Light-Duty Trolley Operator Specifications

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Trolley-type door operators for standard lift sectional doors.

1.2 RELATED SECTIONS

** Note to Specifier: Please list all applicable CSI Masterformat Sections related to Automatic Door Operators requiring coordination.

1.3 REFERENCES

** Note to Specifier: Please list all applicable Standards, Codes and other Reference documentation related to the design, functionality, installation and performance of Automatic Door Operators.

1.4 SUBMITTALS

** Note to Specifier: Please list all applicable submittal requirements required for approval.

1.5 DELIVERY, STORAGE, AND HANDLING

** Note to Specifier: Please list all applicable delivery, storage and handling requirements for Automatic Door Operators that are pertinent to the project site and conditions.

1.6 WARRANTY

 A. Manufacturer's standard limited 2-year warranty against material and manufacturing defects.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: The Chamberlain Group, Inc.; 845 Larch Avenue, Elmhurst, IL 60126-1196. ASD. Tel: (800) 282-6225. Fax: (630) 516-8412. www.chamberlain.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 TROLLEY OPERATED DOOR OPERATOR

- A. Light-Duty Operator: For residential and commercial doors, with anti-burglary coding radio receiver; Model ATS 211X; Chamberlain, Elmhurst, IL.
 - Electric Operator: Model ATS light-duty assembly, cULus Listed and cULus Labeled, complete with electric motor and factory-prewired motor controls; single button OPEN/CLOSE/STOP control station; UL and CSA listed self-monitoring infrared sensing device integral to operator system and accessories required for proper operation; operator shall be capable of driving the door at a speed of approximately 8 inches (203 mm) to 9 inches (229mm) per second.
 - a. Limit Switches: Fully adjustable, driven linear-type switch mechanism synchronizing operator with door.
 - b. Electric Motor: High-starting torque, 1/2 Horsepower, 115 volts, 1 phase motor with instant reverse function and motor overload protection. Motor starter shall be of solid-state circuitry and enclosed in a NEMA 1 enclosure.
 - c. Radio Receiver: LiftMaster 315HM on-board, singlechannel receiver with external antenna and equipped to accept Security+ Rolling Code Technology remote transmitters and Trinary Dip Switch remote transmitters. Receiver memory shall accept up to 23 Security+ remote transmitters or unlimited number of Trinary Dip Switch remote transmitters.
 - d. 3-Button Control Station: 1-button station providing OPEN/STOP/CLOSE/REVERSE operation shall be NEMA Type 1
 - 2. Self-Monitoring Safety Operation Application: Operator shall include inherent automatic safety reversal of door (on close) / automatic stop of door (on open) upon encountering an obstruction and shall be provided with fully monitored, non-contact, infrared beam photo sensors to be mounted 6" maximum above the floor that reverse a closing door to the full open position when an obstruction is sensed.

3. Track: Heavy-duty steel "I" beam configuration with automatic reconnect trolley in case of manual operation.

PART 3 EXECUTION

3.1 EXAMINATION

** Note to Specifier: Please list all requirements regarding examination of the Substrate to which Automatic Door Operators will be mounted.

3.2 PREPARATION

** Note to Specifier: Please list all requirements regarding preparation of the Substrate to which Automatic Door Operators will be mounted.

MODEL COMMERCIAL DOOR OPERATOR

3.3 INSTALLATION

A. Install in accordance with manufacturer's instructions.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.





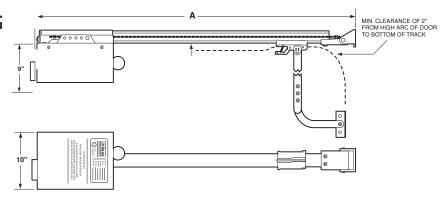






Customer			
Project			
Architect/Engineer			
Contractor			
Drawing Number	Date	Sheet	of

SHOP DRAWING



Door Height	8'	10'	12'	14'
A - Dimension	Door Height + 3'-3"	Door Height + 3'-3"	Door Height + 3'-9"	Door Height + 3'-9"

Specifications for Ordering

1) Supply _		_ () LiftMaster Operator(s)	Model	
	HP,	Volts, _	Phase,	_ Hertz	
2) For	wide x		high door(s) with		
3) Supply _		_() OPEN/CLOSE/STOP cont	rol station(s) in NEMA enclosure po	er operator
4) Supply a	uxiliary and o	ptional equ	ipment as specified below	(one per operator unless otherwise r	ioted)
Additional Inf	fo				

Notes:

- 1) Refer to model ATS product data sheet for general information
- 2) Refer to drawing ______ for wiring diagram

Manufactured by: The Chamberlain Group, Inc. 845 Larch Avenue • Elmhurst, Illinois 60126 For More Information: call (800) 323-2276

visit www.liftmaster.com or http://specs.liftmaster.com/architectscorner

MOTOR AMPERAGE RATING			
HORSE	VOLTAGE - PHASE - 60Hz		
POWER	115-1Ø		
1/2	5.5		

