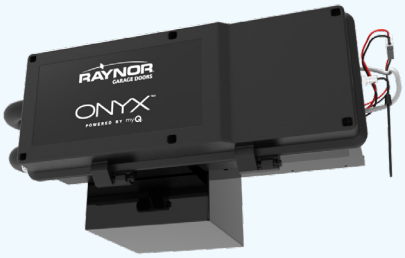
RAYNOR GARAGE DOORS

**ONYX (OXJ)**
JACKSHAFT
For Commercial Sectional & Rolling Doors

**ONYX (OXH)**
HOIST
For Commercial Sectional & Rolling Doors




**ONYX (OXT)**
TROLLEY
For Commercial Sectional Doors

## DC Commercial Operators

# ONYX™

POWERED BY myQ

ONYX DC operators represent the next generation of commercial door automation, designed for smart connectivity, enhanced security, and seamless performance. Featuring built-in WiFi for remote monitoring, battery backup for uninterrupted operation, and advanced security systems for added peace of mind, ONYX optimizes facility management with ease. Backed by a 5-year limited warranty and industry-leading support, expert guidance is available every step of the way.

# ONYX™ FEATURES & SPECIFICATIONS

## SMART

**CONNECTIVITY** via built-in WiFi enables real-time firmware updates and provides free access to myQ Facility for remote monitoring and diagnostics, optimizing operations.

**SOFT START/STOP** ensures quieter, smoother operation while reducing wear and tear and extending the lifespan of the overall door system.

**BATTERY BACKUP** keeps operations running even in a power outage. Battery backup is included with OXJ (without disconnect), and optional with OXJ (disconnect) OXH and OXT.

## SAFE

**SECURITY+ 2.0** technology sends a new, unique code with every remote click, ensuring secure communication and protecting against code hacking.

**THE PROTECTOR SYSTEM** automatically reverses the door if an obstruction is detected, protecting against potential harm or damage.

**TIMER TO CLOSE** allows the door to automatically close after a set time, providing added convenience and security.

## FAST

**FLOOR-LEVEL LCD DISPLAY** and myQ Facility provide instant access to diagnostics and tracking, enabling proactive maintenance, faster repairs, and reduced downtime to keep operations running efficiently.

**QUICK OPEN AND CLOSE** door speeds of up to 12" per second help maintain smooth operations and minimize delays.

## RELIABLE

**INDUSTRY LEADING SUPPORT**
Raynor's customer service and dedicated technical support team ensures seamless installation, reliable operation, and easy maintenance, providing expert assistance at every stage.

## ACCESSORIES

**INCLUDED**
- 3-Button LCD Wall Control Station • 6081143
- Safety Reversing Sensors • 6080559
- 4.5Ah Battery Backup Kit *(OXJ without disconnect)*

**OPTIONAL**
- Security+ 2.0 Remotes
- 7.0Ah Battery Backup Kit • 6081141
- Auxiliary Relay Board • 6081153
- Loop Detector • 6081156
- Red/Green Traffic Light • 6081159
- Monitored Light Curtains • LC36M

## SPECIFICATIONS

| ONYX JACKSHAFT | ONYX HOIST | ONYX TROLLEY |
|---|---|---|
| **MODEL NUMBER** | | |
| OXJ | OXH | OXT |
| **POWER** | | |
| 120VAC 1PH/240VAC 1&3PH<br>480VAC 3PH<br>208VAC 1&3PH (Via Transformer)<br>600VAC 3PH (Via Transformer) | 120VAC 1PH/240VAC 1&3PH<br>480VAC 3PH<br>208VAC 1&3PH (Via Transformer)<br>600VAC 3PH (Via Transformer) | 120VAC 1PH/240VAC 1&3PH<br>480VAC 3PH<br>208VAC 1&3PH (Via Transformer)<br>600VAC 3PH (Via Transformer) |
| **MAXIMUM DOOR SIZES** | | |
| 700 lbs (½ hp equiv.) | 700 lbs (½ hp equiv.)<br>1200 lbs (¾ hp equiv.)<br>2200 lbs (1½ hp equiv.) | 700 lbs (½ hp equiv.)<br>1200 lbs (¾ hp equiv.)<br>2200 lbs (1½ hp equiv.) |
| **DUTY CYCLE** | | |
| Standard: 20 cycles p/h - 90 p/d | Standard: 20 cycles p/h - 90 p/d<br>Extended: 30 cycles p/h - 150 p/d | Standard: 20 cycles p/h - 90 p/d<br>Extended: 30 cycles p/h - 150 p/d |
| **MOTOR & DRIVETRAIN** | | |
| 24VDC motor with 65:1 gearbox<br>#50 chain output | 24VDC motor with 65:1 gearbox<br>#50 chain output | 24VDC motor with 65:1 gearbox<br>#48 chain on 700 series<br>#41 chain on 1200 & 2200 series |
| **DOOR SPEED** | | |
| Up to 9-12" per second for sectional doors and up to 7-9" per second on rolling steel doors | | |
| **BRAKING** | | |
| Standard dynamic braking on 700, 1200, and 2200 series operators;<br>Physical solenoid powered-off brake on 2200 series operators | | |
| **UL® LISTED** | | |
| ONYX commercial door operators are listed to ANSI/CAN/UL325 standards for USA/Canada. | | |
| **WARRANTY**<br>**(See Warranty for Terms & Conditions)** | | |
| 5 Year Limited Warranty | 5 Year Limited Warranty | 5 Year Limited Warranty |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