

Viper X50/X70 Specifications

Electrical

Power Supply:	120 VAC/60 Hz
Control Voltage:	24 VDC
Motor Voltage:	24 VDC
Thermal Protection:	Automatic
Power Cord:	6ft (3-Prong)

Powerhead Features

Travel Rate-Main:	5.5 in/sec
Push & Pull Force:	700 Newton
Viper X50:	500 Newton (1/2 HPS)*
Viper X70:	700 Newton (3/4 HPS)*

Force adjustment: Independent up/down if required

Logic Type: Microprocessor with Built-In Surge Suppressor

Limit Settings:	Electronic
Class II - Low Voltage Connections:	Quick Connect Terminals
Display:	8-LED carousel

Photo Eye Sensors Safety System

Non-impact, advanced Infrared Safety Sensors reversing system. Complies with all UL 325 requirements and safety regulations.

Radio Controls

Receiver:	Modular, wireless code learning
Frequency:	315 MHz (Homelink® compatible)
Technology:	Multibit code

Digital Transmitter

Included Transmitter:	Viper X50: One 2-ch. MINI Viper X70: One 2-ch. MINI
Operating Range:	100ft. approx.
Battery:	One 3V battery

*Horsepower strength with lifting force specifications comparable to a 1/2HP and 3/4HP garage door operator.

Wired Controls

Modular Multi-Function Wall Control with Vacation/Lock Switch

Lighting System

Time controlled
Viper X50: 1 bulb, 60W Max.
Viper X70: 2 bulbs, each 60W Max.

Lens Cover

High impact, heat resistant, UL recognized plastic:
Viper X50: 1 lens cover
Viper X70: 2 lens covers

Safety and Convenience

- Easy Operating System (EOS)
- External devices Quick Connect terminals located on the rear of the operator for an easier and quicker installation
- External entrapment protection connectivity:
 - Non-impact advance infrared safety sensors reversing system
 - Non-contact safety sensor edge
- Safety reversal system
- Warning (system lights flash) during/after an obstructed condition
- Manual emergency release
- Energy conservation feature:
 - Adjustable light timer from 30 seconds to 4.5 minutes
 - Factory setting 4.5 minutes
- Self Learn Force System:
 - Monitors and controls motor force every cycle (Smart Motor®) to optimize operation force requirements
- Soft Start/Soft Stop:
 - Electronically Controlled
- Self-Diagnostic System:
 - LED error code indicator for a more efficient (quicker) installation and system troubleshooting

Warranty

Viper X50: 15 years on parts
Viper X70: Lifetime on parts

Accessories

Transmitters



Two styles of digital remote control transmitters in three different configurations. 2-channel MINI, 4-channel MINI (optional) and 3-channel MICRO (optional) remotes for controlling other devices. Unique, multi-bit technology, LED control button verification.

Modular Multi-Function Wall Station



Provides door operation and convenience from inside the garage. Compact, stylishly designed to fit in a standard single gang electrical box. Illuminated push-button. Security vacation/lock switch. Light control. Individual control stations can be combined into one solid panel.

Wireless Keyless Entry System (WKES)



Convenient, 4-digit PIN. Controls up to 3 different garage doors. Code security. Weather resistant. Provides temporary access to authorized visitors or service personnel.

Automated Door Lock LOCMATIC G20



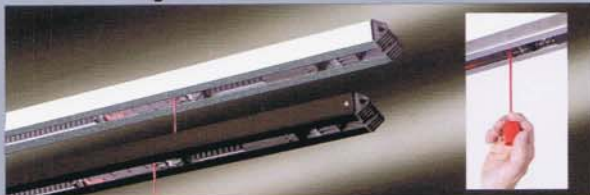
Replaces and renders obsolete manually operated locks (such as slidebars, padlock, etc.) used to secure automated sectional garage doors. It operates with the same controls that operate the LOCMATIC Ready operator such as transmitters, wall control and wireless keyless entry system. Installer friendly, easily connects to work automatically with a LOCMATIC ready operator, simply plug in a harness and connect two wires.

New Connection Terminals Location for External Devices/Accessories and Modular Receiver Antenna



- The new external devices/accessories Quick Connect terminals integrate all external devices connections in a central location, **on the rear of the operator**, providing for an easier and quicker installation, easier connectivity verification and aesthetically pleasing installation.
- Innovative concept where the receiver module is simply plugged into the unit. This allows for quick and simple frequency changes.

Drive System



Rail

The best in advanced engineering and materials. One piece semi-closed fully assembled drive system with a high strength galvanized steel finished C-rail, available with a steel-reinforced belt or a full steel chain.
Drive system overall length for a 7ft. door: 10'-6 1/2"
Maximum Door Opening: 7'-4"

Door Heights Supported:	7ft, 8ft, 10ft.
Headroom Clearance Required:	1 1/4"
Trolley: Includes emergency release, easy reconnect	
Colors	
Rails and hardware are optional in two colors: black and white	

DASMA



IDA
International Door Association

FCC/Industry Canada
Certified

ONTRAC
GARAGE DOOR COMPANY