

powermaster

MGJ

Medium Duty Gear Reduced Jackshaft Operator for Use on Rolling Service Doors, Rolling Grilles and Counter Shutters.

Standard Features:

- Worm Gear Reduction
- Solid State Circuitry with Power and Program Feedback LEDs
- On-board Open/Close/Stop buttons for Service and Adjustments
- Field-adjustable, built-in functions
- Floor level disconnect
- Low profile, compact unit
- Auto-detect, monitored photo beam for simplified installation



Complete selection of control stations & accessories are available.

All door operators are required to have a monitored safety system, such as monitored photo eyes and/or monitored 2 or 4 wire obstruction sensing edge. In addition, an ancillary device may be used. The primary device must be a constantly monitored, anti entrapment/safety device.

www.VEpower.net

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MGJ

Specifications & Features

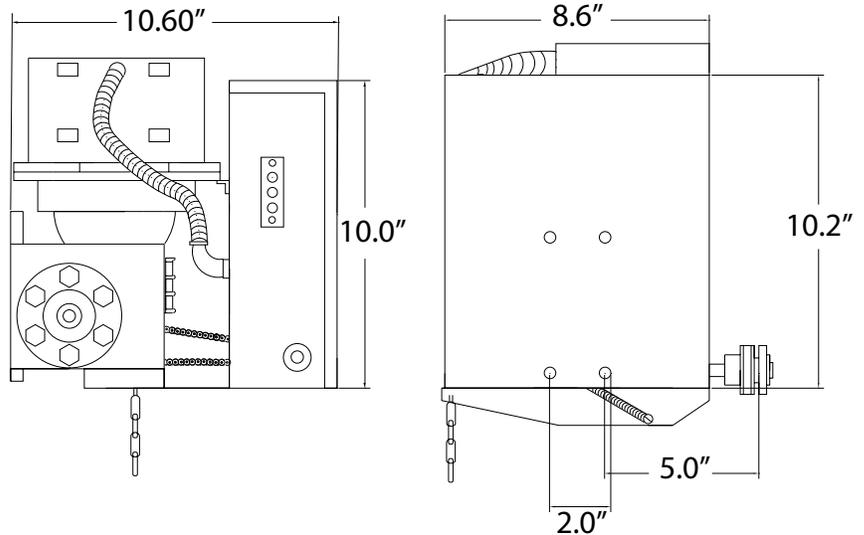
TECHNICAL SPECIFICATIONS

Motor: 1/2 HP, 24VDC

Power Input: 115 VAC

Solid State Circuitry

Operator Weight: Approx. 90 lbs



PowerMaster model MGJ Medium Duty Gear reduced jackshaft type operator is rated 1/2 HP, 115 VOLTS, 1 PHASE, for use on Rolling Service Doors, Rolling Grilles, and counter shutters that will be operated up to 10 cycles per hour.

Primary speed reduction is by means of an industrial gear box with bronze worm gear in oil bath.

Motor is permanent split capacitor (PSC), protected from overload by a current sensing and thermal overload device. All components of the control system are UL recognized. Controlled by a solid state control board with instant reverse wiring. Transformer included to reduce control voltage to 24VAC. Positive chain driven,

rotary type limit switches are provided to limit full open and close travel of door. Limit switch adjustment is unaffected by removal of motor or manual operation of door. Terminal strips are provided for connection of power supply line and all control devices. Operator is wired for connection of a push button station, radio control, and obstruction sensing devices without additional modifications. Electrical components are installed in a NEMA 1 enclosure integral to the operator. A floor level disconnect is provided for manual operation of the door. Final drive chain is #41 roller chain.

Operator is available in right-hand or left-hand mountings, in either vertical or horizontal position.

CAUTION

A moving door can cause serious injury or death!

Carefully read and follow all safety instructions, precautions, and guidelines when installing and using this product.

Motorized doors are for vehicles only. Pedestrians must use a separate entrance. **NO ONE SHOULD CROSS THE PATH OF A MOVING DOOR!**

Proper reversing devices must be installed to avoid all hazards and entrapment. Eliminate all hazards and entrapment areas.

Warning signs must be permanently installed and visible to traffic and pedestrians.

Never allow children to operate or play with controls.

Follow UL 325 and ASTM F220-02 standards.

Do not install this product unless all hazards and entrapment points are protected.

