



PROVEN RELIABILITY

It is not uncommon to come across a *Grifco Door Operator* that has been in operation for over *40* years.

Operators similar to the one pictured are well known for *outlasting* the building in which they are mounted.



The Future of Industrial Door Automation has Arrived

Grifco Maestro Operators

Distributed By:



Maestro Door Operators

The Grifco Maestro and Maestro Elite industrial door operators set a new standard in industrial door automation with sophisticated digital electronics combined with user friendly operation and state of the art mechanics.

New Revolution

The Maestro operator comes standard with features such as; onboard pre-wired controls, call for service status indicator, 3rd limit positioning, variable overload, "creep control" (ie self correcting door positioning every cycle), automatic chain engage mechanism, remote interfacing, low voltage "plug in" controller & multiple selectable operation modes.

Quality

The Maestro operator is manufactured under improved quality controlled conditions; all machined components are closely monitored & assessed prior to the assembly stage. The Maestro features a revolutionary control board that is designed to withstand arduous industrial environments. Heat & loss of efficiency have been addressed with the Maestro's housing featuring cooling fins to extract heat away from the operator.



Quick remote upgrade



All operators feature quick remote upgrade

Overload

Digital current feedback allows the Maestro to shut down within seconds of a load becoming excessive. Depending on the severity & frequency, the Maestro will either automatically reset or require a manual resetting process.

Limit Switch

Grifco has developed the latest technology in limit switching to update and improve the performance over mechanical limits. Accuracy, reliability, access & position setting were all factors considered in design. Close attention was directed to the accuracy in the limit setting to ensure that bulk heads and false ceilings are not damaged by possible "over run" caused by mechanical limits. The Grifco Maestro (Pat. Pend.) limit switch constantly monitors the doors stopping position and makes minor corrections accordingly. A 3rd limit setting has been included as standard and can be set at anytime if required.

Motor

Grifco electric motors are manufactured from quality materials & components and our most common service door operator now features cooling fins for greater heat dissipation. Grifco offers the full range of single phase & three phase motors designed to suit your needs.

Status Outputs

The Maestro operator provides outputs to inform the user of the various conditions that can be detected during operation (eg overload, service cycles etc). Notice is given to the user via a status LED on the Controller panel.

Flexibility

All Grifco operators are manufactured in left & right hand (flag) mounting configuration not restricting the installation to only one side of the door. The standard Maestro model operator also allows for immediate installation of a remote control system (hand held transmitter) for convenience. The Maestro also allows for interchangeable Controller upgrades (without wiring).

Electrical Installation

The Maestro operator simply requires the services of a qualified electrician to connect power into the main control board. The balance of the installation can be performed by non electrically qualified persons. Reversing polarity (up & down) & setting limit switches can all be done from the panel on the low voltage Controller by anyone following instructions. Single phase units are all "plug in".



Maestro Elite

The Maestro Elite is the upgraded version of the Grifco Maestro series. The Elite model is the addition of an expansion board to enhance the operator capabilities & features full remote capabilities and multiple (more than 100) operation modes. This upgrade is usually fitted to higher cycle operators and is available in kit form to be retrofitted to any Maestro operator.

Expansion Board

The expansion board provides multiple operation modes to allow you to customise the doors operation to suit your requirements. The expansion board also allows for the addition of photo electric beams, safety bump strips, traffic lights, warning sounders, access control systems, LED outputs, loop detectors and much more.

In retrofit situations the expansion board comes complete with cradle & modified enclosure lid to enable simple & fast fitting to the Maestro main control board.

