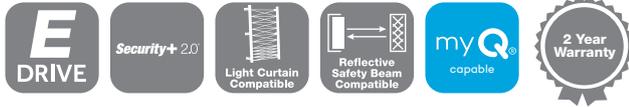
Monitored Reflective Safety Beam

GPS15



E-DRIVE

OPERATORS FOR SPRING-BALANCED ROLLER SHUTTERS



OPERATORS FOR ROLLER SHUTTERS

Model	Nominal Power	Rated Current	Voltage	Phase	Max. Door Size	IP Rating	Duty	No Neutral (N)	Pre-Wired (P)	IP55 (W)	Clutch (C)	
E-Drive Operator • Low Cycle • Three Phase 415V								OPTIONAL UPGRADES				
ML6053	0.37kW	0.5Hp	1.6A	415V	3ph	18m ²	IP44	LC-10	+	+	+	+
ML6103	0.75kW	1.0Hp	2.4A	415V	3ph	36m ²	IP44	LC-10	+	+	+	+
ML6153	1.10kW	1.5Hp	2.9A	415V	3ph	50m ²	IP44	LC-10	+	+	+	+
E-Drive Operator • Low Cycle • Single Phase 240V												
ML6051	0.37kW	0.5Hp	3.5A	240V	1ph	18m ²	IP44	LC-10	-	✓	+	+
ML6102	0.75kW	1.0Hp	6.0A	240V	1ph	36m ²	IP44	LC-10	-	✓	+	+
E-Drive Operator • High Cycle • Three Phase 415V												
MH6103	0.75kW	1.0Hp	2.0A	415V	3ph	30m ²	IP44	HC-30	+	+	+	+
E-Drive Operator • High Cycle • Single Phase 240V												
MH6102	0.75kW	1.0Hp	4.4A	240V	1ph	30m ²	IP44	HC-30	-	✓	+	+
E-Drive Operator • Low Cycle • Three Phase 415V • Smoke Baffle Feature												
ML6103SBF	0.75kW	1.0Hp	2.4A	415V	3ph	36m ²	IP44	LC-10	+	+	+	+
ML6153SBF	1.10kW	1.5Hp	2.9A	415V	3ph	50m ²	IP44	LC-10	+	+	+	+
E-Drive Operator • Low Cycle • Single Phase 240V • Smoke Baffle Feature												
ML6102SBF	0.75kW	1.0Hp	6.0A	240V	1ph	36m ²	IP44	LC-10	-	✓	+	+

When ordering please specify an "L" or an "R" at the end of every part number. MCB's with Smoke Baffle Feature are available for E-Drive retrofit.

When ordering please specify the appropriate abbreviation (found above) before the "L" or "R" handing. For example RML6051WR. Prewired is standard with all 1Ph operators.

✓ As standard + Optional Upgrade - Not available

OPERATOR KITS FOR ROLLER SHUTTERS



Model	Nominal Power	Rated Current	Voltage	Phase	Max. Door Size	IP Rating	Duty	
E-Drive Operator • Low Cycle • Monitored Safety Beams • Transmitters								
ML6103RO	0.75kW	1.0Hp	2.4A	415V	3ph	36m ²	IP44	LC-10
ML6102RO	0.75kW	1.0Hp	6.0A	240V	1ph	36m ²	IP44	LC-10

Kit includes E-Drive Operator, C10A-4 Wall Control, GPS15 Safety Beams and 2 x E960G Wireless Keyring Transmitters.



Popular Accessories

Expansion Board with high lid

EB1



Monitored Safety Beam Kit

GPS15RK



Monitored Light Curtain System

GLCPS



REMOTE TRANSMITTERS

SECURITY +2.0 REMOTE TRANSMITTERS

Model	Description	Channel	Type
E-Drive Remote Transmitters • Portable			
E960G	4-channel Wireless Keyring Transmitter	4	Keyring
E945G	3-channel Wireless Keyring Transmitter	3	Keyring
E943G	3-channel Wireless Visor Transmitter	3	Vehicle
E-Drive Remote Transmitters • Fixed			
E138G	Wireless Wall Transmitter	2	Wall
E840G	Wireless Security Keypad	1 (keypad)	Wall
Security +2.0 Transmitter Management			
STAR1000EVO	Transmitter Management for up to 1,000 Devices		
E8003	Security +2.0 3-channel Add-On Receiver		
E860	Weather Resistant Security +2.0 3-channel Add-On Receiver		



E960G

All Remote Transmitters are compatible with E-Drive operators.
Also compatible with mDrive and many other operators equipped with GLM6 logic only.



myQ INTERNET GATEWAY

myQ INTERNET CONNECTIVITY GATEWAY MODULE

Model	Description
Grifco myQ Internet Gateway	
G828AU	Grifco myQ Internet Gateway

One myQ Internet Gateway can control up to sixteen devices.



TRANSMITTER MANAGEMENT MULTI-PACK

Model	Description
Transmitter Management Pack	
GTM-E960G-50	Multi-Pack of 50 x E960G Transmitters

Remote transmitters are presented in one single pack to be handed over to end user. Pack contains 50 x E960G transmitters, manual, pen (for marking reverse of transmitters) and protective adhesive films.



LOOP DETECTOR

Model	Description
Loop Detector	
LD000	Loop Detector for Vehicle Detection

LD000 does not include ground loop.



ENTRAPMENT PROTECTION DEVICES

MONITORED SAFETY BEAMS

Model	Description
E-Drive Monitored Safety Beam Kit • Reflective	
GPS15	Plug-in Safety Beam Kit, inc beam, reflector, install brackets and 20m cable
GPS15RK	Standard GPS15, supplied as a kit with 2 x E960G Wireless Transmitters
E-Drive Monitored Safety Beam Kit • Send / Receive	
GPS772	Plug-in Safety Beam Kit, inc beams, install brackets & 20m cable
GPS772RK	Standard GPS772, supplied as a kit with 2 x E960G Wireless Transmitters

All Monitored Entrapment Protection Devices are compatible with E-Drive and S-Drive operators. Also compatible with mDrive and many other operators equipped with GLM6 logic only.



