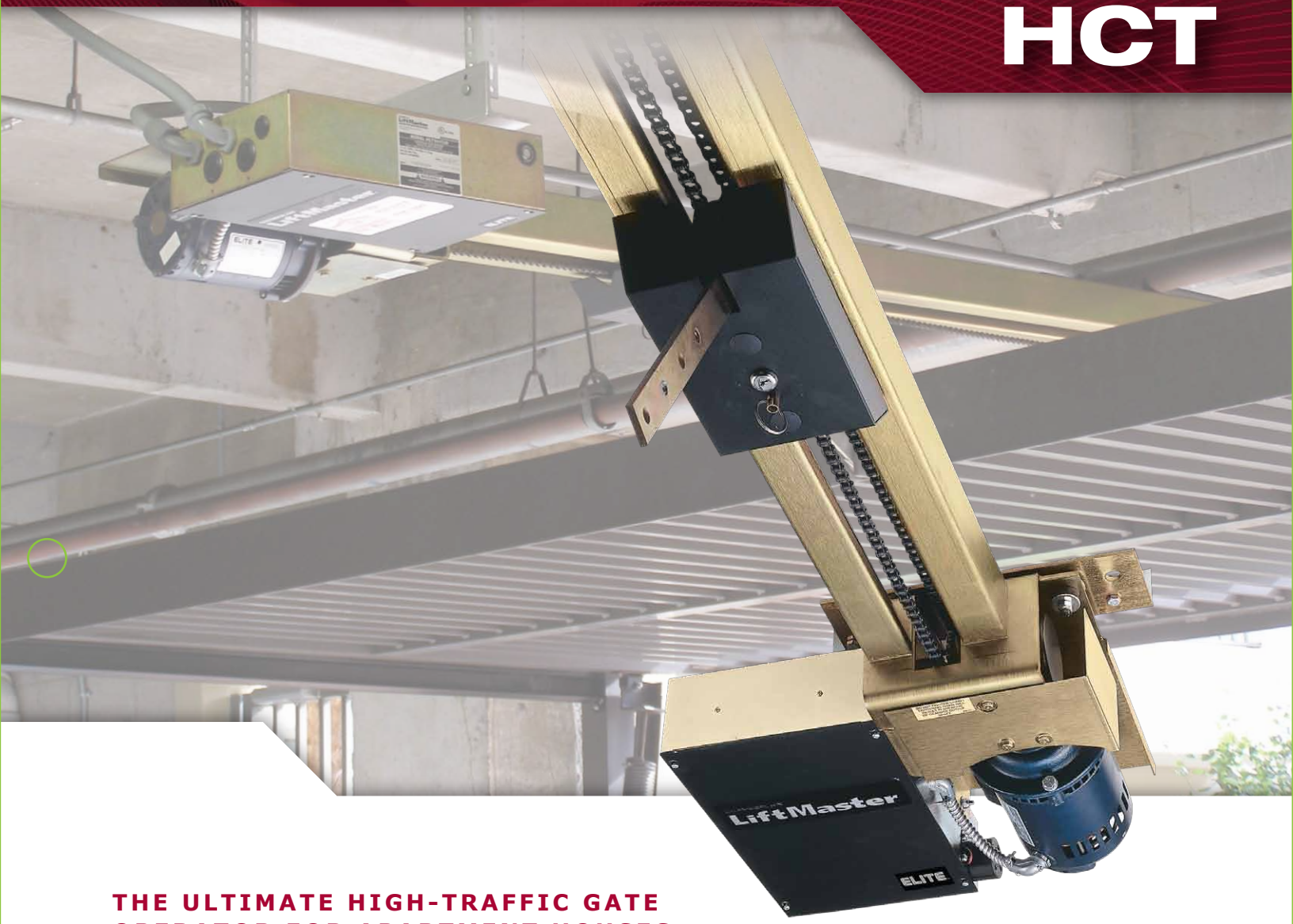
OVERHEAD GATE OPERATOR

HCT



THE ULTIMATE HIGH-TRAFFIC GATE OPERATOR FOR APARTMENT HOUSES AND LOW-PROFILE APPLICATIONS

Meeting the challenge of today's high cycle applications by providing the ultimate in durability, quiet operation and security.

