

**POWERHOIST™**  
OPTIMA

**POWERHOIST™**  
STANDARD

**POWERHOIST™**  
BASIC

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# POWERHOIST™

O P E R A T O R S

Rugged Raynor PowerHoist operators are available in a variety of motor, voltage and phase combinations for any commercial or industrial application.

## POWERHOIST™ OPTIMA

The most powerful operator Raynor offers, PowerHoist OPTIMA features a heavy-duty gear drive running in oil for the ultimate in reliability and efficient operation.

PowerHoist OPTIMA operators are designed for larger doors and higher cycle applications.

## POWERHOIST™ STANDARD

Designed for medium- to high-cycle applications, the belt-drive PowerHoist STANDARD operator is ideal for normal- to large-size sectional or rolling doors.

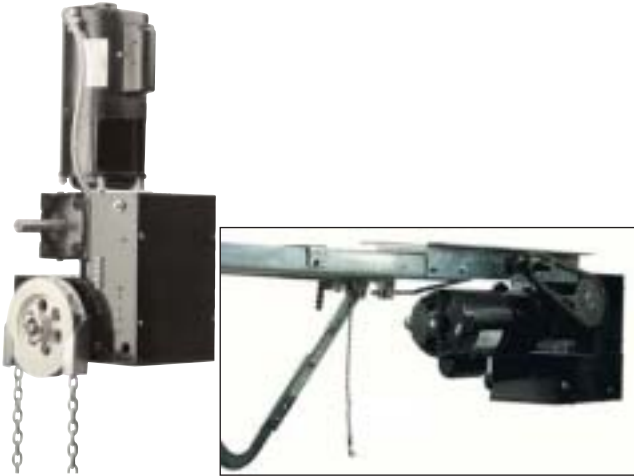
## POWERHOIST™ BASIC

Durable, reliable PowerHoist BASIC belt drive operators are ideal for operating sectional or rolling steel doors for applications up to 14 feet high.

Series MODEL	Operation Mode	Duty Cycle	Drive	Environmental Options (NEMA)	Motor	Logic	Power	Brake	Hand Chain (Jackshaft Only)	Warranty
PowerHoist OPTIMA	Jackshaft or Trolley	30/hr	Gear	1-Standard 4-Water 7-Explosion 9-Explosion 12-Dust	Continuous-Duty 1/2-2hp O.D.P.-Standard T.E.F.C.-Optional	Relay	115/230v, 1-Phase 230/460v, 3-Phase	Jackshaft-Standard Trolley-Standard	Standard	2-Year
PowerHoist STANDARD	Jackshaft or Trolley	30/hr	Belt	1-Standard 12-Dust 7-Explosion 9-Explosion	Continuous-Duty 1/3-3/4hp O.D.P.-Standard T.E.F.C.-Optional	Relay	115/230v, 1-Phase 230/460v, 3-Phase	Jackshaft-Standard Trolley-Optional*	Optional	2-Year
PowerHoist BASIC	Jackshaft or Trolley	12/hr	Belt	1-Standard	Intermittent-Duty 1/2hp	Relay	115v, 1-Phase	Jackshaft-Standard Trolley-Optional	Optional	2-Year

\* Standard on 3/4hp

## POWERHOIST™ OPTIMA

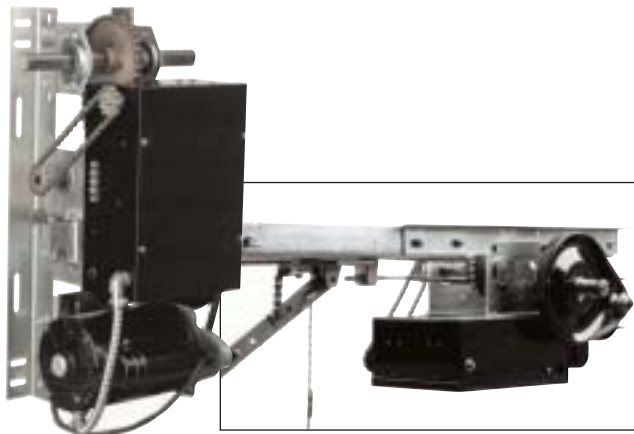


### SPECIFICATIONS

Operation Mode: Jackshaft or Trolley  
 Duty Cycle: 30/hr  
 Drive: Gear  
 NEMA Options: 1-Standard, 4-Water, 7-Explosion, 9-Explosion, 12-Dust  
 Motor: Continuous-Duty 1/2-2hp, O.D.P.-Standard, T.E.F.C.-Optional  
 Logic: Relay  
 Power: 115/230v, I-Phase, 230/460v, 3-Phase, International Available  
 Brake: Jackshaft-Standard, Trolley-Standard  
 Wiring Options: 3-Button Control-Standard,  
*Common Options with 3-Button Control:* Timer-to-Close\*, 1 second delay on opening & reversing\*,  
 Timer-to-Close with 1 second delay on opening & reversing\*, Constant Pressure to close without  
 provisions for reversing safety mechanisms, Constant Pressure to close with provisions for reversing  
 safety mechanisms.  
*Common Options with 2-Button Control:* Constant Pressure to close with provisions for reversing safety  
 mechanisms, Constant Pressure to close - releasing close button before door is closed with  
 automatically reverse to open.  
 Contact Raynor for custom wiring.  
 Warranty: 2-Year

