



# 8587W

3/4 HP AC CHAIN DRIVE WI-FI® GARAGE DOOR OPENER



## Wi-Fi Connectivity - Never Look Back Again

### Connectivity

- **MyQ® Technology now with Wi-Fi**, enables secure monitoring and control of your garage door opener with a smartphone, tablet or laptop.
- **Alerts** can be received as email or pop-up (push) notifications on your mobile device, ensuring the status of the garage door.
- **MyQ mobile app** is a free download requiring no annual activation fee.

### Performance

- **P3™ Motors** provide proven reliability and durability.
- **3/4 HP AC Motor Chain Drive System** is built to provide maximum power to lift the heaviest doors including carriage house and solid wood.
- **I-Beam Rail System** and reinforced chassis with chain drive provides maximum support.
- **Dependable warranty** includes lifetime coverage of motor and five (5) years on parts.

### Safety and Security

- **Security+ 2.0®** safeguards garage access – with every click a new code is sent to the garage door opener ensuring the door does not inadvertently open.
- **PosiLock®** locks down the door by electronically monitoring against a forced opening.
- **Timer-to-Close** automatically closes the door after a pre-programmed number of minutes.
- **Alert-2-Close Warning System** provides audible and visual warnings when a garage door is about to close when using MyQ Technology or Timer-to-Close.
- **Motion Detector** is integrated into the Smart Control Panel® providing rapid detection and illumination of garage.
- **The Protector System®** incorporates safety sensors which emit an invisible light beam across the garage door opening, automatically reversing the door if an object interrupts the beam.

### Included Accessories:



#### 3-Button Remote Control (893MAX)

Enables control of up to three garage door openers, gate operators or MyQ Light Accessories.



#### Smart Control Panel® (880LM)

Provides easy programming of remotes, keypads, MyQ accessories and Wi-Fi Garage Door Openers. An intuitive menu-driven LCD display enables simple adjustment of settings.

### Optional Accessories:



#### Remote Light Control (825LM)

Allows control of any lamp using a garage door opener remote control or smartphone via the MyQ app.



#### Garage Door and Gate Monitor (829LM)

Enables the ability to monitor and close up to four garage doors or gates within range.



#### Ceiling Mount (195LM)

Give your garage the style it's been missing by hiding the wires and cords with this sleek ceiling mount. Works in most standard garages.



# 8587W

## 3/4 HP AC CHAIN DRIVE WI-FI® GARAGE DOOR OPENER

### SPEC SHEET STANDARD SPECIFICATIONS

#### DIMENSIONS

Installed Length: 125"  
Maximum Door Opening: 7' 6" \*  
Headroom Clearance Required: 2"  
\*Up to 14' with optional 8', 10', 12' or 14' rails (Max door opening 13'6")

#### CARTONS

Number of Cartons: 2  
Carton 1: Dimensions and Contents:  
- 20" x 12" x 10"  
- 880LM Smart Control Panel®  
- 893MAX 3-Button Remote Control  
- Garage Door Opener Head  
- The Protector System® Safety Reversing Sensors  
- Chassis Support Bracket  
- Safety Sensor Extension Brackets  
Carton 2: Dimensions and Contents:  
- 10' 4" x 5" x 5"  
- Assembled Solid-Steel I-Beam (Chain)

#### SECURITY+ 2.0® RADIO CONTROLS

Coding System: Smart Receiver Code Button and Indicator Light  
893MAX 3-Button Remote Control  
Operating Range: 200' (approximately)  
Operating Temperature: -40°F to 150°F  
Frequency:  
- Remote Control: 310, 315 & 390 MHz Tri-Band\*  
- Receiver: Frequency Agile on 310, 315 & 390 MHz  
Security+ 2.0 Anti-Burglary Coding  
\*Tri-Band on Security+ 2.0 coding only. Premium Remote Control is backwards compatible to all LiftMaster® openers manufactured since January 1993

#### MyQ® RADIO

902-928 MHz  
50 Channel FHSS (Frequency Hopping Spread Spectrum)  
Provides two-way communication from garage door opener and MyQ Accessories.  
Enables remote closing of garage door with key MyQ Accessories.  
Enables monitoring and control of garage door openers and lighting controls via smartphone, tablet or laptop.

#### SECURITY+ 2.0 ENCRYPTED CONTROLS

880LM Smart Control Panel  
-Timer-to-Close  
- Program Remote Controls, Keypads , Wi-Fi Garage Door Openers and MyQ Accessories  
- Maintenance Alert System

#### CONVENIENCE / SAFETY

The Protector System® Safety Reversing Sensors  
Alert-2-Close Unattended Close Operation w/ Select Accessories\*  
Hands Free Work Lights On  
Emergency/Quick Release  
Automatic Trolley Reconnect  
Ventilation /Pet Opening  
Down Safety Reverse  
Up Safety Stop  
Door Open/Beam Obstructed/Lights On  
Maintenance Alert System  
PosiLock® Secure Lock System  
\*Unattended Operation functionality cannot be utilized when opener is installed on a one-piece door

Note: To reduce the risk of injury to persons, when the Wi-Fi functionality is used with garage door openers, the operator must be installed with sectional doors.

