



# Model "CJ"

## Carwash Jackshaft




PowerMaster Model "CJ" operators are designed for Carwash type applications on Sectional Doors with High Lift or Vertical Lift and Rolling Service Doors and Grilles.

**STANDARD 2 YEAR WARRANTY.**




**Architectural Specifications:**

Supply PowerMaster model "CJ" industrial duty hoist type operator for Carwash type applications on Sectional Doors with High Lift or Vertical Lift and Rolling Service Doors and Grilles.



**Access Alliance  
Photo Beams**

Economical  
Protect Openings Up to 18' Wide  
Auto-Detected & Monitored by  
PowerMaster Solid State Circuit



Primary reduction shall be by heavy duty V-Belt Drive. Secondary reduction shall be a chain and sprocket arrangement. Reduction stages shall be arranged so that mechanism is self locking when torque is applied at output shaft. All reduction shafts shall be a minimum of 1" in diameter, supported by bronze oilite bearings. Operator shall provide an adjustable torque limiting clutch.

**PowerMaster  
Modular Receiver**

Easy Installation –  
Plugs into Control Board  
Standard Three Channel - Open/Close/Stop  
Single Button Control Available  
FC Antenna

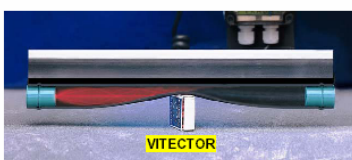
Complete Selection of Commercial Transmitters Available



Motor shall be of the high starting torque, totally enclosed fan cooled continuous duty industrial type, protected from overload by a current sensing or thermal type overload device. Motor controller shall be a heavy duty, full voltage, across the line, magnetic reversing contactor, that is mechanically and electrically interlocked. Electrical components shall be installed in a NEMA 4 enclosure integral to the operator. A transformer shall be provided to reduce control voltage to 24 VAC. Separate terminal strips shall be provided for connection of power supply line and all control devices. Operator shall be wired for an open/close/stop control station. Control circuit shall provide instant reverse motor wiring on 1Ø operators. Positive chain driven, rotary type limit switches shall be provided to limit full open and close travel of door. Limit switch adjustment shall not be affected by removal of motor or by manual operation of door. A floor level disconnect with electrical interlock switch shall be provided to disable control circuit for emergency operation of door. Final drive chain shall be a corrosion resistant #50 roller chain. Operator shall be capable of right or left hand mounting in either a vertical or horizontal position.

**OSE  
OPTICAL SENSING EDGE**

Auto-Detected & Monitored by PowerMaster Solid State Circuit Functions when astragal is bent or has slight damage  
Sized to Door in the field  
Quick Installation  
Infrared Technology



VITECTOR



**PowerMaster Garage Door Openers  
Proudly Assembled in the USA**

**Electrical Specifications:**

- High Starting Torque TEFC Motor with Full Overload Protection Removable without Affecting Limit Switch Setting
- Solid State Circuitry with Power and Program Feedback LED's
- On Board Open/Close/Stop buttons for service and adjustments
- Terminals labeled and grouped by function
- Auto-Detect monitored photo beam for simplified installation
- Selectable Operating modes B2, C2, D1, E2, T, TS
- Field adjustable built in functions including: timer to close, mid-stop, delay on reverse, lock bar sensing, maximum run time, etc.

**Mechanical Specifications:**

- For Use in Carwash Applications on Standard Lift Sectional Doors, Rolling Service Doors & Grilles
- Heavy Duty V-Belt and Chain Reduction, Mechanically Self Locking
- Heavy Duty #50Corrosion Resistant Roller Chain & drive sprocket Included
- Adjustable Torque Limiting Clutch
- Floor Level Disconnect & Electrical Interlock (For Manual Operation)
- Baked on Grev Powder Coat finish

