

POWERHOIST™
OPTIMA

POWERHOIST™
STANDARD

POWERHOIST™
BASIC

VISIT US AT: WWW.RAYNOR.COM
CALL: 1-800-4-RAYNOR

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

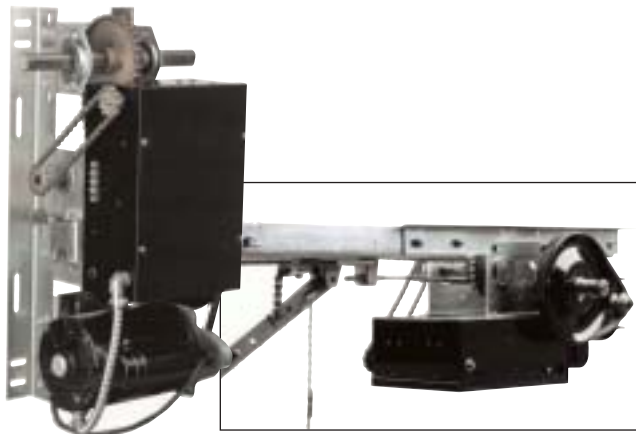


SPECIFICATIONS

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

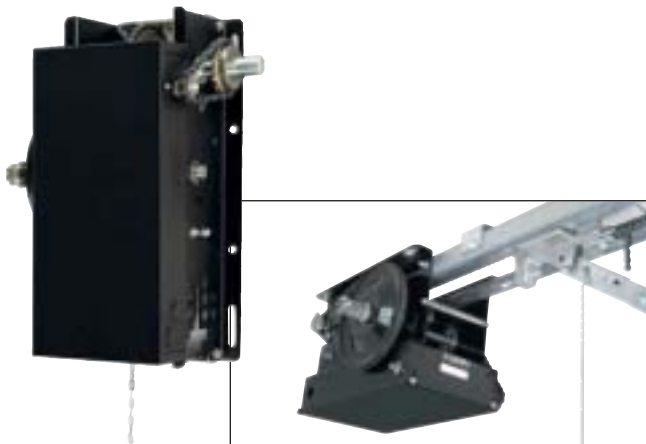


SPECIFICATIONS

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
 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 automati-
 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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