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LiftMaster.com

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LMGDCA8587W 8/15

### ELECTRICAL SPECIFICATIONS

#### POWER

Voltage: 120V AC, 60Hz  
Current Rating: 5A  
UL Listings: Yes  
Length of Line Cord: 6' (3-prong)

#### ENERGY EFFICIENCY

Approximately 1 Watt Power in Standby Mode\*  
Enhanced CFL (Compact Fluorescent) Compatible  
\*Standby Mode at down limit, work lights off

#### LOGIC TYPE

Solid State Microcontroller with Built-in Surge Suppressor

#### LIGHTING

Number of Bulbs: 2  
Maximum Wattage: 100 x 2  
Adjustable Time, Solid-State Delay  
Enhanced CFL (Compact Fluorescent) Compatible, Max 26 Watts

### MECHANICAL SPECIFICATIONS

#### MOTOR

Horsepower: 3/4  
RPM: 1,625  
Thermal Protection: Automatic  
Lubrication: Permanent

#### DRIVE MECHANISM

Drive Means: Full Chain  
Reduction Means: Gear 16:1  
Door Linkage: Adjustable Door Arm  
Dual Sprocket: 6-tooth, 8-tooth

#### ADJUSTMENTS

Auto Force  
Electronic Limit Settings

#### TRAVEL RATE

Approximately 5.3" per second: 6-tooth  
Approximately 7" per second: 8-tooth

#### SHIPPING WEIGHTS

Head: 28 lbs.  
Rail: 33 lbs.

#### MATERIALS

Chassis, Chassis Support Bracket and Chassis Cover: Steel  
Rail: Solid-Steel I-Beam  
Trolley: Steel

#### WARRANTY

Lifetime Motor Warranty  
5 Year Parts Warranty  
1 Year Accessories Warranty

HOMELINK® Compatible (version 4.0 or higher) \*  
\*May require an external adapter depending on the model and year of your vehicle.  
Visit homelink.com for additional information.

# LiftMaster®

## ELITE SERIES®

8587W

# 3/4 HP AC CHAIN DRIVE WI-FI® GARAGE DOOR OPENER

Ultra-powerful performance for wind-load and heavy doors.



## KEY FEATURES

**MAXIMUM LIFTING POWER**  
for the Heaviest Doors

**WI-FI**  
Built In

**AUTOMATIC GARAGE DOOR LOCK CAPABLE**

## SECURE

**AUTOMATIC GARAGE DOOR LOCK CAPABLE:** DEADBOLT LOCKS THE GARAGE DOOR, MAKING IT VIRTUALLY IMPENETRABLE (2 MAX., SOLD SEPARATELY).

