

HCTDCUL SPECIALTY OVERHEAD OPERATOR

Ideal for multi-unit residential parking facilities.



PRODUCT HIGHLIGHT

SMOOTH START/STOP

Ensures Low-Maintenance Performance

NOISE-ISOLATING DESIGN

Provides for Exceptionally Smooth and Ultra-Quiet Operation

RELIABLE

BATTERY BACKUP SECURES AND SAFEGUARDS YOUR PROPERTY BY PROVIDING STANDBY POWER WHEN THE POWER IS DOWN.

HEAVY-DUTY COMMERCIAL GEAR-DRIVEN TRANSMISSION PROVIDES UNSURPASSED RELIABILITY.

SMOOTH START/STOP OPERATION AND MID-TRAVEL REVERSAL EXTEND OPERATOR HARDWARE LIFE.

YELLOW ZINC DICHROMATE RAIL FINISH (8,10,12 FT.)/**CLEAR ZINC RAIL FINISH** (14,16 FT.) OFFERS MAXIMUM RUST PROTECTION.

WARRANTY 5 YEARS.

SMART

NOISE ISOLATORS PROVIDE EXCEPTIONALLY SMOOTH AND QUIET PERFORMANCE.

SELECTABLE SPEED CONTROL OPENS UP TO 11" PER SECOND, 25% FASTER THAN INDUSTRY AVERAGE, TO KEEP TRAFFIC FLOWING.

LOW-PROFILE DESIGN INSTALLS EASILY IN TIGHT APPLICATIONS AT ONLY 8" IN HEIGHT.

myQ® TECHNOLOGY ENABLES YOU TO SECURELY CONTROL AND MONITOR YOUR GATE OPERATOR FROM ANYWHERE.*

SAFE AND SECURE

SECURITY+ 2.0® SAFEGUARDS ACCESS WITH AN ENCRYPTED TRI-BAND SIGNAL TO VIRTUALLY ELIMINATE INTERFERENCE AND OFFER EXTENDED RANGE.

POSILOCK® AUTOMATICALLY POWERS THE OPERATOR AND RETURNS THE GATE/DOOR TO THE CLOSED POSITION WHEN PUSHED OFF THE CLOSED LIMIT.

QUICK CLOSE AND ANTI-TAILGATE QUICKLY SECURE THE PROPERTY, PREVENTING UNAUTHORIZED ACCESS.

FIRE DEPARTMENT COMPLIANCE ALLOWS GATE/DOOR TO AUTO-OPEN UPON LOSS OF AC POWER OR BATTERY DEPLETION.

UL® LISTED GATE OPERATORS WITH MONITORED SAFETY ENTRAPMENT PROTECTION DEVICES.

*Cellular data or Wi-Fi® connection required. Test equipment regularly and follow safety instructions.

INCLUDED ACCESSORIES:

MONITORED COMMERCIAL PROTECTOR SYSTEM®

Increases entrapment protection with through-beam infrared sensors with heavy-duty housings and brackets; NEMA 4 rated; max. range: 45 ft.



CPSUN4G

SAFETY ADD-ONS:

MONITORED RETRO-REFLECTIVE PHOTO EYE

Enhanced retro-reflective photo eye now with heater and wider beam, engineered to stay aligned; max. range: 50 ft.



LMRRL

MONITORED THROUGH-BEAM PHOTO EYES

Enhanced through-beam now with wider beam and heater for high performance in most environments; max. range: 90 ft.



LMTBUL

TOTAL SOLUTION ACCESSORIES:

CONNECTED ACCESS PORTAL, HIGH CAPACITY

Cloud-based access control for residential communities.



CAPXL

CONNECTED ACCESS PORTAL, 2-DOOR CONTROLLER

Keypad and proximity reader functionality controls a single-entry access.



CAP2D

HIGH-TRAFFIC DC BARRIER GATE OPERATOR

Provides easy in-and-out access 24 hours a day to keep traffic flowing.



MAT

PLUG-IN LOOP DETECTOR

Identifies vehicles within the gate or door pathway.