GPS15

GPS15RK

GPS772

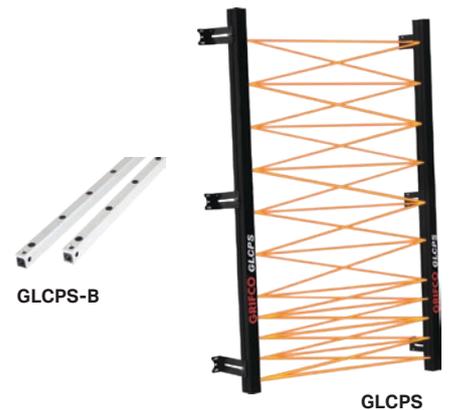
GPS772RK

GPS15

MONITORED LIGHT CURTAIN SYSTEM

Model	Description
E-Drive Monitored Light Curtain System	
GLCPS	Light Curtain, inc mounting frames, beams, mount system and 20m cable
GLCPS-B	Bare Light Curtain without mounting frame, inc 10m cable
GLC-10E	10m extension cable for between light curtains
GLC-10C	10m extension cable between operator and light curtain

The Grifco Light Curtain System is compatible with S-Drive and E-Drive operators with V2 software. Also compatible with mDrive and many other operators equipped with GLM6 logic only.



GLCPS-B

GLCPS

OTHER SAFETY DEVICES

Model	Description
Infrared Safety Beam Kit	
PB008	Safety Beam Kit, including beam, reflector and 9m cable
PB060	Safety Beam Kit, including send/receive beams and 20m cable
Infrared Safety Beam Accessories	
PBBKT1	150mm extension bracket (suitable for both PB008 & PB060)
PBBKT2	20mm extension bracket (suitable for both PB008 & PB060)

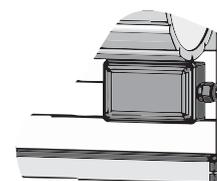


PB060

PBBKT1

PBBKT2

Safety Edge System • 8K2 Signal		Length
BMSE30K	Safety Edge Kit to Detect Obstructions on Closing	3.0m
BMSE45K	Safety Edge Kit to Detect Obstructions on Closing	4.5m
BMSE60K	Safety Edge Kit to Detect Obstructions on Closing	6.0m
BMSE75K	Safety Edge Kit to Detect Obstructions on Closing	7.5m
BMSE90K	Safety Edge Kit to Detect Obstructions on Closing	9.0m
RCR06	Retractable Cable Reel	



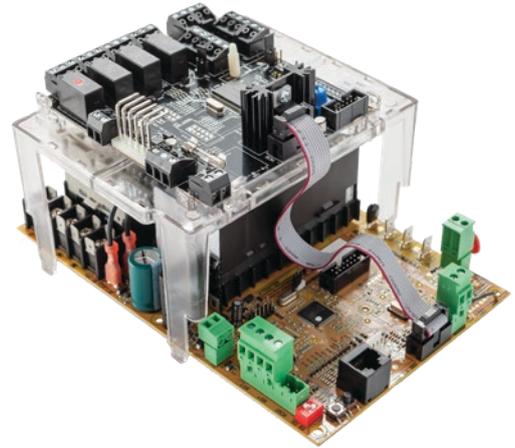
All non-monitored safety beams are compatible with E-Drive operators and operators with GLM6 logic controls. Please be careful when ordering as lengths supplied too short cannot be refunded.

E-DRIVE LOGIC CONTROLS

E-DRIVE EXPANSION BOARDS

Model	Description	For Use With
E-Drive Expansion Board		
EB1	EB with Mounting Cradle & E-Drive High Lid	E-Drive
EB1-G	EB with Mounting Cradle only	GLM6

All remote transmitters are compatible with E-Drive operators.
 Also compatible with mDrive and many other operators equipped with GLM6 logic only. See below for details.
 For expansion board for legacy GLM6L please contact customer service referencing EB1-GL.



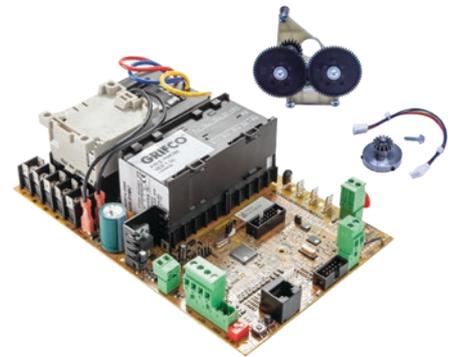
EB1
With Mounting Cradle and High Lid for E-Drive



EB1-G
With Mounting Cradle only for GLM6 and GLM6L

E-DRIVE CONVERSION KITS FOR LEGACY OPERATORS

Model	Description
M123ED6	E-Drive myQ conversion Kit for Mk1,2,3 (Includes APE)
M123EDN6	E-Drive myQ conversion Kit for Mk1,2,3 - No Neutral (Includes APE)
MCB6ED	E-Drive myQ conversion Kit for Mk4&5 - (No APE)
MCB6EDN	E-Drive myQ conversion Kit for Mk4&5 - No Neutral (No APE)



