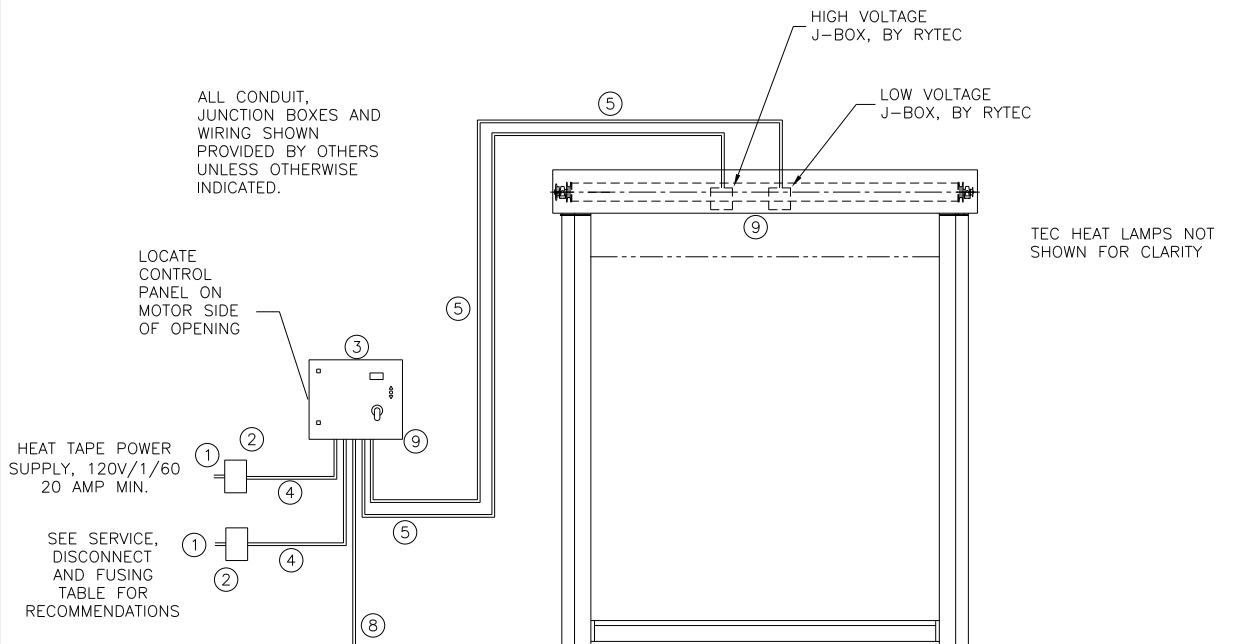




GENERAL ELECTRICAL INSTALLATION NOTES

- A). THE ENCLOSURE MOUNTING HARDWARE PROVIDED MUST BE USED IN ORDER TO MAINTAIN THE ENCLOSURE RATING (TYPE 4 STANDARD UNLESS OTHERWISE NOTED ON APPROVAL DRAWING.).
- B). ALL CONDUIT CONNECTIONS TO THE CONTROL PANEL SHOULD ENTER THROUGH THE BOTTOM OF THE ENCLOSURE. ANY CONDUIT ENTRIES IN THE SIDES OR TOP OF THE ENCLOSURE WILL VOID THE WARRANTY.
- C). ALL FIELD ELECTRICAL WORK MUST CONFORM TO ANY APPLICABLE LOCAL OR NATIONAL ELECTRIC CODES.
- D). ALL FIELD WIRING TO BE MINIMUM 60' C, 600V RATED COPPER STRANDED TYPE.
- E). USE SHIELDED CABLE WHERE INDICATED ON THE SCHEMATIC PROVIDED WITH THE DOOR. FAILURE TO USE SHIELDED CABLE MAY RESULT IN IMPROPER OPERATION OR PREMATURE FAILURE AND WILL VOID WARRANTY.
- F). INSTALL ALL LOW VOLTAGE (< 50V) WIRING IN METALLIC CONDUIT SEPARATE FROM MOTOR AND OTHER HIGH VOLTAGE WIRING. FAILURE TO SEPARATE HIGH AND LOW VOLTAGE WILL VOID WARRANTY. (NOTE : BRAKE VOLTAGE IS 24VDC (LOW VOLTAGE)).
- G). TAKE NECESSARY PRECAUTIONS TO PREVENT MOISTURE FROM ENTERING CONTROL PANEL THROUGH CONDUIT.
- H) TURBO SEAL PROVIDED WITH 50 FT SHIELDED ENCODER CABLE.
- I) IF SPLICING OF ENCODER CABLE IS NECESSARY, MAINTAIN SHIELDING AT SPLICE.
- J) THIS DOCUMENT OUTLINES THE GENERAL ELECTRICAL REQUIREMENTS FOR THIS DOOR TYPE. REFER TO THE ELECTRICAL SCHEMATIC PROVIDED WITH THE DOOR FOR COMPLETE REQUIREMENTS.

