WEILAND
INDUSTRIAL DOORS & WINDOWS

Weiland, Inc. Infit Door Information

Thank you for purchasing a Weiland, Inc. door. Your business and satisfaction are very important to us. Please let us know if there is anything we can do to improve your door experience.

Inside you will find installation instructions, operation and maintenance suggestions, and a standard hardware list. For custom hardware, refer to approved shop drawings. We believe our doors are the most rugged and versatile door on the market today. Our doors come pre-hung with configuration and hardware options you selected at the time of ordering.

Again, thank you for your interest in Weiland, Inc. doors and let us know if there is anything we can do to help you in the future.

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Contents

Installation Instructions for Infitting Swing Door

Installers must follow installation instructions and ensure compliance with local building codes. Failure to comply is not Weiland, Inc.'s responsibility.

Walls must also be square and in the same plane on both sides of the opening. Shims may be necessary behind door frame to ensure proper seal.

Weiland Inc. is not responsible and does not extend a warranty for doors that have field modifications.

See Operations and Maintenance Section for additional instruction.

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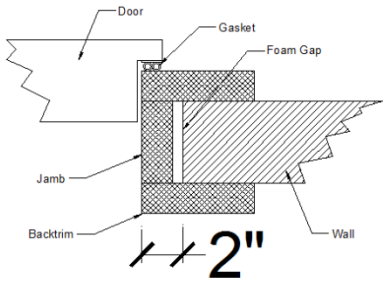
Infit Instructions

With Jambs and Back Trim

Materials Required:

- 3/8" Nylon, Galvanized or Stainless Steel Through bolts, nuts, lock washers, washers of sufficient length to get through wall and casings
- Caulk that is suitable for the environment

Figure 1: Jamb Clearance



1. Prepare opening for frame and door assembly. Finished Rough should be 4" wider than the width-in-clear of door and 2" taller than height-in-clear of door. See Figure 1. For doors without jambs, the Rough Open should be 0" wider than the width-in-clear and 0" taller than the height-in-clear.
2. If door is mounted on "lift off" hinges, remove door from frame and set aside. Otherwise, removal of door is not necessary.
3. Fit face casings and door assembly into the rough opening.
4. Level frame header with appropriate shims at the floor.
5. Plumb the hinge side of frame with appropriate shims.
6. Temporarily attach to wall with appropriate clamping device(s).
7. Plumb the latch side of the frame with appropriate shims.
8. Attach with appropriate clamping device.
9. Ensure frame remains square.

   NOTE: Installing temporary spanner blocks into door opening, at the top, bottom, and middle helps ensure square-ness.

10. Foam gap between wall and jamb at this point and allow to cure.
11. Match and clamp back trim to backside of opening.
12. Fasten back trim to face casing with 3/8" through bolt of appropriate length (wall thickness + 4), nut, lock washer, and washer. These should be no closer than 2" from any edge and should be spaced every 16" to 20" (40" max) apart all around opening.

NOTE: IF FACE CASINGS OR BACK TRIM STARTS TO WARP, WRINKLE, BEND, OR PULL AWAY FROM THE WALL BACK THE PRESSURE OFF THE BOLT.

13. Apply caulk to fill all cracks, seams, and joints on the frame and where the frame meets the wall.
14. Reinstall door panel if it was removed.
15. Adjust keeper bolt on latch strike, if required.

NOTE: IF DOOR HAS HEAT CONTINUE TO NEXT STEP.
NOTE: SINGLE HEAT DRAWS 5 WATTS/FOOT; DOUBLE HEAT DRAWS 10 WATTS/FOOT.

16. Run 120 Volt power supply to the door.
17. Use the table below to determine amperage of breaker. Boxes indicate length of heat run for a given temperature (˚F) and amperage. Ensure Thermal Magnetic Circuit Breakers are used.