LOGIC CONTROLS FOR OPERATORS WITH MECHANICAL LIMITS

Model	Enclosure Material	Suits Operators
Mechanical Logic • Metal Enclosure • Lockable Enclosure • Integrated Key Switch		
GLM6	Metal	mDrive / Fire Shutter Operators
GLM6N	Metal	mDrive / Fire Shutter Operators (No Neutral)
Mechanical Logic • Plastic Enclosure		
GLM6L	Plastic	mDrive / Fire Shutter Operators
GLM6NL	Plastic	mDrive / Fire Shutter Operators (No Neutral)
GLM6H-153	Plastic	HD Operators max. 1.5Hp 3ph
GLM6NH-153	Plastic	HD Operators max. 1.5Hp 3ph (No Neutral)
GLM6H-203	Plastic	HD Operators max. 2.0Hp 3ph
GLM6NH-203	Plastic	HD Operators max. 2.0Hp 3ph (No Neutral)
GLM6H-102	Plastic	HD Operators max. 1.0Hp Single Phase
GLM6H-152	Plastic	HD Operators max. 1.5Hp Single Phase
GLM6H-202	Plastic	HD Operators max. 2.0Hp Single Phase
Mechanical Logic Kits • Plastic Enclosure • Monitored Safety Beams • 2 x E960G Transmitters		
GLM6L-GPS15RK	Plastic	mDrive / Fire Shutter Operators
GLM6L-GPS772RK	Plastic	mDrive / Fire Shutter Operators

Provides full E-Drive logic to mDrive, U-Drive, Fire Shutter and HD Operators as well as 3rd party operators with mechanical limits.
 Replacement key for key switch available.



GLM6



GLM6L/H



GLM6L-GPS15RK

WALL CONTROLS

E-DRIVE WALL CONTROLS

Model	Description	Enclosure Material
E-Drive Wall Control • Basic Operation		
C10A-4	Standard E-Drive Control	Plastic
C10AW-4	Standard E-Drive Control, Waterproof	Plastic
C30A	Standard E-Drive Control	Metal
C10A-8	Standard E-Drive myQ Control	Plastic
C10AW-8	Standard E-Drive myQ Control Waterproof	Plastic

C10A-8 is supplied standard with all E-Drive Operators.

E-Drive Wall Control • Key Switch Operation		
C21B	Includes Basic Key Isolator	Plastic
C41B	Includes Basic Key Isolator	Metal
C23B	Includes "Lock-it-Well" Key Isolator	Plastic
C43B	Includes "Lock-it-Well" Key Isolator	Metal
C21D-2	Includes Multi-Mode Key Isolator	Plastic
C41D-2	Includes Multi-Mode Key Isolator	Metal

"Lock-it-Well" Key Isolator features re-keyable cylinder.
Multi-Mode Key Isolator features Off, Auto, Auto/Manual Modes.



C10A-8



C30A

C21B

C41B

C23B

C43B

C21D-2

C41D-2

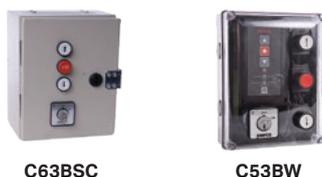
Model	Description
E-Drive Wall Control • Spare Parts	
SA-500-1-SALES	C10A-4 Control Lid Assembly Only
EB-P011-1	C10A-4 Control Base Only
R455	Replacement key for basic locks (C21B, C41B, C21D-2, C41D-2, GLM6)

CUSTOMER SPECIFIED E-DRIVE WALL CONTROLS

Model	Description	Enclosure Material
E-Drive Wall Control • Customer Specified		
C50EC	Woolworths Specification	Plastic
C63BSC	Target and K-Mart Specification	Metal
C53BW	Big W Specification	Plastic



C50EC



C63BSC

C53BW

WARNING SYSTEMS

LED TRAFFIC SIGNAL

Model	Description
Traffic Light	
TL24	2 Aspect LED Traffic Light 24V DC (red and green) IP55

Compatible with S-Drive Sectional Door Operators and E-Drive Operators (requires expansion board).



FLASHING LIGHTS

Model	Description
Flashing Light • IP65 • 24V	
GWS-L24R	Flashing Light LED 24V Red
GWS-L24Y	Flashing Light LED 24V Yellow
GWS-L24G	Flashing Light LED 24V Green
Flashing Light • IP65 • 240V	
GWS-L240R	Flashing Light LED 240V Red
GWS-L240Y	Flashing Light LED 240V Yellow
GWS-L240G	Flashing Light LED 240V Green



GWS-L240R



GWS-L24R

SOUNDERS

Model	Description
Sounder • IP65 • 24V	
GWS-S24	Sounder 24V 20dB Variation
Sounder • IP65 • 240V	
GWS-S240	Sounder 240V 20dB Variation



GWS-S240



GWS-S24

MOUNTING EQUIPMENT

E-DRIVE • MDRIVE TRANSMISSION KITS

Model	Description	Output Shaft Sprocket	Drive Chain	Hauling Chain
Transmission Kits for E-Drive • mDrive				
THK-10B	Transmission Kit with 10B Hardware	S1014	10B	8m
THK-12B	Transmission Kit with 12B Hardware	S1212	12B	8m



E-DRIVE • MDRIVE MOUNTING PLATE KITS

Model	Description	Output Shaft Sprocket	Drive Chain	Hauling Chain
Mounting Plate Kits for E-Drive • mDrive				
MPM01	Mounting Plate only for E-Drive / mDrive Operators	-	-	-
SK101	Mounting Plate, with S1014 Sprocket & 10B Chain	S1014	10B	-
SK1018	Mounting Plate, with S1014 Sprocket, 10B Chain & 8m Hauling Chain	S1014	10B	8m
SK121	Mounting Plate, with S1212 Sprocket & 12B Chain	S1212	12B	-
SK1218	Mounting Plate, with S1212 Sprocket, 12B Chain & 8m Hauling Chain	S1212	12B	8m
In-board Mounting Kit for E-Drive • mDrive				
IBMK	In-board Mounting Kit for E-Drive / mDrive Operators	-	-	-

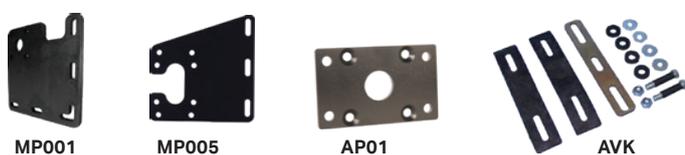


See matching bolt pack for mounting plates (part no. MBM03).
IBMK requires separate mounting plate kit.