**SAFEGUARDS GARAGE ACCESS** BY SENDING A NEW CODE WITH EVERY CLICK.

**POSILOCK®** ELECTRONICALLY PROTECTS AGAINST FORCED OPENINGS.

**ALERT-2-CLOSE** SIGNALS WHEN A DOOR IS BEING CLOSED BY MyQ®.

**TIMER-TO-CLOSE** CAN BE PROGRAMMED TO CLOSE THE DOOR AFTER A SET AMOUNT OF TIME.

**MOTION DETECTOR** LIGHTS THE WAY AUTOMATICALLY.

**THE PROTECTOR SYSTEM®** INVISIBLE LIGHT BEAM AUTO-REVERSES THE DOOR IF THERE IS AN OBSTRUCTION.

## RELIABLE

**3/4 HP AC MOTOR CHAIN DRIVE SYSTEM** PROVIDES MAXIMUM POWER TO LIFT THE HEAVIEST DOORS.

**I-BEAM RAIL SYSTEM AND REINFORCED CHASSIS** MAXIMIZE SUPPORT.

**WARRANTY** LIFETIME MOTOR, 5-YEAR PARTS AND 1-YEAR ACCESSORIES.

## SMART

**BUILT-IN WI-FI** FOR THE EASIEST WAY TO CONNECT THE GARAGE.

**FREE MyQ MOBILE APP** SO USERS KNOW THEIR HOME IS SECURE.

**REAL-TIME ALERTS** INDICATE THE STATUS OF THE GARAGE DOOR VIA EMAIL OR PUSH NOTIFICATIONS.

**MONITOR AND CONTROL** THE OPENER FROM ANYWHERE USING MOBILE DEVICES.

## INCLUDED ACCESSORIES:

**SMART CONTROL PANEL®**  
LCD display enables simple programming and adjustment of settings.



880LMW

**3-BUTTON REMOTE CONTROL**  
Operates up to 3 openers or MyQ Light Accessories.



893MAX

## POWERFUL ADD-ONS:

**AUTOMATIC GARAGE DOOR LOCK CAPABLE**  
Deadbolts the garage door automatically every time it closes.



841LM

**REMOTE LIGHT CONTROL**  
Plug in any lamp to this device to control it with a smartphone or garage remote.



825LM

**MINI UNIVERSAL REMOTE CONTROL**  
Compact and portable to provide quick, easy garage access.



374UT

**WIRELESS KEYLESS ENTRY**  
Provides convenient, secure access from outside the garage with a 4-digit PIN.



877MAX

**PRODUCT GUIDE 8587W**  
3/4 HP AC CHAIN DRIVE WI-FI  
GARAGE DOOR OPENER

**LiftMaster®**

# MASTERFUL ENGINEERING.

## MOTOR



- 3/4 HP AC
- 1,625 RPM
- Automatic Thermal Protection
- Permanent Lubrication

## POWER



- 120V AC
- 60 Hz Voltage
- 5A Current Rating
- UL Listed
- 6' Power Cord (3-Prong)

## MECHANICS



- **Steel Chassis, I-Beam and Trolley**
- **Full Chain Drive Mechanism** (16:1 Gear Reduction and Adjustable Door Arm)
- **Auto-Force** Adjustment for Changing Weather and Environmental Conditions
- **Electronic Limits** for Easy Setup
- **Dual Sprocket:** 6-Tooth, 8-Tooth
- **AC Wi-Fi Logic Board** with Built-In Surge Suppressor (for Replacement Logic Boards, Order Part 050ACTWFLK)
- **2 Lock Terminals** Allow up to 2 Locks to Be Connected (Sold Separately)

7.5"



## DIMENSIONS

Rail Options	7'	8'	10'	12'	14'
Installed Length	125"	140"	164"	189"	213"
Max. Opening	7'6"	8'6"	10'6"	12'6"	13'6"

Headroom Clearance Required: 2"

5"

(6 TH Sprocket)

7"

(8 TH Sprocket)

Per second for door to move upward

## SPEED

5"

(6 TH Sprocket)

7"

(8 TH Sprocket)

Per second for door to move downward

# STANDARD SPECS.

## SECURITY

### SECURITY+ 2.0®

#### RADIO CONTROLS

Operating Range: ~200'

Operating Temperature: -40°F to 150°F

#### 3-Button Remote Control (893MAX)

- Remote Control: 310, 315 and 390 MHz Tri-Band\*
- Garage Door Opener: Frequency Agile on 310, 315 and 390 MHz
- Anti-Burglary Coding

\*Tri-band on Security+ 2.0 coding only. Premium remote control is backwards compatible to all LiftMaster® openers manufactured since January 1993.

#### ENCRYPTED CONTROLS

##### Smart Control Panel® (880LMW)

- Timer-to-Close
- Program Remote Controls, Keypads and MyQ Accessories
- Maintenance Alert System
- Easy Wi-Fi Setup

## SMART

### MyQ® RADIO



- Provides 2-way communication from garage door opener and MyQ Accessories.
- Enables monitoring and control of garage door openers and lighting controls via smartphone, tablet or computer.

### HOMELINK® COMPATIBLE (VERSION 4.0 OR HIGHER\*)

\*May require an external adapter depending on the model and year of your vehicle. Visit [HomeLink.com](http://HomeLink.com) for additional information.

## ELECTRICAL

### LIGHTING



- Max. 2 100-Watt Lightbulbs
- Adjustable Time Delay
- Solid-State Delay
- Enhanced CFL (Compact Fluorescent) Compatible, Max. 26 Watts

# SHIPPING.

## SHIPPING WEIGHT (in lbs.)

28

HEAD

33

RAIL

3

AUTOMATIC GARAGE DOOR LOCK (OPTIONAL)

## CARTONS (3)

### CARTON 1: 20" x 12" x 10"

- Garage Door Opener Head (8587W)
- Smart Control Panel (880LMW)
- 3-Button Remote Control (893MAX)
- The Protector System® Safety Reversing Sensors
- Chassis Support Bracket
- Safety Sensor Extension Brackets

### CARTON 2: 10'4" x 5" x 5" (for 7' Rail)

- Assembled Solid-Steel Chain I-Beam

### CARTON 3 (OPTIONAL): 8" x 4.5" x 4"

- Automatic Garage Door Lock (841LM)

## SAFETY AND SECURITY.

- Automatic Garage Door Lock Capable (2 Max.)
- Alert-2-Close/Unattended Close Operation†
- Motion Detection Feature on Control Panel
- Emergency/Quick Release
- Automatic Trolley Reconnect
- Ventilation/Pet Opening
- Down Safety Reverse
- Up Safety Stop
- Safety Beam Obstruction Turns Lights On
- Maintenance Alert System
- Garage Door Opener Capacity of up to 40 Remote Controls, 4 Wireless Keyless Entry Systems and 16 MyQ Devices

