

# GRIFCO

## HDHWO Installation Instructions

### SUMMARY

<b>HAULING CHAIN RECOMMENDED</b>	5mm LONG LINK (HC5MM)
<b>MOUNTING PLATE</b>	SUITS MP000 & MPS20
<b>MOUNTING BOLTS</b>	4 x M10 x (length required)
<b>OUTPUT SHAFT</b>	31.75mm (1 ¼")
<b>REDUCTION</b>	4:1
<b>GEARING</b>	SPUR GEARS
<b>LUBRICATION</b>	LITHIUM EP2 GREASE
<b>HOUSING</b>	GFN
<b>OUTPUT BEARINGS</b>	ACETAL BUSHES
<b>INPUT BEARINGS</b>	6005 DEEP GROOVE
<b>WEIGHT</b>	APPROX 8kg

#### To Install:

- Attach the HDHWO to the mounting plate or door flag using M10 washers and nuts onto the mounting bolts. Keep the nuts loose so that the unit can be moved up and down via the mounting slots
- Fit the drive sprocket to the output shaft. It must be secured by the key and grub screws
- Fit the drive chain between the drive sprocket and door sprocket/drumwheel
- Adjust the HDHWO position via the slots so that the chain runs freely when the chainwheel is turned. Ensure the chain isn't slack enough to jump teeth
- Fit a sufficient length of 5mm long link handchain to the chainwheel to allow easy operation at ground level (about waist height). Do this by passing the chain through the bottom of the chainguide on one side of the chainwheel, around the chainwheel and through the other side of the chainguide. Join the open ends of the chain

## CHAMBERLAIN 24 MONTH LIMITED WARRANTY

(Excluding electric motors)

Chamberlain Australia Pty Limited / Chamberlain New Zealand Limited (**Seller**) warrants to the original purchaser of the Grifco™ product (**Unit**) that it is free from defects in material and/or workmanship for a period of 24 months from the date of first purchase from the Seller.

If, during the limited warranty period, the Unit fails due to defects in materials or workmanship Chamberlain will, provided the defective part or Unit is returned freight and insurance prepaid and well packaged to the nearest Chamberlain office, undertake to repair or, at its option, replace any defective part or Unit and return it to the Buyer at no cost. Repairs and replacement parts are warranted for the remaining portion of the original warranty period.

### **Limited warranty on electric motors - 12 months**

In keeping with the manufacturer's warranty, Chamberlain offer a 12 month warranty on all electric motors from the date of purchase. We will furnish a replacement motor free of charge, if it is found to be defective. Labour costs may apply.

Where the Unit has been installed by an authorised installer, Chamberlain will furnish replacement parts free of charge through the authorised installer. Warranty is based on the electric motor/operator being used in conjunction with controls supplied (or other controls authorised in writing prior to installation) by Chamberlain.

### **In-warranty service**

During the warranty period, if the product appears as though it may be defective, call our technical department before removal of the unit. A Chamberlain technician will diagnose the problem and promptly supply you with the parts for "do-it-yourself" repairs, or provide you with shipping instructions for a factory repair or replacement.

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 set out below, we may charge you a fee to repair and/or return the unit to you.

### **Exclusions**

This warranty does not cover any failure of 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 to repair, dismantle, reinstall or move the Product to another location once the Product is installed by any person other than an authorised installer.
3. tampering, neglect, abuse, wear and tear, accident, electrical storm (force majeure), excessive use or conditions other than normal commercial use.

This warranty does not cover any problems with, or relating to, the commercial door or door hardware, including but not limited to the door slats, door springs, door drum, door alignment or hinges, any problems caused by electrical faults or labour charges for reinstalling a repaired or replaced Unit.

### **Liability – Australia only**

Under no circumstances shall the Seller be liable for consequential, incidental or special damages arising in connection with the use, or inability to use, the Unit. In no event shall the Seller's liability for damages or injury arising from breach of law or contract or for negligence, exceed the cost of repairing or replacing the Unit or refunding the purchase price of the Unit.

Under Division 2 Part V of the *Trade Practices Act, 1974*, certain warranties and conditions (**Implied Terms**) are implied into contracts for the supply of goods or services if the goods or services are of a kind ordinarily acquired for personal, domestic or household use or consumption. Liability for breach of those Implied Terms cannot be excluded or limited and the limitations and exclusions above do not apply to the Implied Terms.

Except for the Implied Terms and the warranties set out above, the Seller excludes all warranties and conditions implied by statute, at law, in fact or otherwise.

### **Liability – New Zealand only**

Except as set out in the *Fair Trading Act 1986* and the *Consumer Guarantees Act 1993*:

- a) all other guarantees, warranties and representations in relation to the Unit or its supply are excluded to the extent that the Seller can lawfully exclude them; and
- b) under no circumstances shall the Seller 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.

Chamberlain reserves the right to change the design and specification without prior notification. Some features or accessories may not be available in certain markets or areas.