OTHER MOUNTING PLATES

Model	Description	E-Drive mDrive	HD Operators	EHD Operators	Manual Hoists
Mounting Plates for all Door Operators					
MP001	Mounting Plate only for HD Operators 10mm	-	✓	-	-
MP003	Mounting Platform only for EHD Operators 10mm	-	-	✓	-
MP005	Mounting Plate only for Manual Hoists 8mm	-	-	-	✓
MP000	Universal Mounting Plate for E-Drive / mDrive / Manual Hoists 8mm	✓	-	-	✓
Mounting Adaptor Plates					
AP01	For mounting E-Drive / mDrive to legacy MD58 Operator plates	✓	-	-	-
AP02	For mounting legacy MD58 Operators to E-Drive / mDrive plates	-	-	-	-
Mounting Angle					
MA001	Wall Mounting Angle (8mm x 75mm x 300mm)	✓	✓	✓	✓
Anti-vibration Kit for E-Drive • mDrive • Sectional Door Operators					
AVK	Anti-Vibration Kit for E-Drive / mDrive Operators	✓	-	-	-



TRANSMISSION HARDWARE

SPROCKETS AND PLATEWHEELS

Model	Description	Teeth	Suits Chain	Bore Size	Key Size
Drive Sprockets					
S0828	08B 28T 31.75mm bore 8mm key	28T	08B	31.75mm	8mm
S1011	10B 11T 25mm bore 8mm key	11T	10B	25.00mm	8mm
S1014	14T 10B 31.75mm 8mm key	14T	10B	31.75mm	8mm
S1019	19T 10B 31.75mm 8mm key	19T	10B	31.75mm	8mm
S1028	28T 10B 31.75mm 8mm key	28T	10B	31.75mm	8mm
S1212	12T 12B 31.75mm 8mm key	12T	12B	31.75mm	8mm
S1215	15T 12B 31.75mm 8mm key	15T	12B	31.75mm	8mm
S1612-42	12T 16B 42mm bore 12x8mm key	12T	16B	42.00mm	8mm



S1212



PS200

Platewheels • Series II Plastic Drum Wheel

PS200	Series II Plastic Drum	43T	10B
PS200S	Series II Steel Drum	43T	10B

Platewheels • Standard Platewheels

P1038	38T 10B Platewheel	38T	10B
P1045	45T 10 Platewheel	45T	10B
P1057	57T 10B Platewheel	57T	10B
P1245	45T 12B Platewheel	45T	12B
P1257	57T 12B Platewheel	57T	12B



P1045

Easy Fit Sprocket

EFS43	43T 10B Easy Fit Sprocket	43T	10B
EFS57	57T 10B Easy Fit Sprocket	57T	10B



EFS43

DRIVE CHAIN AND HAND CHAIN

Model	Description
-------	-------------

Drive Chain • 1.5m Length

DC08B	08B Chain Length for Drive Connection (inc. Link)
DC10B	10B Chain Length for Drive Connection (inc. Link)
DC12B	12B Chain Length for Drive Connection (inc. Link)
DC16B	16B Chain Length for Drive Connection (inc. Link)

Drive Chain • 30m Spool

DC10B100	10B Chain Length 30m Spool
DC12B100	12B Chain Length 30m Spool

Drive Chain • Individual Links

CL08	08B Link
CL10.5	10B Half Link
CL10	10B Link
CL12	12B Link
CL16	16B Link

Hand Chain

HC5MM	Gal long link hand chain 5mm, not calibrated - per metre
HC5MM8	Gal long link hand chain 5mm, not calibrated - 8m length
HC500KG/G	Gal Hand Chain 500kg 5mm, long link, not calibrated
HC500KG/Z	Zinc Hand Chain 500kg 5mm, long link, not calibrated



DC10B



E-DRIVE CONTROL BOARDS



C10A Control Panel

Multiple functions at the wall control:

- Limit setting
- Power indicator
- Auto-close (10 sec increments)
- Fault diagnostics
- Door direction
- Remote learning
- External key switch options
- E-Stop for auxiliary emergency stop control

Access Control Devices

Toggle input for access devices such as card readers, loop detectors or the Grifco STAR1000EVO transmitter management system

Safety Cut-off Terminal

Screw terminal for safety cut-off input

Service Connection

Terminal for diagnostics & debugging of software (Grifco only)

Mechanically Interlocked Contactors

Safety device for motor protection

Dock Leveller Integration

Connect to a dock levelling device via relays 1 & 2

4 Relays for External Devices

Allow devices such as lights & sounders to behave in certain ways or connection to building management outputs

- Relay 1: Open Status
- Relay 2: Closed Status
- Relay 3: Door Moving Status
- Relay 4: Service Required (with DIP Switch configuration)

Coaxial Antenna Connection

Connection for antenna

External Receiver Cards

Connection for industry standard receiver cards

Connection to Wall Control

Connection to the low voltage C10A-4 wall control (supplied with E-Drive +2.0) or advanced wall controls

- ← APE Encoder
- ← Expansion Board

Learn Button

Dedicated learn button for myQ and up to 64 Security +2.0 transmitters

Reset Button

Reset safety beams when required

Inching & Latching

Dip switches offer selection between 'inching' & 'latching' door behaviour in both open & closed directions

