

The Genuine. The Original.



## RMX<sup>®</sup> Commercial Operator

Features the power to do more, while offering value, convenience and ease of operation.

# RMX<sup>®</sup> Operator

## Medium duty commercial operator

Value, convenience and ease of operation.

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RMX<sup>®</sup> is designed for hassle-free operation with convenient features and technical innovations that bring medium duty to a higher standard.

### The UL 325 2010 compliant RMX<sup>®</sup> offers the power to do more with:

- **Easy limit setting** – enhances functionality, maximizes performance and easily establishes range of travel and stops by utilizing an optical limit system. Additionally, a mid-stop limit can be easily set
- **Intermittent duty AC motor** – rates at 15 cycles per hour
- **Independent timers** – automatic maximum run timer stops the door moving in either the open or close direction if preset run time is exceeded, allowing for inspection
- **Control System** – on-board open/close/stop buttons make testing simple
- **No adjustments needed with SuperBelt™** – automatically adjusts itself to the correct tension
- **Delay on reverse** – this feature provides less wear and tear on the door system
- **Auto-reverse system (trolley models only)** – instructs the operator to reverse a closing door and reverses it to the open position if the clutch slips
- **Cycle-counter** – built-in counter displays the total cycles logged over the operator's lifetime, to support warranty and service function



# RMX<sup>®</sup> Operator

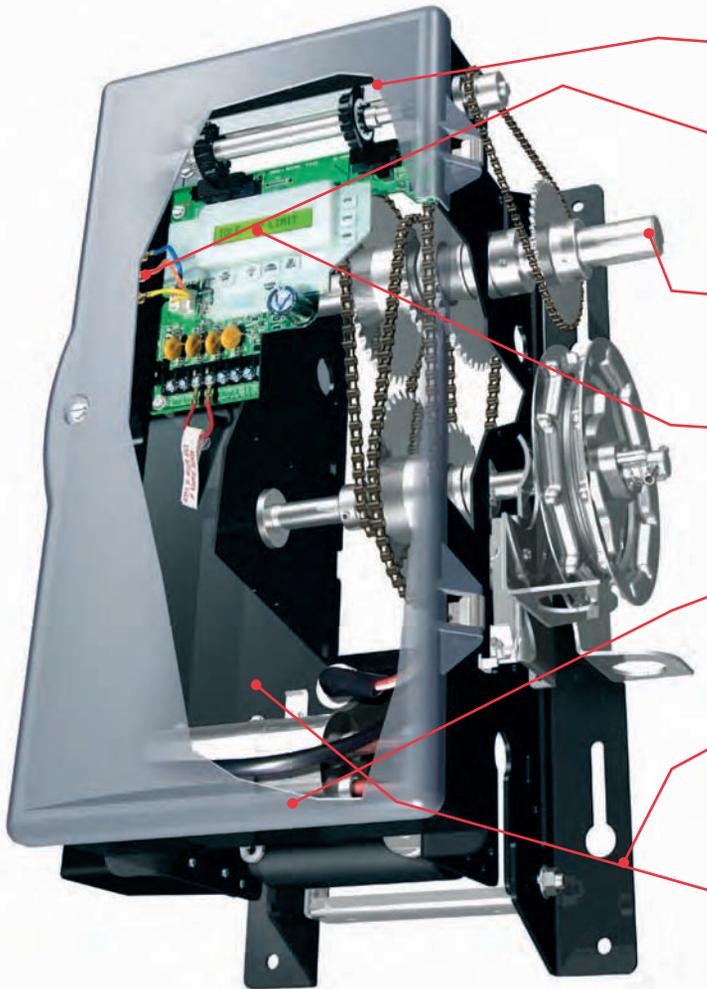
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### Optical limit system

Another first from Overhead Door

### Exterior radio hookups

for fast, simple RF connectivity to enable remote door operation

### Anti-corrosion protection shaft

ensures long life and durable performance of all high-wear operational components

### 16-character LCD display

provides easy-to-read set-up and diagnostics with backlight for low-light conditions

### Easy-to-remove cover

made of durable plastic, dismounts for easy installation and service

### Mounting feet preassembly

allows fast, easy installation by minimizing assembly steps and maximizing installation flexibility. Easy-access lock down holes designed for hassle-free mounting and tightening

### Automatic set-up boards with socket-lock protection

prevents accidental wiring errors through "plug and play" technology

# RMX® Advantages

## Mounting

A wide variety of mounting options are available to fit any application including:

**Sectional Doors:** Trolley for use on standard doors up to 14' high and 620 lbs

Jackshaft models available with and without hoist for use with rolling steel doors or grilles up to 16' high and 620 lbs

**Rolling Steel Doors:** Jackshaft models available with and without hoist for use with rolling steel doors or grilles up to 16' high and 580 lbs

## Motor

Single-phase voltages of 115 Volts AC and 230 Volts AC  
½ horsepower

## External Radio Hookups

External terminals are provided to allow an optional 3-wire radio system to be connected

## Drive Reduction

Primary reduction is SuperBelt™, an auto tension poly-V flex belt that does not require adjustment. Secondary reduction is by chain and sprocket

## Direct Coupling

Provides fast, easy installation with fewer parts and better structural support. Prevents chain slacking. Available on sectional side/center mount jackshaft and hoist units