\* can also use Single Button or Radio Control

## POWERHOIST™ STANDARD

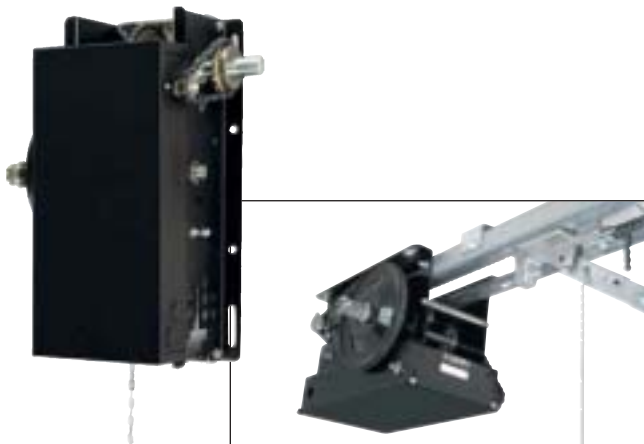


### SPECIFICATIONS

Operation Mode: Jackshaft or Trolley  
 Duty Cycle: 30/hr  
 Drive: Belt  
 NEMA Options: 1-Standard, 12-Dust, 7-Explosion, 9-Explosion  
 Motor: Continuous-Duty 1/3-3/4hp, O.D.P.-Standard, T.E.F.C.-Optional  
 Logic: Relay  
 Power: 115/230v, I-Phase, 230/460v, 3-Phase, International Available  
 Brake: Jackshaft-Standard, Trolley-Standard\*\*  
 Wiring Options: 3-Button Control-Standard\*,  
*Common Options with 3-Button Control:* Timer-to-Close\*, 1 second delay on opening & reversing\*,  
 Timer-to-Close with 1 second delay on opening & reversing\*, Constant Pressure to close without provi-  
 sions for reversing safety mechanisms, Constant Pressure to close with provisions for reversing safety  
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 cally reverse to open.  
 Contact Raynor for custom wiring.  
 Warranty: 2-Year

\* can also use Single Button or Radio Control  
 \*\* Standard on 3/4hp

## POWERHOIST™ BASIC



### SPECIFICATIONS

Operation Mode: Jackshaft or Trolley  
 Duty Cycle: 12/hr  
 Drive: Belt  
 NEMA Options: 1-Standard  
 Motor: Intermittent Duty-1/2hp  
 Logic: Relay  
 Power: 115v, I-Phase  
 Brake: Jackshaft-Standard, Trolley-Optional  
 Wiring Options: 3-Button Control-Standard  
 Warranty: 2-Year



**Control Stations\*:** Choose from a variety of control stations that meet various NEMA requirements. Many single, double and triple button stations are available, as well as key-locked, keyed switches or master controls. Examples shown below.

Keyed Switch  
NEMA 4



Master Control Station



Key-Locked  
NEMA 12



Explosion Proof  
NEMA 7 & 9



**Radio Transmitters\*:** 1-, 2-, 3- and 4-button transmitters provide convenient remote activation from vehicles.

**Universal**

Universal Receiver



3-Button Transmitter



Keyless Entry



**Linear**

Single Button Transmitter



Keyless Entry



**Activation Devices\*:** Choose a treadle hose, pull cord, loop detector, card reader or motion detector to activate your operator.

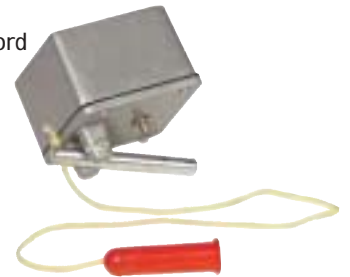
Loop Detector



Photo-Eyes Reflector



Pull-Cord



**Reversing Mechanisms\*:** For maximum protection against accidents, Raynor recommends installing a reversing device. Pneumatic or electrical reversing sensing edges reverses the door's downward travel if contact is made with an obstruction. Photoelectric reversing systems produce an invisible beam across the door opening that, if broken, stops or reverses the door's downward path. Reversing features are available in both monitored and un-monitored options.

Through-Beam



Through-Beam Car Wash



Pneumatic Edge



Electric Reversing Edge



\* Additional options available. Some options may be limited to door size or model. Contact your local Raynor Dealer regarding availability for your application.



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