Monitored Entrapment Protection Inputs

Inputs for 2 monitored safety beams and 1 safety edge

24V 150mA Power Supply

Unregulated constant power supply for peripherals such as sirens & lights

Power Connection

240V single phase or 415V three phase power connection

Secondary Safety Contactor

Isolates power when fault is found in primary contactor power connection

Door Activation Inputs

Wire in key switches, push buttons or card readers for open, stop or close

Extended Limit Option

Wired input to send door to 3rd limit position

DIP Switches

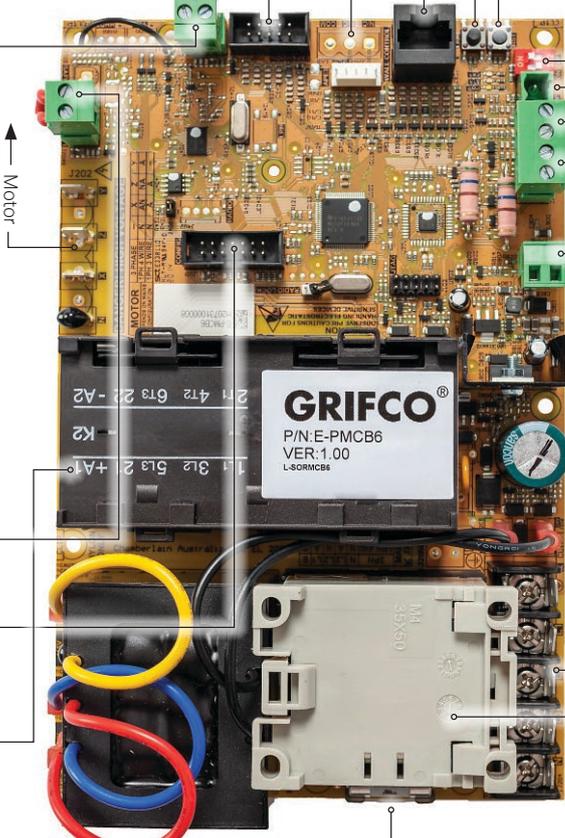
16 dip switches for door configuration behaviour

Auto-Close Fine Adjustment

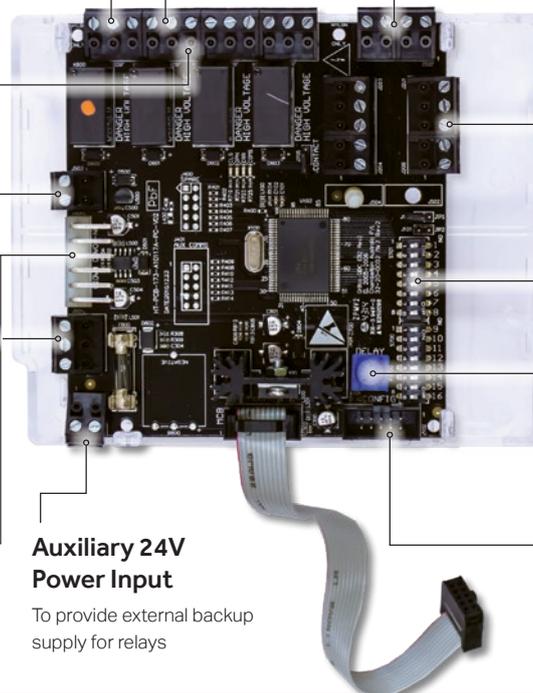
Infinite adjustment of auto-close time up to 5 mins

Service Connection

Terminal for diagnostics & debugging of software (Grifco only)