SERVICE, DISCONNECT AND FUSING RECOMMENDATIONS

208-230V/3PH/60HZ

MINIMUM SERVICE: 50 AMP
DISCONNECT/FUSING: RYTEC CONTROL PANEL EQUIPPED WITH FUSED DISCONNECT. ADDITIONAL SERVICE DISCONNECT MAY BE REQUIRED (50 AMP, 600V, 3 POLE, TYPE R FUSES MINIMUM).

460V/3PH/60HZ

MINIMUM SERVICE: 30 AMP
DISCONNECT/FUSING: RYTEC CONTROL PANEL EQUIPPED WITH FUSED DISCONNECT. ADDITIONAL SERVICE DISCONNECT MAY BE REQUIRED (30 AMP, 600V, 3 POLE, TYPE R FUSES MINIMUM).

600V/3PH/60HZ

MINIMUM SERVICE: 30 AMP
DISCONNECT/FUSING: RYTEC CONTROL PANEL EQUIPPED WITH FUSED DISCONNECT. ADDITIONAL SERVICE DISCONNECT MAY BE REQUIRED (30 AMP, 600V, 3 POLE, TYPE R FUSES MINIMUM).

Requirements: Responsible Party*

1. BRANCH CIRCUIT PROTECTION AND MAIN POWER DISTRIBUTION WIRES: 1 _____
2. SUPPLY & MOUNTING OF FUSED DISCONNECT (INCLUDING FUSES) WITHIN 5 FT OF THE DOOR OPENING: 2 _____
3. MOUNTING OF CONTROL PANEL WITHIN 5 FT OF DOOR OPENING: 3 _____
4. WIRING FROM DISCONNECT TO CONTROL PANEL: 4 _____
5. CONDUIT, WIRE AND OTHER MATERIAL REQUIRED FOR CONNECTIONS FROM CONTROL PANEL TO DOOR: 5 _____
6. MOUNTING OF REMOTE PHOTO EYES AND ACTIVATORS, (NOT SHOWN): 6 _____
7. WIRING OF ACTIVATORS (SEE ACTIVATOR MANUALS): 7 _____
8. INSTALLATION OF OPTIONAL FLOOR LOOP WIRING (INCLUDES FLOOR CUTTING IF REQ'D): 8 _____
9. TERMINATION OF ALL WIRING: 9 _____

*Resp. Party to provide all materials and labor to complete the work indicated.

Activator Options, Qty, Responsible Party

PHOTO EYE: _____

PULLCORD: _____

MOTION DETECTOR: _____

PUSH-BUTTON: _____

FLOOR LOOP: _____

OTHERS (SEE NOTES): _____

Additional Notes:

RYTEC CORPORATION

ONE CEDAR PARKWAY, JACKSON, WI 53037-0403

Turbo-Seal® Freezer with Tec Heat Lamps and SYSTEM 4 Drive and Control.

Electrical Scope Of Work

CUSTOMER: _____

LOCATION: _____

DATE: 11/22/11 DEALER: _____ APPV'D BY: _____

DRAWING NO.: 411054-01T REV.: —

Diagram illustrating the wiring connections for a heated enclosure, showing the power supply, control panel, and heater connections.

Power Supply Connections:

- BLOWER POWER SUPPLY, 120V/1/60 20 AMP MIN.** (Line 1)
- HEAT TAPE POWER SUPPLY, 120V/1/60 20 AMP MIN.** (Line 1)
- SEE SERVICE, DISCONNECT AND FUSING TABLE FOR RECOMMENDATIONS** (Line 1)

Control Panel Connections:

- LOCATE CONTROL PANEL ON MOTOR SIDE OF OPENING** (Line 2)
- ALL CONDUIT, JUNCTION BOXES AND WIRING SHOWN PROVIDED BY OTHERS UNLESS OTHERWISE INDICATED.** (Line 3)

Heater Connections:

- HIGH VOLTAGE J-BOX, BY RYTEC** (Line 5)
- LOW VOLTAGE J-BOX, BY RYTEC** (Line 9)

Heated Blower: HEATED BLOWER NOT SHOWN FOR CLARITY