

# APT (LOGIC 5.0) APARTMENT TROLLEY OPERATOR

SECTION 08 71 13

## KEY FEATURES

### STANDARD APPLICATION

Recommended for standard-lift sectional overhead doors in higher duty-cycle commercial applications; ideal for parking garages

### RATED DUTY CYCLE

Standard-duty: Up to 25 cycles/hour and up to 125 cycles/day when distributed over a minimum of 8 hours (using continuous-rated motor)

### OPERATOR SPEED

6-7 Inches per second

### LIMIT SETTINGS

Mechanical

### EMERGENCY DISCONNECT FOR MANUAL OPERATION

Emergency release rope and handle

### EMERGENCY DISCONNECT WITH AUTO-RECONNECT

Automatically reconnects trolley to trolley chain following manual operation for convenience

### 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® and backwards compatible to Security+ 315 or 390 MHz residential garage openers

### VOLTAGE CONNECTIONS

Single-phase: 115V/230V dual voltage

### CONTROL CIRCUIT

5VDC NEC class 2

### DRIVE REDUCTION

Belt/chain & pulley; first-stage heavy-duty 5L V-belt; second and third stages #41 chain; #48 output chain on trolley

### BEARINGS/BUSHINGS

Industrial ball bearings on output and first reduction shafts; bearings on second reduction shaft

### BRAKE

Solenoid standard

### 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 standard

### 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

250 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](mailto:Specs@LiftMaster.com) for additional capabilities.

\*\*LiftMaster Internet Gateway and myQ app required.

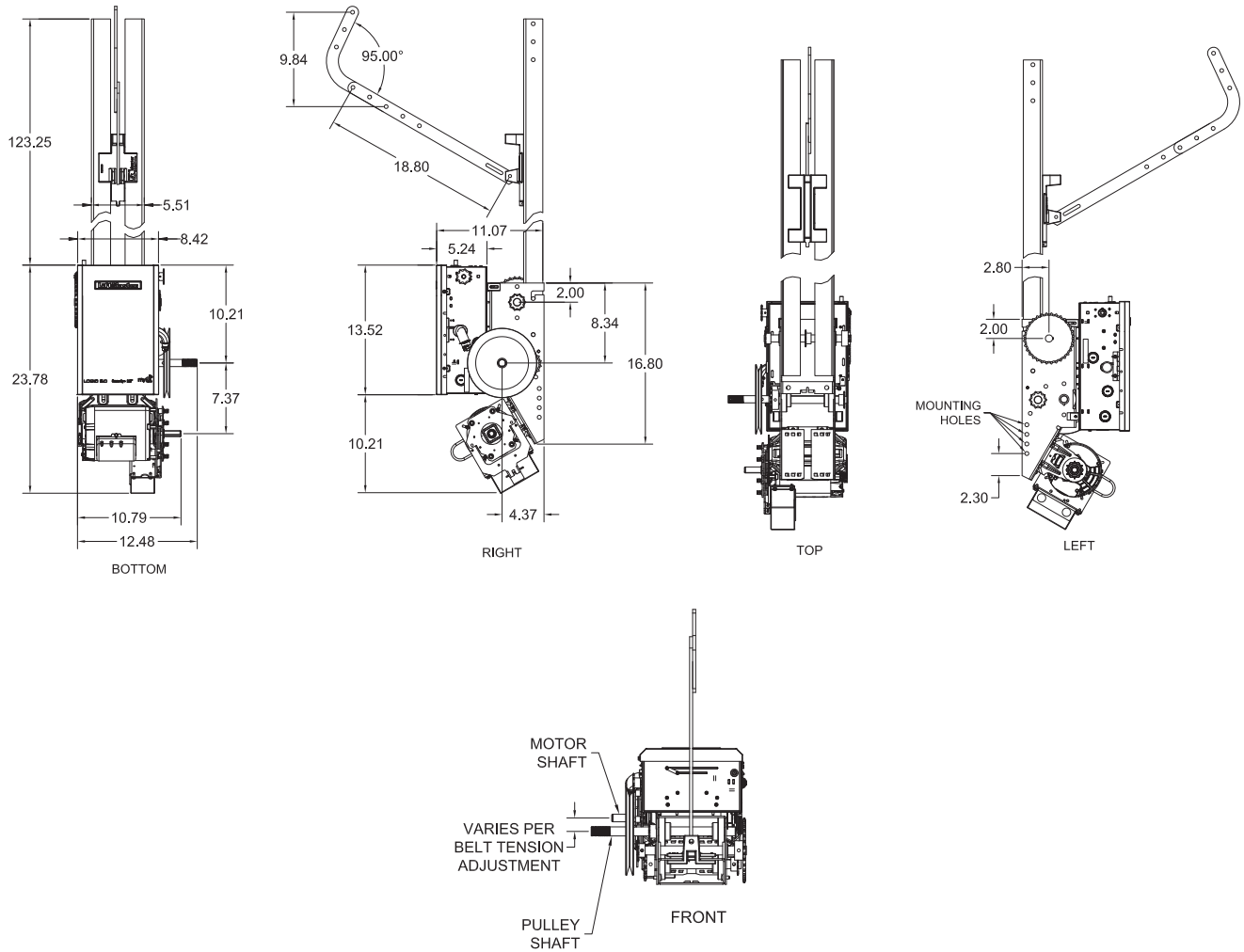
**DATA SHEET**  
APT (LOGIC 5.0) APARTMENT TROLLEY OPERATOR

**LiftMaster**

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## DIMENSIONS



## CAPACITY

MAXIMUM DOOR AREA (SQ. FT.)				
STANDARD SECTIONAL	24 ga. Steel	20 ga. Steel	16 ga. Steel	—
	Aluminum Doors	Wood Doors	—	—
	Fiberglass Doors	24 ga. Steel Insulated	20 ga. Steel Insulated	16 ga. Steel Insulated
HP 1/2	250	225	150	100

DOOR SIZE SELECTION GUIDE		
HP	Maximum Door Weight (lbs.)	Maximum Door Area (sq. ft.)
1/2	1300	260
3/4	1850	340
1	2400	480

On steel insulated doors, a 24-gauge back panel is assumed.  
 Recommended max duty cycles: For applications requiring over 100 cycles per day.