Replaceable Transformer Fuse



Auxiliary 24V Power Input

To provide external backup supply for relays

Chamberlain Terms and Conditions of Supply

- 1. Glossary** - The word "Chamberlain", where it appears in these terms and conditions can be substituted for any or all of Chamberlain Australia Pty Ltd and/or Chamberlain New Zealand Ltd.
- 2. Order** - Chamberlain may refuse to accept any order that does not meet its minimum requirements, from time to time, or otherwise in its complete discretion.
- 3. Payment**
 - 3.1** Payment will be made without deduction on or before the due date as agreed, upon acceptance of the application for credit or the twentieth day of the month following the date of invoice or delivery of the goods, whichever is the earlier.
 - 3.2** If full payment is not received by Chamberlain from the Customer by the due date, then the Customer will be in default under these terms and conditions and Chamberlain may exercise all of its rights and remedies available under these terms and conditions and at law.
 - 3.3** If the debt has not been settled by the due date, Chamberlain reserves the right to do any or all of the following:
 - (a)** Charge the Customer interest on amounts overdue at the rate of 2.5% per month, calculated and payable on a daily basis from the due date until the date of payment (inclusive of both dates).
 - (b)** Withhold the further supply of goods and services to the Customer.
 - (c)** Vary or withdraw any approved credit limits and/or terms of supply.
 - (d)** Terminate these terms and conditions.
 - (e)** Recover or resell its goods and have its employees or agents enter the Customer's premises, or any other premises on which the goods are stored, for that purpose. Chamberlain need not make any further payment or provide any other consideration to the Customer to have all necessary irrevocable authority from the Customer to resell the goods.
 - 3.4** The Customer will be responsible for the Customer's own legal costs and all expenses which may be incurred by Chamberlain as a result of the default, including Chamberlain's legal and debt collection agency costs and any other cost incurred in recovering amounts due or exercising any other rights and remedies against the Customer.
 - 3.5** At no time will the Customer be entitled to exercise any right of credit, set-off or counterclaim on amounts due to Chamberlain.
- 4. Price**
 - 4.1.** All goods are supplied at the prices ruling as of the delivery date and Chamberlain reserves the right to pass on to the Customer any change in price after the date of any quotation. Prices are subject to change without notice. Chamberlain's current price list is available from Chamberlain on request.
 - 4.2.** All prices are exclusive of goods and services tax and any other tax or levy that may be applicable under law. All taxes and levies that are applicable are payable by the Customer and are additional to the prices quoted by Chamberlain.
 - 4.3.** Chamberlain reserves the right to charge the Customer, at its discretion, freight charges to all country areas, states and capital cities.
- 5. Return of goods**
 - 5.1.** The Customer must notify Chamberlain in writing of any claimed errors or defects in the goods within seven days of receipt of the goods or the date of Chamberlain's invoice, whichever is the earlier. The Customer must cooperate and allow Chamberlain to undertake any investigation in relation to the claim or the goods.
 - 5.2.** Goods may only be returned with the consent of Chamberlain. All returned goods will require a goods return number allocated by Chamberlain before being accepted by the receiving warehouse.
 - 5.3.** Return of goods is at the Customer's cost and a handling fee of 20% of the price of the goods may be charged, at the discretion of Chamberlain, for all goods returned.
 - 5.4.** Returned goods must be in new condition and have original packaging.
- 6. Liability on claims**
 - 6.1.** To the fullest extent permitted by applicable law, Chamberlain's liability for breach of any term, condition or warranty, express or implied, or statutory or otherwise is limited to the replacement or repair of goods (or part) or payment of the cost of repairing or replacing the goods (or part), as Chamberlain chooses.
 - 6.2.** Other than as set out in clause 6.1, Chamberlain accepts no liability or responsibility and the Customer has no claim whatsoever against Chamberlain in any way, in connection with the goods, or with any conduct or omissions by Chamberlain, except pursuant to Chamberlain's express warranty in clause 9.
 - 6.3.** Chamberlain will not be liable for any consequential indirect or special loss of any kind or any loss caused by the Customer's servants, agents or any persons whatsoever.
 - 6.4.** A refund will be available in respect of standard off the shelf items provided the requirements of clause 5.1 are satisfied and the goods are returned within 21 days of delivery. A refund will not be available in respect of non standard or modified goods, unless authorised by Chamberlain.
- 7. Ownership**
 - 7.1.** Property in the goods remains with Chamberlain until all monies owed by the Customer to Chamberlain (whether under these terms or conditions or otherwise) has been paid in full or until property in the goods has passed to a third party in accordance with this clause 7.
 - 7.2.** Until the goods have been paid for in full, the following terms will apply:
 - (a)** When dealing with the goods, the Customer acts as principal as between the Customer and any third party and acts as agent as between the Customer and Chamberlain.
 - (b)** The Customer holds the goods in a fiduciary capacity as bailee for Chamberlain and must store the goods separately so that they are identifiable as Chamberlain's property and keep separate records for the goods.
 - (c)** If the goods are sold, the proceeds of the sale will be the property of Chamberlain and must be held by the Customer on a fiduciary basis in a separate bank account for the benefit of Chamberlain. Such proceeds will be payable to Chamberlain immediately without demand.
 - (d)** The Customer must maintain the goods in a good, undamaged and saleable condition.
 - (e)** Chamberlain may, at any time, pass title in the goods to the Customer by giving written notice to the Customer and the Customer may sell the goods provided that the sale is in the ordinary course of its business at arms length and at full market value and in accordance with these terms and conditions.
- 8. Risk** - Risk in any goods supplied to the Customer will pass to the Customer when Chamberlain parts with possession of the goods in accordance with these terms and conditions, whether or not ownership has passed to the Customer.
- 9. Warranty** - Goods are supplied under the warranty provided with the goods. The warranty is extended where necessary to comply with the applicable laws in the country where the goods are sold by Chamberlain to the Customer. Chamberlain will only supply warranty service to goods that have been paid for in full and if the Customer is not in breach of any of its obligations to Chamberlain under these terms and conditions or any other agreement. If Chamberlain attends a claim for warranty on site and the fault is found to be the result of a non warranty issue, Chamberlain reserves the right under these terms and conditions to charge the Customer Chamberlain's current rate for service calls as at the time of the service. The warranty will not apply in respect of defects which are attributable to accident, fair wear and tear or any action, omission or neglect of the Customer or its agents.
- 10. Information and Privacy Act** - For the purpose of facilitating the efficient running of Chamberlain's business, the Customer authorises Chamberlain to collect all information it may require from any third party and authorises those third parties to release that information to Chamberlain and to hold all information given by the Customer or any third party to Chamberlain. The Customer may request access to and correction of such information at any time.
- 11. Intellectual property**
 - 11.1.** All rights, title and interests in or to all trade marks, patents, inventions, discoveries (including serendipitous discoveries), copyright (including future copyright), designs, business and domain names, know-how, concept, idea, reputation, trade secrets, goodwill and any other intellectual, industrial or commercial property in or relating to the goods or any related advertising, promotional, distribution or sales information provided by Chamberlain under these terms and conditions are, and will remain, the property of Chamberlain. The Customer will have no right in such property and will not be permitted to use such rights without the prior written consent of Chamberlain.
 - 11.2.** The Customer may engage in internet selling of the goods with the prior written consent of Chamberlain, such consent may be given or withheld in Chamberlain's absolute discretion.
- 12. Delivery** - Chamberlain will make every effort to keep to delivery schedules, but will not be liable for any delivery delays whatsoever. All goods are supplied "ex works". Point of delivery will be to the Customer's premises unless otherwise agreed in writing.
- 13. Waiver and forbearance** - All of Chamberlain's rights will remain in full force despite any failure, delay or partial exercise in enforcement. Chamberlain will not be deemed to have waived any right unless that waiver is in writing and signed by a duly authorised officer of Chamberlain. Any waiver will apply only to that particular matter in respect of which it is given.
- 14. Assignment** - Chamberlain is entitled, at any time, to assign to any other person all or part of the debt owed by the Customer. The assignee will be entitled to claim full rights to set off or counter claim against the Customer, its charge holders or successors in respect of the debt or part of the debt which is assigned. The Customer is not entitled to assign or subcontract any of its rights or obligations under these terms and conditions without the prior written consent of Chamberlain.
- 15. Entire contract** - Chamberlain and the Customer agree that:
 - (a)** these terms and conditions express the complete agreement between them;
 - (b)** there has been no representation made by either party to the other except as expressly set out in these terms and conditions;
 - (c)** these terms and conditions override any inconsistent terms and conditions of the Customer; and
 - (d)** these terms and conditions are subject to change by written notice from Chamberlain to the Customer.
- 16. Termination**
 - 16.1.** These terms and conditions (including any unperformed obligations of Chamberlain) may be terminated by notice in writing from Chamberlain to the Customer in the event that the Customer:
 - (a)** is in breach under clause 3 or any other obligation owed to Chamberlain; or
 - (b)** becomes insolvent;
 - (c)** becomes subject to the appointment of an administrator, receiver, receiver and manager, liquidator, statutory manager or any other person carrying out an equivalent function;
 - (d)** commits an act of bankruptcy;
 - (e)** makes a scheme of arrangement with its creditors; or
 - (f)** has its membership to the Chamberlain Plus Dealer Program revoked by Chamberlain (if applicable).
 - 16.2.** On termination, no further goods and services will be supplied by Chamberlain to the Customer and the Customer must immediately:
 - (a)** pay Chamberlain any sums due to Chamberlain under these terms or conditions or any other agreement or order;
 - (b)** cease all use of, and return or destroy, Chamberlain's intellectual property, including any advertising or promotional materials; and
 - (c)** provide details to Chamberlain of any unfulfilled orders or enquiries received by the Customer in respect of the goods.
- 17. Cancellation** - Following Chamberlain's acceptance of an order, no purported cancellation of any order by the Customer will be effective unless and until accepted by Chamberlain in writing.
- 18. Errors and omissions** - Chamberlain reserves the right to correct any clerical errors or omissions in any quotation at any time, including but not limited to any errors in computation in any quotation, whether or not the correction results in an increase or decrease in the price or any other change to the quotation or any order placed on the basis of the quotation.
- 19. Governing law and jurisdiction** - The governing law is New South Wales, Australia and the parties irrevocably and unconditionally submit to the non-exclusive jurisdiction of the courts exercising jurisdiction in New South Wales, Australia and any courts which have jurisdiction to hear appeals from any of those courts and waives any right to object to any proceedings being brought in those courts.

