

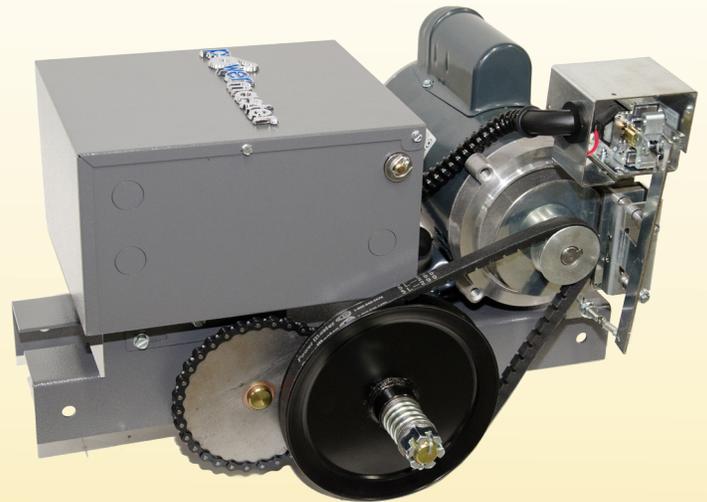
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## Door Operator for Standard Lift Sectional Doors

### Standard Features:

- Heavy Duty V-Belt and Chain Reduction, Mechanically Self Locking
- Drawbar Disconnect for Manual Operation
- High Starting Torque Motor with Full Overload Protection
- Solid State Circuitry with Feedback LEDs
- On Board Open/Close/Stop Buttons for Service and Adjustments
- Field Adjustable Built-in Functions
- 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](http://www.VEpower.net)

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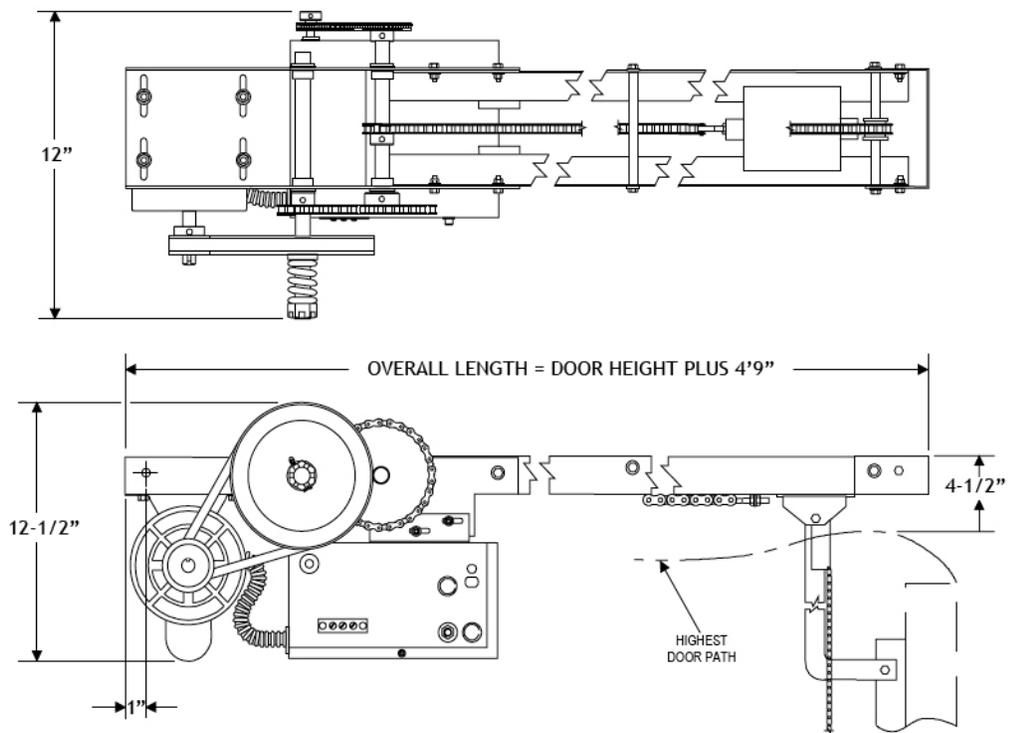
## Architectural Specs

PowerMaster Model T Drawbar Operator for use on Standard Lift Sectional Doors. Primary reduction is by heavy duty V-Belt Drive. Secondary reduction is a chain and sprocket arrangement. Motor is continuous duty industrial type protected from overload by a current sensing or thermal type overload device.

Motor is high starting torque, continuous duty industrial type, protected from overload by a current sensing or thermal type overload device. Motor controller is heavy duty, full voltage, across the line, magnetic reversing contactor that is mechanically and electrically interlocked. Electrical components installed in a NEMA 1 enclosure integral to the operator. A transformer is provided to reduce control voltage to 24 VAC. Separate terminal strips provided for connection of power supply line and all control devices. Operator is wired for an open/close/stop control station. Control circuit provides instant

reverse motor wiring on single phase operators. Positive chain driven, rotary type limit switches are provided to limit full open and close travel of door. Limit switch adjustment is not affected by removal of motor or by manual operation of door.

An adjustable torque limiting clutch is provided to prevent overloading of the operator. A spring set solenoid released brake is supplied on 3/4hp and 1hp units. A disconnect arm for manual operation of the door is provided in case of power failure. The final reduction and drive is heavy duty roller chain and sprockets. The drive shaft is supported by oilite bearings and is a minimum of 3/4" in diameter.



## 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.