## Mechanical Brake System

Solenoid actuated band brake

## Display

16-character LCD display provides easy to read set-up and diagnostics with backlight for low-light conditions

## Cycle Counter

Displays the total cycles logged over the operator's lifetime, to support warranty and service functions

## Adjustable Shaft

Output shaft can be moved from one side to the other, providing flexible installation options

## Control System

On-board control set-up enables easy installation through simple, intuitive user interface and menu-driven commands

On-board open/close/stop buttons make set-up and testing simple, saving time during installation

## Warranty

RMX® operator features a 2-year or 20,000 cycle limited warranty. See installation manual for complete limitations and details

## RMX® Rolling Steel Door Chart (Sq. Ft.)

Model	HP	UL Listed	Rolling Steel Doors										FireKing®		Rolling Fire Doors/Fire Shutters						Counter			Grilles								
			600		610		610/620			625					635		630/631/634						640/641			650 651 652			670		671	
			Coilaway®	24 GA.†	22 GA.	20 GA.	24 GA.	18 GA.	24 GA.	22 GA.	24 GA.	24 GA.	24 GA.	22 GA.	24 GA.	22 GA.	20 GA.	18 GA.	22 GA.	22 GA./Alum	Alum	Steel										
RMX®	1/2	YES	256*	235	203	177	135	125	106	90	75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	ALL*	350	210										

**Note:** Door chart represents maximum door height of 16 ft.

\* Operator must be wall mounted. Wall mount kit #111011.0001.S.

\*\*Must use the Auxiliary Input/Output Module part number OPABIOX.s for connection to the Fire Sentinel® releasing device.

† Max door size on 24 GA. 610 Series door is 15.4 ft. x 15.4 ft.

## RMX® Sectional Door Chart (Sq. Ft.)

Model Operator	HP	UL Listed	Door Series ->		Commercial Steel Insulated & Non-Insulated								Thermacore®						Aluminum		
			Mounting Type	Max. Door Weight (Lbs)	160	418	420	422	424	426	430	432	591	592	593	594	596	598	599	511	521
					16 GA. Flush Steel	16 GA. Flush Steel Insulated	20 GA. Ribbed Steel	20 GA. Ribbed Steel Insulated	24 GA. Ribbed Steel	24 GA. Ribbed Steel Insulated	Nominal 24 GA. Ribbed Steel	Nominal 24 GA. Ribbed Steel Insulated	Ribbed Steel 1-5/8"	Ribbed Steel 2"	Ribbed Steel 1-3/8"	Raised Steel 1-3/8"	20 GA. Flush Steel	Ribbed Steel 1"	Flush Steel 2"		
RMX®	1/2	YES	TS	620	160	124	250	174	275	200	294	278	262	262	262	292	200	200	262	200	230

**Note:** Trolley Door Speed: 11.5 in. per/sec.

**Note:** Total door weight, and not the square footage, is the critical factor in selecting the proper operator. Square footages are based on "square" doors. (Example = 16 ft. x 16 ft.)

**Note:** Door chart represents maximum door height of 14 ft.

**Note:** Doors that require special windloading and wide doors normally require increased strutting (reinforcement). Strutting doors can significantly increase door weight beyond maximum weights shown. Consult factory personnel in these situations.

## Optional Accessories

### Accessory

### Description

#### Radio Receiver

- External terminals allow the connection of an optional external 3-wire receiver

#### Expansion Modules



- Auxiliary Output Module** – this plug-in module will provide several auxiliary sets of dry contacts that are microprocessor controlled. Outputs can be configured using the on-board keypad

To maintain compliance when using a sensing edge as a primary safety device with our X-Series commercial operators labeled UL 325 2010, you *must* use one of the following modules:

- Timer to Close Module** – provides auxiliary control inputs, auxiliary safety inputs, auxiliary timer hold input, and an automatic door closing feature with a user-selectable time delay. Safety inputs can be enabled or disabled using the on board keypad. A sensing device must be used with this module.
- Monitored Edge Interface Module** – provides an interface between two-wire monitored sensing edges and our X-Series operators. This module allows for the connection of a two-wire monitored sensing edge to be connected to the ODC STB terminals. Compatible for use on Miller Edge electronic two-wire monitored edges models ME and MT.

#### Sensing Devices



- Safe-T-Beam®** – senses an obstruction and signals the operator to stop or reverse the door.
- Commercial Photo Eye Kit** – metal enclosure further protects Safe-T-Beam® photo eyes from damage
- Monitored Bottom Sensing Edge** – stops and reverses the door upon contact with an obstruction

#### Egress Lever

Rolling grilles and doors can be quickly released from the floor with the addition of an optional flush-mounted Egress Lever

## The service and support you need – when you need them

When you select an Overhead Door product, you get more than advanced product design and manufacturing superiority – you get unmatched support and fast response through our nationwide network of over 450 Ribbon® distributors. For over four generations, Ribbon® distributors have provided the industry's single-source solution for commercial and industrial door and operator systems specifically designed for integrated applications. From design and application consulting to installation and ongoing maintenance, Overhead Door Ribbon® distributors give you the service and support you need – when you need them.



**Warranty**

RMX® commercial operator is guaranteed with a 2-year or 20,000 cycle limited warranty. See complete warranty terms for full limitations and details.

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Complies with UL 325 2010  
as of manufactured date.  
FCC certified.

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