

ALL CONDUIT, JUNCTION BOXES AND WIRING SHOWN PROVIDED BY OTHERS UNLESS OTHERWISE INDICATED.

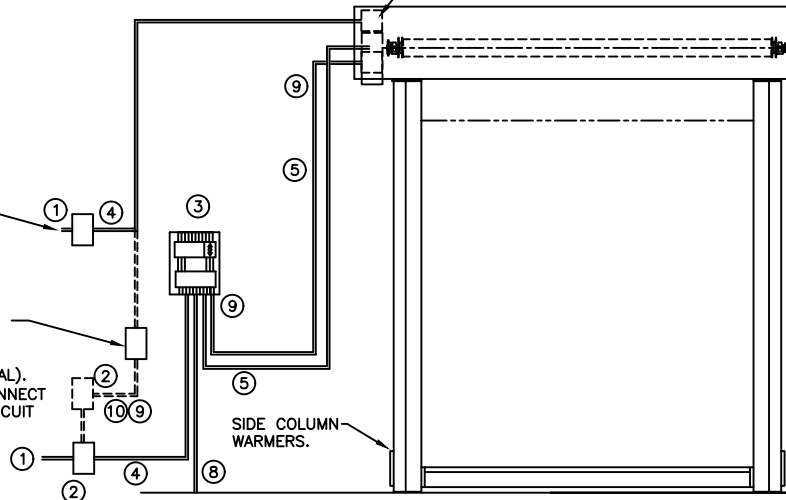
LOCATE CONTROL PANEL ON MOTOR SIDE OF OPENING

120V/1/60 30 AMP MIN. FOR OVERHEAD BLOWERS AND JAMB WARMERS

SINGLE SOURCE TRANSFORMER, BLOWER POWER SUPPLY,(OPTIONAL). (SECOND DISCONNECT OR BRANCH CIRCUIT PROTECTION REQUIRED).

SEE SERVICE, DISCONNECT AND FUSING TABLE FOR RECOMMENDATIONS

LOW VOLTAGE J-BOX, BY RYTEC



*DRIVE MOTOR: 3 HP 230V/460V INVERTER DUTY
FLA: 8.6A/4.3A

BLOWER MOTOR DATA;
DOOR WIDTH <97 = TWO, 1/2HP, 115V
DOOR WIDTH >96 = TWO, 1/2HP, 115V

JAMB WARMERS = TWO 115V @ 500W EACH

GENERAL ELECTRICAL INSTALLATION NOTES

- THE ENCLOSURE MOUNTING HARDWARE PROVIDED MUST BE USED IN ORDER TO MAINTAIN THE ENCLOSURE RATING (TYPE 4 STANDARD UNLESS OTHERWISE NOTED ON APPROVAL DRAWING.).
- 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.
- ALL FIELD ELECTRICAL WORK MUST CONFORM TO ANY APPLICABLE LOCAL OR NATIONAL ELECTRIC CODES.
- ALL FIELD WIRING TO BE MINIMUM 60° C, 600V RATED COPPER STRANDED TYPE.
- 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.
- 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)).
- TAKE NECESSARY PRECAUTIONS TO PREVENT MOISTURE FROM ENTERING CONTROL PANEL THROUGH CONDUIT.
- TURBO SEAL INSULATED PROVIDED WITH 50 FT SHIELDED ENCODER CABLE.
- IF SPLICING OF ENCODER CABLE IS NECESSARY, MAINTAIN SHIELDING AT SPLICE.
- THIS DOCUMENT OUTLINES THE GENERAL ELECTRICAL REQUIREMENTS FOR THIS DOOR TYPE. REFER TO THE ELECTRICAL SCHEMATIC PROVIDED WITH THE DOOR FOR COMPLETE REQUIREMENTS.

MAIN SERVICE, DISCONNECT AND FUSING RECOMMENDATIONS

208-230V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP, *(30AMP)
DISCONNECT: 30 AMP, 300V MIN., 3 POLE
FUSES: 20 AMP, CLASS R OR EQUAL

OPTIONAL SINGLE SOURCE DISCONNECT
FUSING: 15 AMP, CLASS CC OR EQUAL
*30 AMP SERVICE REQUIRED FOR SINGLE SOURCE OPTION.

460V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 20 AMP, CLASS R OR EQUAL

OPTIONAL SINGLE SOURCE DISCONNECT
FUSING: 7 AMP, CLASS CC, OR EQUAL

600V/3PH-50/60HZ

MINIMUM SERVICE: 15 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 15 AMP, CLASS R OR EQUAL

OPTIONAL SINGLE SOURCE DISCONNECT
FUSING: 6 AMP, CLASS CC, OR EQUAL

Requirements: Responsible Party*

- BRANCH CIRCUIT PROTECTION AND MAIN POWER DISTRIBUTION WIRES: 1 _____
- SUPPLY & MOUNTING OF FUSED DISCONNECT (INCLUDING FUSES) WITHIN 5 FT OF THE DOOR OPENING: 2 _____
- MOUNTING OF CONTROL PANEL WITHIN 5 FT OF DOOR OPENING: 3 _____
- WIRING FROM DISCONNECT TO CONTROL PANEL: 4 _____
- CONDUIT, WIRE AND OTHER MATERIAL REQUIRED FOR CONNECTIONS FROM CONTROL PANEL TO DOOR: 5 _____
- MOUNTING OF REMOTE PHOTO EYES AND ACTIVATORS, (NOT SHOWN): 6 _____
- WIRING OF ACTIVATORS (SEE ACTIVATOR MANUALS): 7 _____
- INSTALLATION OF OPTIONAL FLOOR LOOP WIRING (INCLUDES FLOOR CUTTING IF REQ'D): 8 _____
- TERMINATION OF ALL WIRING: 9 _____
- INSTALLATION AND TERMINATION OF OPTIONAL TRANSFORMER: 10 _____

*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® Insulated
with SYSTEM 4 Drive and Control
and RAD Unheated Blower*

Electrical Scope Of Work

CUSTOMER:

LOCATION:

DATE:
6/16/17

DEALER:

APPV'D BY:

DRAWING NO.: 411174-00T

REV.: C