Specifically engineered to meet the needs of apartment houses, condominiums and low-clearance installations, the model HCT delivers unsurpassed safety, dependability and quiet operation. In a class by itself, the HCT is a heavy-duty, high-traffic operator designed with many exclusive features, including a Security+® receiver, built-in electronic reversing device, heavy-duty track and keyed trolley assembly.

The HCT is designed for installation in even the tightest applications. At only 8 inches high, it's up to 10 inches shorter than other overhead operators. In addition, it's extremely quiet so as not to disturb tenants living directly above the garage. For added safety, the HCT includes a key release feature for instant access in case of power failure. And all components are fully enclosed to greatly reduce the risk of injury.

LiftMaster®

HCT

STANDARD FEATURES

Advanced Control Board
OmniControl™ Board features LED indicators for all operator input and output functions. Includes programmable timer. For use with optional modular plug-in loop detectors.

Electronic Reversing Device (ERD)
If the gate ever comes in contact with a vehicle while closing, it re-opens. If it contacts a vehicle while opening, it stops, reverses 4 to 6 inches and stops again.

Integrated Loop Detectors
Easy to install, modular, plug-in loop detector input.

Timer
Adjustable timer can be set from 3 to 60 seconds.

Spike Suppressors
Fast response time (50 nanoseconds) when subject to an impulse surge (lightning strike) up to 100 amps.

Gear Head
The HCT features a gear drive system lubricated in an oil bath for unmatched durability in high cycle applications. The 1/2 HP C-mounted continuous cycle motor and 40:1 gear reduction also provide smooth and quiet operation.

Built-In Radio Receiver
312HM receiver conveniently opens the gate. High security memory stores up to 18 Security+® transmitters. Normal security memory stores up to 31 LiftMaster® transmitter codes of any type. Transmitters sold separately.

Dynamic Braking
Provides total gate position control to ensure consistent gate closing without coasting.

Electronic Inputs
Available inputs include: radio receiver, key switch, telephone entry system, computer input, fire dept. key switch and 3-button control.

Noise Isolators
Heavy-duty rubber isolators help prevent noise and absorb vibration.

Digital Motor Protection
Entrapment sensor shuts the motor off after it reaches the stall amp for 3 seconds, then reverses the gate several inches before it stops.

Trolley Assembly and Key Release
Smooth-gliding trolley operates on 6 UHMW rollers for high performance and added reliability. Emergency key release offers added safety when the power goes out.

OPTIONAL ACCESSORIES

Photo Electric Controls

Sensing Edge

Omni Option Board

Push Button Station

Plug-in Loop Detectors

Star™ 450 Receiver

ADDITIONAL FEATURES

Solid-State Electronic Motor Drive System

3-Button Control
On-board, 3-button control for open, close and stop.

Power Input On/Off Switch
Controls power input to the board.

Safety Alarm
If the gate hits an object twice while opening or closing, the system will shut down and the alarm will sound for five minutes. After five minutes, the system will automatically reset itself. To reset within the five-minute period, the manual reset button must be activated.

SPECIFICATIONS

Horsepower
1/2 HP

Power
120 VAC

Operator Lengths
HCT501103-8 (for 8 ft. gate):
141 in.

HCT501103-10 (for 10 ft. gate):
165 in.

HCT501103-12 (for 12 ft. gate):
189 in.

Operator Weights
HCT501103-8 (for 8 ft. gate):
150 lbs.

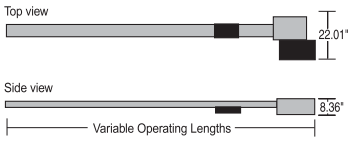
HCT501103-10 (for 10 ft. gate):
154 lbs.

HCT501103-12 (for 12 ft. gate):
158 lbs.

UL Listed
UL325 Compliant

Construction
Chassis:
Zinc Coated Steel
Gear Reduction:
40:1 Gear Reducer
Motor:
1/2 HP Continuous-Duty

Dimensions



5 YEAR WARRANTY

LiftMaster®
Gate Access Systems

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