Maximum Circuit Length (Ft.) by Start-up Temperature (°F) and Breaker Size (Amps)

Cable Rating	50°F Start-Up (Ft.) Circuit Breaker	10 A	15 A	20 A	25 A	30 A	40 A	0°F Start-Up (Ft.) Circuit Breaker	10 A	15 A	20 A	25 A	30 A	40 A	-20°F Start-Up (Ft.) Circuit Breaker	10 A	15 A	20 A	25 A	30 A	40 A
SRL3-1C		205	305	360	NR	NR	NR		135	200	270	330	360	NR		120	185	245	300	360	NR
SRL3-2C		400	600	660	NR	NR	NR		275	415	555	660	NR	NR		245	370	495	600	660	NR
SRL5-1C		125	185	250	270	NR	NR		90	135	180	225	270	NR		80	120	160	205	245	270
SRL5-2C		250	375	505	540	NR	NR		180	270	360	450	540	NR		160	245	325	405	490	540
SRL8-1C		100	150	200	215	NR	NR		70	110	145	180	215	NR		65	100	130	165	200	210
SRL8-2C		185	285	375	420	NR	NR		135	200	265	335	395	420		120	175	235	300	350	420
SRL10-1C		60	95	130	160	180	NR		50	80	105	130	155	180		45	70	95	120	140	180
SRL10-2C		100	160	210	260	315	360		80	125	170	210	255	340		75	120	160	195	240	320

Single Heat

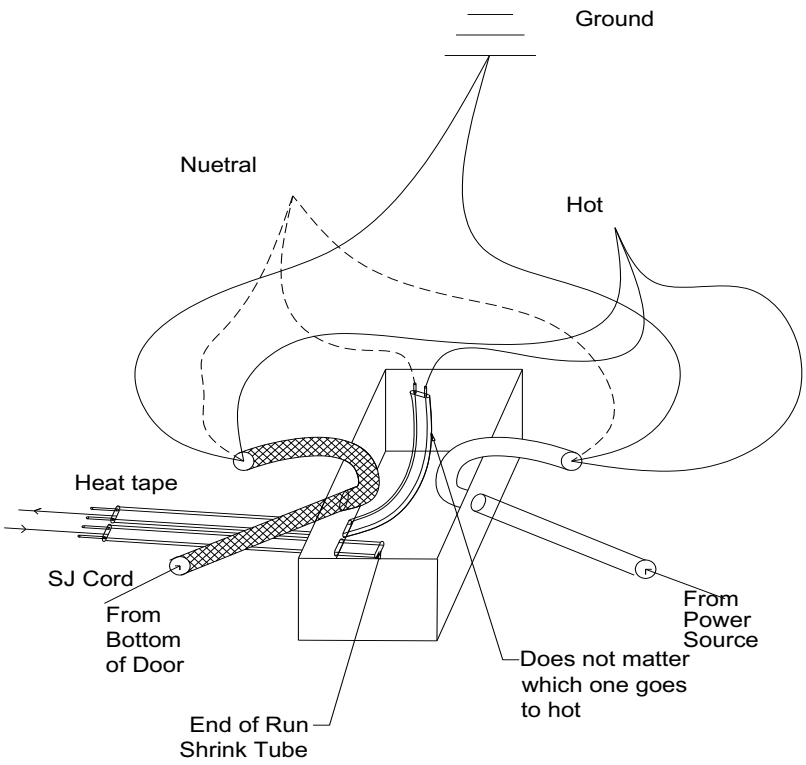
Dbl Heat

*Thermal magnetic circuit breakers are recommended since magnetic circuit breakers could "nuisance trip" at low temperature.
NR = Not Required. Maximum circuit length has been reached in a smaller breaker size.

Figure 2: Feet of Heat Tape for given Temperature (˚F) and Amperage

18. Heat traces are on three sides of the face casing under the heat cap and along the bottom of the door for flush sill style doors and on four sides under the heat cap on high sill style doors.
19. Connect the wires as shown in the diagram. It does not matter which lead of the heat tape goes to the load or the neutral incoming wiring. Depending on the sill style, you may have more heat wire coming into the box. Simply pig-tail one lead, from each heat tape, to the load side and the other to neutral. See Figure 3 below.

