



INSTALLATION GUIDE

Laundry Jet Plus

April 2022

Version 4.0 Revision 0.1

*Rev 8 Units for Use with **ISense Ports***

*Laundry Jet
2001 Challenger Avenue
Oroville, CA 95965*





Document Revisions

Date	Version Number	Document Changes
4/12/2017	1.0 Rev 0.1	Plus Jet Pack Installation Guide - Rev 3 Units
7/21/2017	1.0 Rev 0.2	Plus Jet Pack Installation Guide - Rev 3 Units
5/4/2020	2.1 Rev 1.0	Plus Jet Pack Installation Guide - Rev 4 Units
6/17/2021	2.1 Rev 2.0	Plus Jet Pack Installation Guide - Rev 6 Units
12/21/2021	3.0 Rev 0.1	Plus Jet Pack Installation Guide - Rev 7 Units
4/12/2022	4.0 Rev 0.1	Plus Jet Pack Installation Guide - Rev 8 Units

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1 Introduction

The Laundry Jet installation is comprised of three elements:

- Laundry Jet Ports mounted in bedrooms, dressing rooms or bathrooms
- The laundry room Wall mounted or Cabinet Mount Vacuum Unit
- The PVC pipe and fittings that connect the ports to the laundry room through the attic space

Vacuum Laundry Pipe

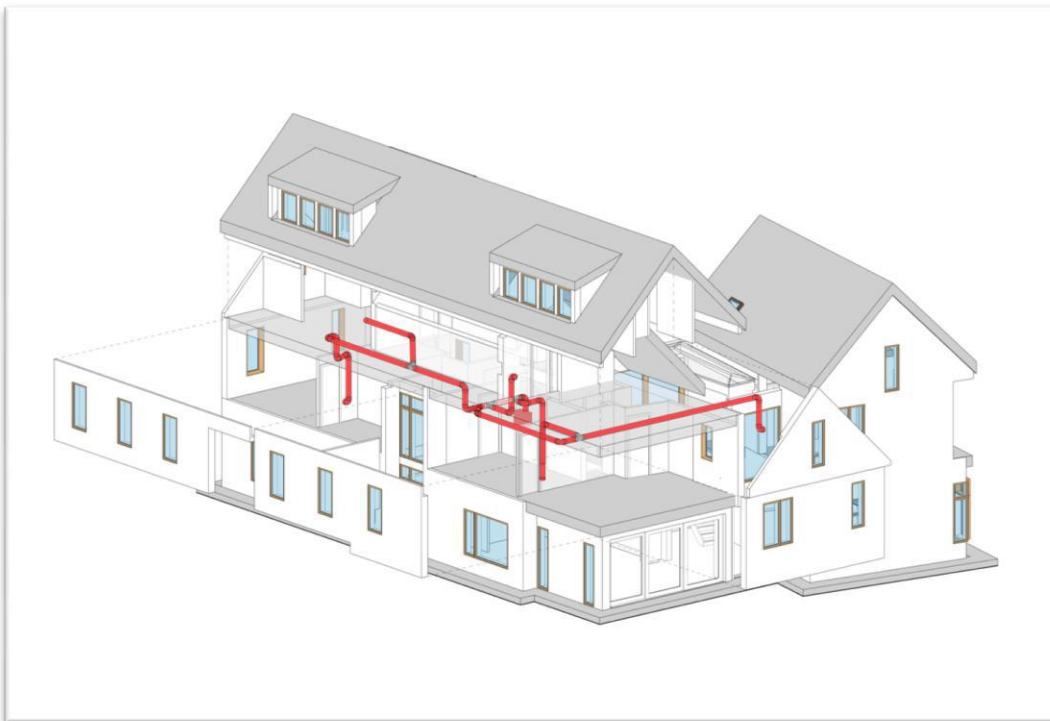
Laundry Jet specifies 6" SDR35 White Solvent Weld PVC pipe and fittings. This piping is light weight to make install quick and easy.

