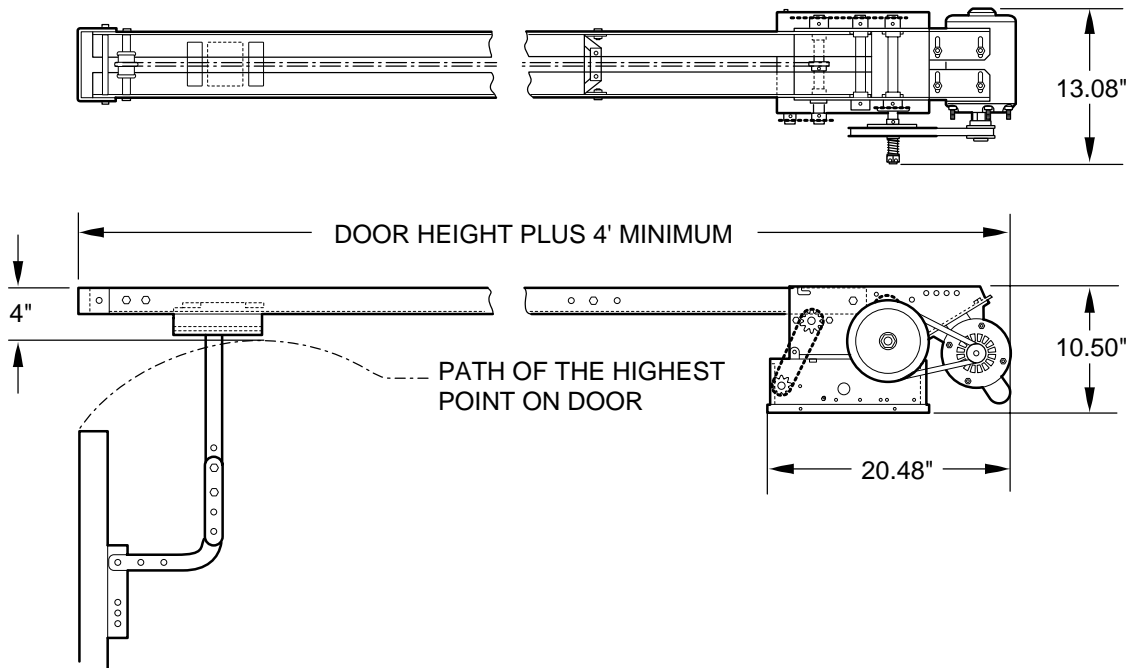


# LOW PROFILE DOOR OPERATOR-MODEL APT



## STANDARD FEATURES

### Model Specific:

Work included-The electric operator will be Lift-Master Model APT as manufactured by The Chamberlain Group, Inc. Related work - Door preparation, miscellaneous or structural metal work, field electrical wiring, wire, conduit, fuses and disconnect switches are in the scope of work of other divisions or trades.

### Product:

Supply Model APT, industrial-duty, cUL listed, belt drive trolley type operator(s) rated 1/2 H.P., 115 Volts, Single Phase.

### General:

Provide cUL listed electric door operator assembly of size and capacity recommended by door manufacturer; complete with electric motor and factory-prewired motor controls, 3-button open/close/stop control station, conduit and wiring from control to motor and accessories required for proper operation.

### Electric Motor:

Motor shall be high starting torque 1/2 H.P., resilient mount continuous-duty cradle type,

protected against overload by a current sensing or thermal overload device.

### Noise Suppression:

The operator shall provide a cradle-type resilient mount motor to reduce noise and vibration. Nylon inserts will be provided on the trolley mechanism and the rail spacers in order to reduce vibration and the chain noise.

### Motor Starter, Controls, Enclosures:

Motor starter shall be cUL approved solid state Triac Circuitry type. Motor starting device shall be enclosed in a NEMA 1 enclosure and integral with the operator. Control enclosures shall conform to ANSI/NEMA ICS6. Open/close/stop control stations shall be NEMA type 1.

### Frame and Reduction:

Primary speed reduction shall be heavy-duty 5L V-belt and #41 chain and sprocket secondary. Operator shall be equipped with an adjustable friction clutch, automatic reconnect type door arm for emergency manual door operation and ball bearings on the output shaft. The operator vertical profile shall not exceed 11 inches and track shall be 11-gauge, heavy-duty, double angle galvanized steel. Door drive shall be full roller

chain, #48. Operator shall be capable of driving the door at a speed of approximately 6 to 7 inches per second.

### Limit Switches:

Fully adjustable, driven linear type limit switch mechanism shall synchronize the operator with the door. Low friction nylon limit nuts fitted on threaded steel shaft, rotating on oilite self-lubricating bronze bushings. The motor shall be removable without affecting the limit switch settings.

### Trolley Assembly:

2" x 2" galvanized steel angle rails with automatic reconnecting trolley. Plated steel rail spacers with nylon chain-guide assembly.

### Execution:

Install the motor operator in accordance with Lift-Master instructions and standards and in compliance with applicable federal, state or local regulations.

### Warranty:

Lift-Master Commercial Door Operators and accessories shall be warranted to be free of any defect in materials and workmanship for a period of two years.

**Lift-Master**  
The Professional Line  
Commercial Operators

Manufactured by:

The Chamberlain Group, Inc.  
845 Larch Avenue • Elmhurst, Illinois 60126  
World's Largest Manufacturer of Door Openers

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