LOOPDETLM

RED/GREEN TRAFFIC LIGHT

Assures safe entering and exiting by indicating door status.



RGL24LY

MASTERFUL ENGINEERING.

HCTDCUL

SPECIALTY OVERHEAD OPERATOR

MECHANICS



- 24VDC Continuous-Duty Motor
- **Operator Duty Rating:** High-Cycle, High-Temperature Continuous Duty on 8, 10 and 12 ft. Rails; 600 Cycles on 14 and 16 ft. Rails
- **Wormgear Reduction:** Oil-Bath Gearbox with 28:1 Gear Reducer

POWER



- 120/230V Single-Phase
- **Accessory Power:** 24VDC 500mA Output
- **Solar-Ready, Ultra-Reliable System:** Delivers Power When and Where You Need It (LMRRUL/LMTBUL Heater Option Not Recommended for Solar Applications)

COMMERCIAL-GRADE DESIGN



- **Chassis:** Constructed with 1/4 in. Gold Zinc-Plated Steel for Rust Prevention
- **Trolley Assembly:** Heavy-Duty 12-Gauge Steel Track with 6 UHMW Rollers
- **UL® Usage Classification:** II, III and IV
- **Weights:**

- Powerhead = 86 lbs.

Yellow Zinc Dichromate Finish

- HCT08—8 ft. Rail = 93 lbs.
- HCT10—10 ft. Rail = 111 lbs.
- HCT12—12 ft. Rail = 129 lbs.

Clear Zinc Finish

- HCT14—14 ft. Rail = 150 lbs.
- HCT16—16 ft. Rail = 172 lbs.

TEMPERATURE SPECIFICATIONS



-4°F (-20°C) to 140°F (60°C)

BATTERY BACKUP OPERATION

Battery	Cycles	Standby Time
(2) 7Ah	112	24 Days

(Cycles and Standby Time Based on Stand-Alone System)



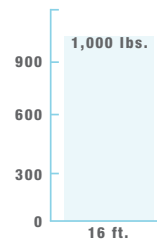
RAILS

- HCT08: 121.5"
- HCT10: 145.5"
- HCT12: 169.5"
- HCT14: 193.8"
- HCT16: 217.8"



CAPACITIES

Rated for Overhead Doors or Gates with up to 16 ft. Rail or Weighing up to 1,000 lbs.



GATE TRAVEL SPEED

BI-PART DELAY OFF (DEFAULT) = 8 IN./SEC. OPEN SPEED*

BI-PART DELAY ON (FAST) = 11 IN./SEC. OPEN SPEED*

*Select gate travel speed using the BI-PART DELAY switch and enable a high-speed open option to help flow in high-traffic areas (open speed only).

STANDARD FEATURES.

PRE-MOTION WARNING ALARM

- Activates On-Board Alarm 3 Seconds Prior to Gate Motion

EXTERNAL ALARM RESET BUTTON

- Instantly Resets the Built-In Safety Alarm Siren

MAXIMUM-RUN TIMER

- Protects Against Damage to the Gate and Operator by Limiting the Unit's Run Time to 120 Seconds

DYNAMIC BRAKING SYSTEM

- Adds Substantial Gate Position Control at All Points of Travel



MONITORED SAFETY INPUTS

- 3 Main Board, 3 Expansion Board

SECURITY+ 2.0® ON-BOARD RADIO RECEIVER

- Tri-Band 310/315/390 MHz Frequency
- Up to 50 Remote Controls (Unlimited with 811LM/813LM)

LED DIAGNOSTIC DISPLAY

- Simplifies Installation and Troubleshooting

PROGRAMMABLE AUXILIARY RELAYS

- Make Adding Additional Features Easy

SUPPORT.



For Support Tools and Training Videos, Visit LiftMasterTraining.com

For More Information on Gate Operators, Visit LiftMaster.com/UL325Gates

To Find the Right Perimeter Access Solution for You, Visit LiftMaster.com/Solution-Generator



Sales Support: 800.282.6225
 Technical Support Center: 800.528.2806
 To Order: 800.323.2276