Figure 3: Heat Tape Electrical Connection



20. Heat should be felt along the heat covers in most cases. Depending on the startup temperature, it may feel luke-warm to the touch. It may take an hour or more to get the metal, surrounding the heat tape, warm enough to prevent ice build-up. Heat tape is not designed to melt ice, so-much-as prevent ice from forming.

    NOTE: The heater wire is used on freezer doors only and is self-regulating. In the event the heater wire is ever damaged or cut, it can be powered from both ends. This will result in only the damaged area not heating. Use a continuity tester, to make sure that the correct wires are together, to prevent a short if power is going to be fed from both ends.

Maintenance

Monthly Checklist

- ☐ Cycle door to insure proper fit and closure.
- ☐ Inspect door for proper alignment.
- ☐ Inspect door panel. Refinish damaged areas and replace damaged or loose trim parts.
- ☐ Inspect frame. Tighten installation fasteners where indicated.
- ☐ Inspect gaskets. Adjust or replace where indicated.
- ☐ Inspect hinges. Tighten fasteners. Replace broken or worn parts.
- ☐ Inspect latch and strike for tightness or damage. Replace damaged or worn parts.
- ☐ Adjust strike adjusting bolt in order to maintain proper seal around door, and pull handle
- ☐ Inspect inside safety release mechanism, if equipped. Replace if damaged or broken.
- ☐ If equipped, inspect heater wire cover around door frame perimeter. Replace damaged or worn parts. Note: Ice buildup between door gasket and door frame can indicate a variety of different problems. Not sealing off the air flow is the biggest potential problem to fix first. Once air flow has been sealed, check the incoming power, check the resistance, and replace the heat tape if necessary.

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Standard Infit Parts List

See your shop drawings for additional part descriptions for non-standard parts

Part #	Description
301-004	S/S Hybrid Face Casing, as specified on Purchase Order
301-005	S/S Hybrid Jambs, as specified on Purchase Order
301-006	S/S Hybrid Backtrim, as specified on Purchase Order
	OR
301-001	S/S Non-wood Face Casing, as specified on Purchase Order
301-002	S/S Non-wood Jambs, as specified on Purchase Order
301-003	S/S Non-wood Backtrim, as specified on Purchase Order
100-325	1240 CAM-RISE REVS. HINGE, HINGE BRT. ANODITE, 1-3/8" OFFSET, KASON
	OR
100-326.5	1245 CAM-LIFT REVS. HINGE, CHROME, 1-1/2” OFFSET, KASON
100-323	LATCH, KASON 56 SERIES, SAFEGUARD BODY CHR., STD. SPRING
100-322	STRIKE CHROME, KASON 56 SERIES LATCH, 3/4" to 1-1/2"
100-569	ISR for 56 Latch-Fiberglass Rod, Kason
100-355DB	GASKET, DOUBLE BUBBLE, COMPRESSION, BLACK (FS for FLUSH SILL or HS for HIGH SILL)
100-408HD	2' x 1/16' Rubber Gasket, Smooth Finish, Nylon Insert, for bottom sweep
100-595	BOTTOM GASKET BLOCK, HDPE THICKNESS OF DOOR x WIC, wrap gasket around
100-129	TRIM-- BACK BOTTOM GASKET RETAINER STRIP holds sweep gasket in place on back side
100-128	TRIM-FRONT BOTTOM 4-3/4' S/S GASKET RETAINER STRIP, holds sweep gasket in place on front side
100-500	MULTI PURPOSE OUTLET BOX THREE - 1/2' HOLES WITH, MOUNTING LUGS – For Freezers only
100-073	COVER--PNEUMATIC SWITCH CONTROL BOX COVER W/HOLES – For Freezers only
100-448	STRAIGHT CONDUIT CONNECTOR – For Freezers only
100-465	SERVICE CORD, TYPE SJ0, 16-3 BLACK RUBBER JACKET, – For Freezers only
100-403	HEATER WIRE, BLACK, STW-5-1, 5W/FT 120 V., SELF REGULATING– For Freezers only
100-693SS	BOTTOM GASKET BLK COVER-S/S – For Freezers only
100-929	Header Caps