



Operator Wiring Instructions

For C-Class Series Doors

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Operator

R-Plus C-Class Series doors are electrical doors that operated by a commercial operator.

Door Type	Operator Type
Horizontal sliding door	LiftMaster Model "T" <u>modified</u> operator ¹
Standard lift sectional vertical door	LiftMaster Model "T" trolley operator
High lift sectional vertical door	LiftMaster Model "H" jack shaft operator
Full lift vertical door	LiftMaster Model "H" jack shaft operator

Table 1 - Operator Models

Standard Wiring

R-Plus C-Class Series doors are to be installed by a professional commercial overhead door company. Wiring is to be done according to the operator manufacturer's installation manual. **Read and follow all safety information.**

Supplemental Wiring

Safety Edge - All R-Plus C-Class Series doors are equipped with a pneumatic Safety Edge. The Safety Edge uses an air switch with a Normally Open contact.

Heaters - Freezer doors include 120VAC heaters in the door leaf.

SEH J-Boxes - Both Safety Edge and Heater lead wires are found in a 2x4 J-Box ("SEH Door Leaf J-Box"). For vertical doors, this box is located on top of the door leaf assembly. For horizontal doors, this box is located on the upper trailing edge corner of the door leaf.

SJO Cord - A provided 16 ga. 5-conductor SJO cord connects the Safety Edge and Heater lead wires to a 4x4 J-box (SEH Header J-Box). For Vertical doors, this box is located on the spring header. For horizontal doors, this box is located on the track header. The SJO cord is shipped with one end attached to the 4x4

¹ Includes upgraded shaft and bearings. Do not replace with standard model "T" operator.

SEH J-box. The other end must be routed as appropriate, cut-to-length and attached to the 2x4 J-box in the field.

Frame Heaters - Door may be equipped with optional 120VAC frame heaters. Frame heaters are self-regulated heat cable. They must be fed into the door header and jambs gasket in the field as necessary.

FH J-Box – Frame heater lead wires are located into a 2x4 J-box. For vertical doors, this box is mounted on one of the jambs. For horizontal doors, this box is mounted on the track header.

Proceed with the following electrical connections:

- **SEH Door Leaf J-Box**
 - Connect the SJO Cord wires from the 4x4 SHE Spring Header J-Box to the Safety Edge wires and Heater wires (if so equipped) in the 2x4 SHE Door Leaf J-Box.
- **SEH Spring Header J-Box**
 - Connect the Safety Edge wires to operator
 - Connect the Heater wires (if so equipped) to a dedicated 120VAC circuit. Current draw varies depending on door model and size.
- **FH Frame Heater J-box (Optional)**
 - Connect the Heater wires to a dedicated 120 VAC circuit. Current draw varies depending on door model and size.

SEH J-Box / SJO CORD LEGEND (header and door leaf J-boxes)		
#	Wire Color	Function
1	Black [BLK]	Heater-120V phase
2	White [WHT]	Heater-120V neutral
3	Green [GRN]	Ground
4	Orange [ORG]	Safety Edge
5	Red [RED]	Common

FH J-Box LEGEND (Frame Heaters)		
#	Wire Color	Function
1	Black [BLK]	Heater-120V phase
2	White [WHT]	Heater-120V neutral
3	Green [GRN]	Ground

Support

General Information: www.rplusdoors.com.

Technical Documents / Resource Center: sp.rplusdoors.info

Factory/Customer Service: **1-877-320-3599**