

T (LOGIC 5.0) TROLLEY OPERATOR

SECTION 08 71 13



KEY FEATURES

STANDARD APPLICATION

Recommended for standard-lift sectional overhead doors in standard duty-cycle commercial applications

RATED DUTY CYCLE

Standard-duty: Up to 25 cycles/hour and up to 90 cycles/day (using continuous-rated motor)

OPERATOR SPEED

11-12 Inches per second

LIMIT SETTINGS

Mechanical

EMERGENCY DISCONNECT FOR MANUAL OPERATION

Emergency release rope and handle

EMERGENCY DISCONNECT WITH AUTO-RECONNECT

Reconnects when tension is removed from emergency release rope

PROGRAMMING

Control function selector dial/tactile buttons

CIRCUIT BOARD

Solid-state Logic 5.0 circuit board

TIMER-TO-CLOSE

Programmable in 1 second and 15 second increments up to 68 minutes, standard

CLUTCH

Standard adjustable friction clutch

MID-STOP

Programmable

RUN TIME PROTECTION

Maximum run timer

MOTOR REVERSE ACTION PROTECTION

Delay-on-reverse circuit

MOTOR OPERATOR WALL CONTROL

3-Button Control Station with Maintenance Alert System (MAS)

TROLLEY TRACK

Dual L-rail trolley track

PUSH BUTTON STATION

3-Push button station (Open/Close/Stop)

SPECIFICATIONS

RADIO RECEIVER

LiftMaster® Security+ 2.0®

VOLTAGE CONNECTIONS

Single-phase: 115V/230V dual voltage; 3-phase: 208V/230V/460V dual voltage; 3-phase: 575V single voltage
5VDC NEC class 2

CONTROL CIRCUIT

DRIVE REDUCTION

Belt/chain & pulley; first-stage heavy-duty 5L V-belt; second #41 chain; #48 (for 1/3 and 1/2 HP) and #41 (for 3/4 and 1 HP) output chain on trolley

BEARINGS/BUSHINGS

Industrial ball bearings on output shaft; heavy-duty oil-filled bushings on reduction shafts

BRAKE

Standard on 3/4 and 1 HP operators: optional on 1/2 HP; not available on 1/3 HP

CONSTRUCTION

NEMA 1 type electrical box; heavy-duty 11-gauge steel frame with durable powder coat finish; all reduction sprockets drilled and pinned to shafts

TROLLEY ROLLER CHAIN

#48 on 1/3 and 1/2 HP; #41 on 3/4 and 1 HP

WARRANTY

2 years

INSTALLATION FEATURES

MAXIMUM DOOR HEIGHT

24 feet standard with additional capability*

MAXIMUM DOOR WIDTH

22 feet standard with additional capability*

MAXIMUM ALLOWABLE SQUARE FOOTAGE

640 square feet

INTERNET CONNECTIVITY

myQ® Technology enables remote monitoring and control of the commercial door via a smartphone, tablet, or computer**

This commercial door operator must feature constant pressure to close or be equipped with an external monitored entrapment protection device. Use only LiftMaster monitored entrapment protection devices itemized on the accessory page of the operators installation manual to meet UL 325 requirements.

* Contact us at Specs@LiftMaster.com for additional capabilities.