Chamberlain 24 Month Limited Warranty Commercial Door Operators

Chamberlain Australia Pty Limited / Chamberlain New Zealand Limited (Chamberlain) is committed to manufacturing and supplying high quality goods. As part of this commitment, we seek to provide reliable service and support for our goods and are pleased to provide you, the original purchaser, with this Chamberlain Limited Warranty.

We also provide the following statement as required by the Australian Consumer Law. In Australia, in addition to your rights under this Chamberlain Limited Warranty, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Chamberlain's warranty

Chamberlain warrants to the original purchaser of the Grifco product (Unit) that:

- 1 The Commercial Door Operator found in this book is free from defects in materials and workmanship for a period of 24 months from the date of purchase or, when a particular operator states a cycle-count warranty, that cycle-count is reached (whichever comes first).
- 2 Genuine accessories are free from defects in materials and workmanship for a period of 12 months from the date of purchase.
- 3 Genuine spare parts are free from defects in materials and workmanship for a period of 6 months from the date of purchase.

During the applicable Chamberlain Warranty period, if you are concerned that the Unit may be defective, call our service centre on the toll free number below before removing the Unit and a Chamberlain technician will diagnose the problem. Once the problem has been diagnosed, subject to your rights under the Australian Consumer Law with respect to major failures, Chamberlain will provide you with:

- 1 parts for repair by a qualified or authorised repairer; or
- 2 shipping instructions for a factory repair or replacement.

If a factory repair or replacement is required, provided the defective part or Unit is returned to Chamberlain well-packaged and in accordance with Chamberlain's shipping instructions, Chamberlain will, subject to your rights under the Australian Consumer Law with respect to major failures:

- 1 in relation to the Unit (excluding the electric motor), repair or, at its option where permissible, replace any defective part or Unit (excluding the electric motor) and return it to you at no cost; and
- 2 in relation to the electric motor, replace the electric motor and return it to you at no cost.

Where the Unit has been installed by an authorised installer, you must call them for prompt on-site service. Chamberlain will furnish replacement parts free of charge through the authorised installer. A service fee for on-site service may apply.

Repairs and replacement parts provided under this Chamberlain Limited Warranty are provided free of charge and are warranted for the remaining portion of the original warranty period.

This Chamberlain Limited Warranty provides benefits which are in addition to your other rights and remedies as a consumer.

Exclusions

If our service centre determines that a warranty claim has been made in respect of a failure or defect arising under or out of any exclusion detailed below such that the claim is not covered under this Chamberlain Limited Warranty, we may, subject to your other rights and remedies as a consumer, charge you a fee to repair, replace and/or return the Unit to you.

This Chamberlain Limited Warranty does not cover any failure of, or defect in, the Unit due to:

- 1 non-compliance with the instructions regarding installation, operation, maintenance and testing of the Unit or of any product with which the Unit is used;
- 2 any attempt by a person other than an authorised installer to change settings, repair, dismantle, reinstall or move the Unit to another location once it has been installed;
- 3 tampering, neglect, abuse, wear and tear, accident, electrical storm, excessive use or conditions other than normal commercial use;
- 4 use of the Unit in conjunction with controls which have not been supplied, or pre-approved, by Chamberlain;
- 5 problems with, or relating to, the commercial door or commercial door hardware, including but not limited to the door springs, door rollers, door alignment, hinges, guides, slats and drums; or
- 6 problems caused by electrical faults.

If this Chamberlain Limited Warranty does not apply, you may have rights available to you under the Australian Consumer Law.

