

Architectural Specifications
Rite-Hite Doors' TRAKLINE™ PLUS Power Door (Model 8920 PL)
Section 08340

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PART 1 - GENERAL

- 1.1 CONDITIONS SPECIFIED ELSEWHERE: Section 010000 - General Requirements.
- 1.2 SUBMIT SHOP DRAWINGS showing overall dimensions (width, height).
- 1.3 SUBMIT 3 copies of manufacturer's owner's manual, maintenance manual and master service manual to the architect and or engineer.
- 1.4 WARRANTY: Proposals submitted without the following written warranties will be considered non-responsive.
 - 1.4.1 Door manufacturer shall provide with his bid a written minimum 1-year or 150,000 cycles limited warranty on parts and labor, including electrical.
 - 1.4.2 Door parts not covered under the warranty shall include: NONE.
 - 1.4.3 In addition to all other warranties, the manufacturer shall warrant that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after the date of installation. If the Owner is not satisfied with the performance of the equipment, the Owner may notify the manufacturer and the manufacturer shall remove the equipment and refund the equipment purchase price to the Owner. This warranty shall be provided by the manufacturer in writing at time of bid.

PART 2 - PRODUCTS

- 2.1 Power doors shall be manufactured by Rite-Hite Doors or an approved substitute. Doors shall be sized by manufacturer to meet specific application requirements.
- 2.2 Power doors shall be made for openings up to 400 sq. ft. (24 linear feet in either direction) with an opening and closing speed of up to 40" per second.
- 2.3 Control box shall be integral to the side frame with open/reset and curtain jog pushbuttons and a mushroom emergency stop button.
 - 2.3.1 Optional external NEMA 4X control box shall be required on exterior mounted doors.
 - 2.3.2 Control box shall include self-diagnostic Programmable Logic Controls.
- 2.4 Door shall provide a fabric bottom loop seal to provide environmental separation.
 - 2.4.1 Curtain shall be attached to the header for a tight top seal.

PART 2 - PRODUCTS (continued)

- 2.5 Side frames shall be made of 10 gauge steel with black polyurethane paint. Side frame covers shall be made from steel, painted black.
 - 2.5.1 Door shall not have limit switches within the side frames.
 - 2.5.2 Flexible track shall be constructed of heavy-duty black polyester fabric, and shall allow the door to operate in winds up to 45 mph, yet release upon impact.
 - 2.5.3 Two-way breakaway shall be standard.
 - 2.5.4 Optional one-way breakaway configuration.
- 2.6 Door material shall be made of a 22-oz. PVC coated polyester fabric. Standard color shall be Gray.
 - 2.6.1 Optional oval vision panels available.
- 2.7 Motor shall be 2 HP electric motor with a 13:1 gearbox reduction and integral brake.
 - 2.7.1 Motor and drive system shall be fully enclosed.
 - 2.7.2 Counterbalance system with fully enclosed counterweights shall assist operation of door.
- 2.8 Door shall have a standard full header shroud.
 - 2.8.1 Optional sloped shroud shall be required on exterior side mounts.
- 2.9 Door shall be activated by one of the following: induction loop, motion sensor, electronic eye, push button control, radio control, pull cord or other methods.

PART 3 - SAFETY FEATURES

- 3.1 Fabric curtain design shall address entrapment concerns.
- 3.2 Door shall release upon impact to help prevent damage.
- 3.3 Door shall include (2) reversing thru-beam photo eyes within the side frames to monitor safety of the door opening.
- 3.4 Door shall not have coil cords, junction boxes or any other external electronics within the door opening.

PART 3 - SAFETY FEATURES (continued)

- 3.5 If power failure occurs, brake holds door in place and can be released manually.

PART 4 - EXECUTION

- 4.1 INSTALLER shall examine the substrate and conditions under which power door is to be installed and notify the architect and or engineer and contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.
- 4.2 DOOR MANUFACTURER'S REPRESENTATIVE shall install power door in accordance with approved shop drawings and manufacturer's recommendations. Location of power door shall be indicated on drawings. Exact location of control box for door shall be approved by the architect and or engineer.
- 4.3 ADJUST UNITS to operate smoothly.
- 4.4 AFTER INSTALLATION is completed, a representative of the manufacturer shall examine the installation and require that all connections and adjustments necessary to assure proper operation of power door has been made. Before acceptance, a demonstration shall be conducted in the presence of the Owner's representative that all doors operate properly in every aspect. In addition, a detailed user/operator training session shall be conducted at time and place agreed upon by Owner's representative.