**LiftMaster Internet Gateway and myQ app required.

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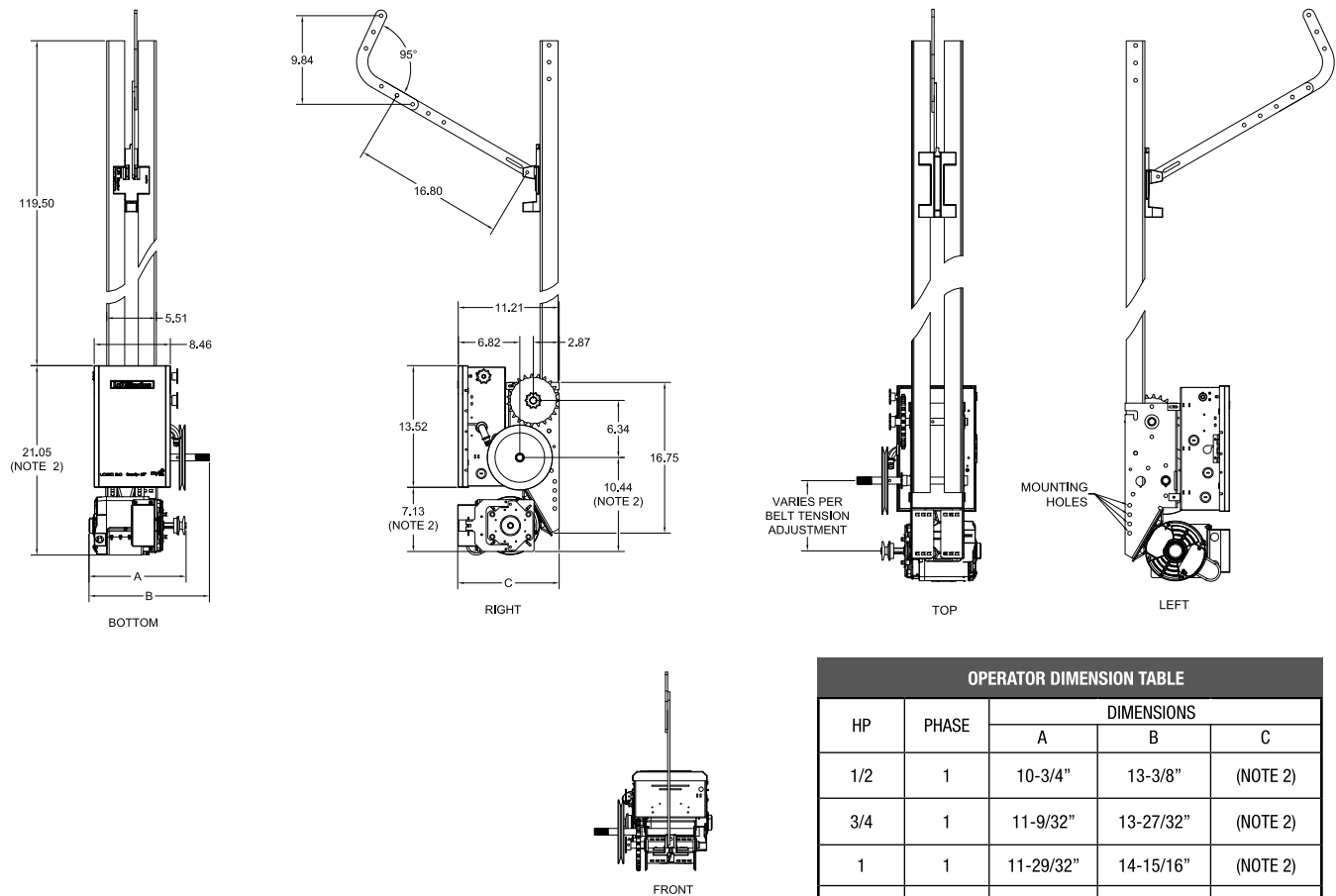
TROLLEY OPERATOR

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DIMENSIONS



CAPACITY

MAXIMUM DOOR AREA (SQ. FT.)					
STANDARD SECTIONAL	—	24 ga. 22 ga. Steel	20 ga. Steel	16 ga. Steel	
	Fiberglass	Aluminum Doors	Wood Doors	—	
	—	—	24 ga. Steel Insulated	20 ga. Steel Insulated	
HP	310	285	260	175	
	400	350	320		
HP					

On steel insulated doors, a 24-gauge back panel is assumed.
If a heavier back panel is supplied, use the next higher HP rating.
Recommended max duty cycles: 25 per hour, up to 90 per day.

OPERATOR DIMENSION TABLE				
HP	PHASE	DIMENSIONS		
		A	B	C
1/2	1	10-3/4"	13-3/8"	(NOTE 2)
3/4	1	11-9/32"	13-27/32"	(NOTE 2)
1	1	11-29/32"	14-15/16"	(NOTE 2)
1/2	3	11-5/16"	13-15/16"	(NOTE 2)
3/4	3	11-5/16"	13-15/16"	(NOTE 2)
1	3	11-5/16"	13-15/16"	(NOTE 2)

- Notes:
- Dimensions A,B & C may vary per motor manufacturer specification revisions and special modifications to the operator.
 - Dimension will vary per belt tension adjustment approx. "C" dimension is 12/14"