Liability - Australia only

Except as set out in the Australian Consumer Law (being Schedule 2 of the Competition and Consumer Act 2010) (as amended, consolidated or replaced):

- 1 all other guarantees, warranties and representations in relation to the Unit or its supply are excluded to the extent that Chamberlain can lawfully exclude them; and
- 2 under no circumstances will Chamberlain be liable for consequential, incidental or special damages arising in connection with the use, or inability to use, the Unit, other than those which were reasonably foreseeable as liable to result from the failure.

Liability - New Zealand only

Except as set out in the Fair Trading Act 1986 and the Consumer Guarantees Act 1993 (as amended, consolidated or replaced):

- 1 all other guarantees, warranties and representations in relation to the Unit or its supply are excluded to the extent that Chamberlain can lawfully exclude them; and
- 2 under no circumstances will Chamberlain be liable for consequential, incidental or special damages arising in connection with the use, or inability to use, the Unit, other than those which were reasonably foreseeable as liable to result from the failure.

Note

We request that you retain your sales docket or invoice as proof-of-purchase and attach it to this manual to enable you to establish the date of purchase in the unlikely event of a warranty service being required. Chamberlain reserves the right to change the design and specifications of the Unit without prior notification. Some features or accessories of the Unit may not be available in certain markets or areas. Please check with your distributor.

CHAMBERLAIN SERVICE CENTRE CONTACT DETAILS

Australia Phone toll free 1800 474 326
Fax toll free 1800 888 121
Unit 1, 75 Epping Road
North Ryde, NSW 2113

New Zealand Phone toll free 0800 653 667
Auckland phone 09 477 2823
Fax toll free 0800 653 663

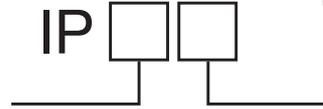
Email customerservice@chamberlainnz.com
Website www.grifco.com.au

Email chamberlainnz@chamberlainnz.com
Website www.grifco.co.nz

IP RATING CHART

ENCLOSURE PROTECTION FOR ELECTRICAL EQUIPMENT

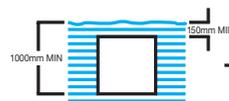
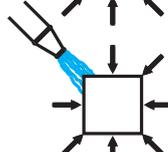
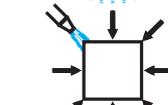
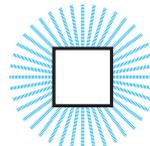
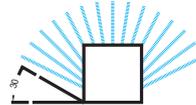
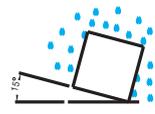
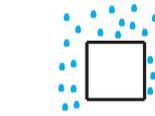
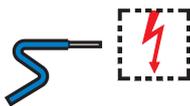
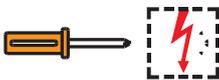
The **FIRST NUMERAL** indicates protection of persons against access to hazardous parts, and protection of equipment against ingress of solid foreign objects.
(see AS 1939, Clause 5)



The **SECOND NUMERAL** indicates protection of equipment against harmful ingress of water.
(see AS 1939, Clause 6)

First Numeral	Description	Second Numeral	Description
X	Protection unspecified (untested)	X	Protection unspecified (untested)
0	Non-protected	0	Non-protected
1	Protection of the back of the hand against accidental access to hazardous parts, and protection of equipment against objects larger than 50mm.	1	Protection against drops of water falling vertically.
2	Protection of fingers against access to hazardous parts, and protection of equipment against objects larger than 12.5mm.	2	Protection against drops of water falling vertically when the object is tilted up to 15° from its normal position (in any direction).
3	Protection of persons holding tools or wires (larger than 2.5mm diameter), and protection of equipment against objects larger than 2.5mm (e.g. ball bearings)	3	Protection against spraying water at up to 60° from the vertical.
4	Protection of persons holding small tools or wires (larger than 1mm diameter), and protection of equipment against objects larger than 1mm. (e.g. ball bearings)	4	Protection against splashing and spraying water from all practicable directions.
5	Protection against entry of dust in sufficient quantity to interfere with satisfactory operation of equipment.	5	Protection against low pressure jets of water from all practicable directions.
6	Complete protection against entry of dust.	6	Protection against heavy seas or a strong jet of water from all practicable directions.
		7	Protection against temporary immersion.
		8	Protection against continuous submersion (tests subject to agreement, but no less severe than second numeral 7).

The "flash" symbol indicates hazardous parts (live or moving)



PRODUCT & TECHNICAL INFORMATION

VISIT OUR WEBSITE FOR QUICK ACCESS TO:

- Installation manuals
- Specification sheets and text
- News and information
- Application information



www.grifco.com.au

www.grifco.co.nz

DOWNLOAD THE myQ APP

- Compatible with all myQ enabled operators
- Monitor and Control your doors

* myQ Gateway and Grifco Entrapment Protection System required.



APP AVAILABLE ON:

Download on the
App Store

GET IT ON
Google Play



📍 Control from anywhere

📅 Preset scheduling

🔔 Real-time notifications

🔗 Access control

CHAMBERLAIN AUSTRALIA PTY LTD

Sydney

Unit 1, 75 Epping Road
North Ryde NSW 2113
Ph: 1800 638 234

MANUFACTURING

Gosford

15 Dell Road, West Gosford NSW 2250
Ph: + 61 2 4323 3877
Fax: + 61 2 4323 3882
Technical Support: 1800 GRIFCO
Email Purchase Orders: grifco@chamberlainanz.com

CHAMBERLAIN BRANCHES

Melbourne

1 Dexter Dr, Epping VIC 3076

Brisbane

Unit 1/11, Morrison Close, Mansfield QLD 4122

Perth

54 Millrose Drive, Malaga WA 6090

CHAMBERLAIN NEW ZEALAND LIMITED

Auckland

17B Arrenway Drive, Rosedale 0632, Auckland
Ph: +64 9 477 2823

1800 GRIFCO | www.grifco.com.au

0800 653 667 | www.grifco.co.nz

GRIFCO[®]
POWERING COMMERCIAL DOORS