PVC piping is designed to have a smooth transition in between fittings and connections which ensures that clothing, bedding and towels will travel smoothly to the laundry room.

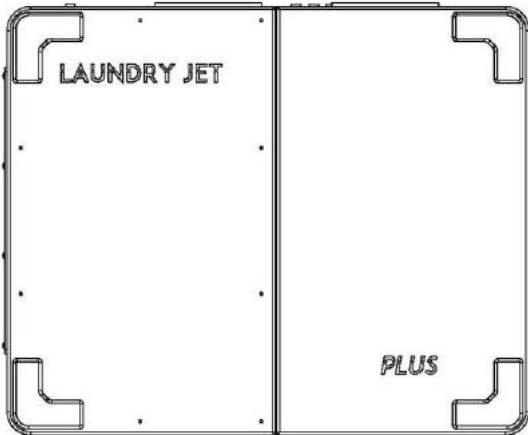
Pipe & Fittings

6" SDR35 White Solvent Weld PVC pipe 10' x 6"

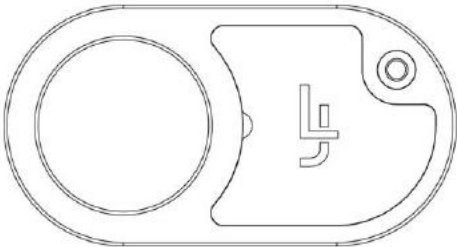
All Fittings are 6" SDR35 White Solvent Weld



2 Contents



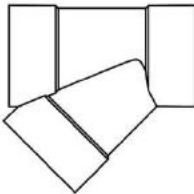
Laundry Jet Plus Jet Pack



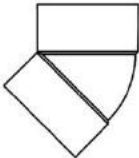
I Sense Port

Pipe Components

All Fittings are 6" SDR35 White Solvent Weld



6 Inch Wye



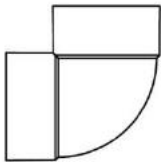
6 Inch 45° Elbow



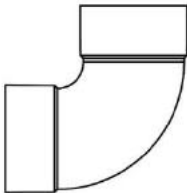
6 Inch Coupler



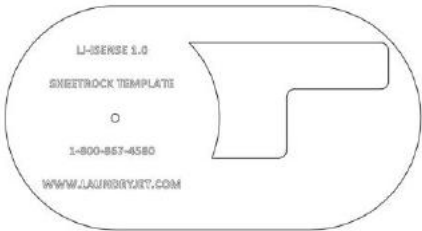
6 Inch Cleanout



6 Inch 90°



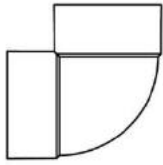
6 Inch Swept 90°



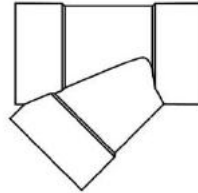
I Sense Sheetrock Template

3 Pipe Installation Overview

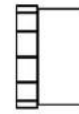
Components



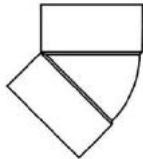
Port 90 Assembly Adapter



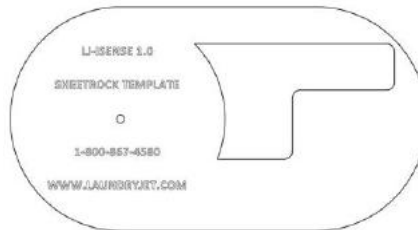
6 Inch Wye



6 Inch Cleanout



6 Inch 45° Elbow



ISense Sheetrock Template

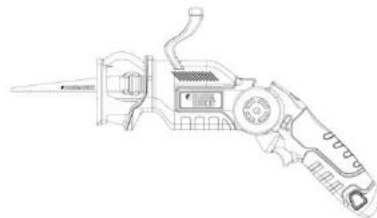


Cable Bundle

Tools



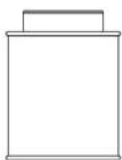
Cordless Drill



Sawzall



Tape Measure



Clear 2 Part PVC Glue



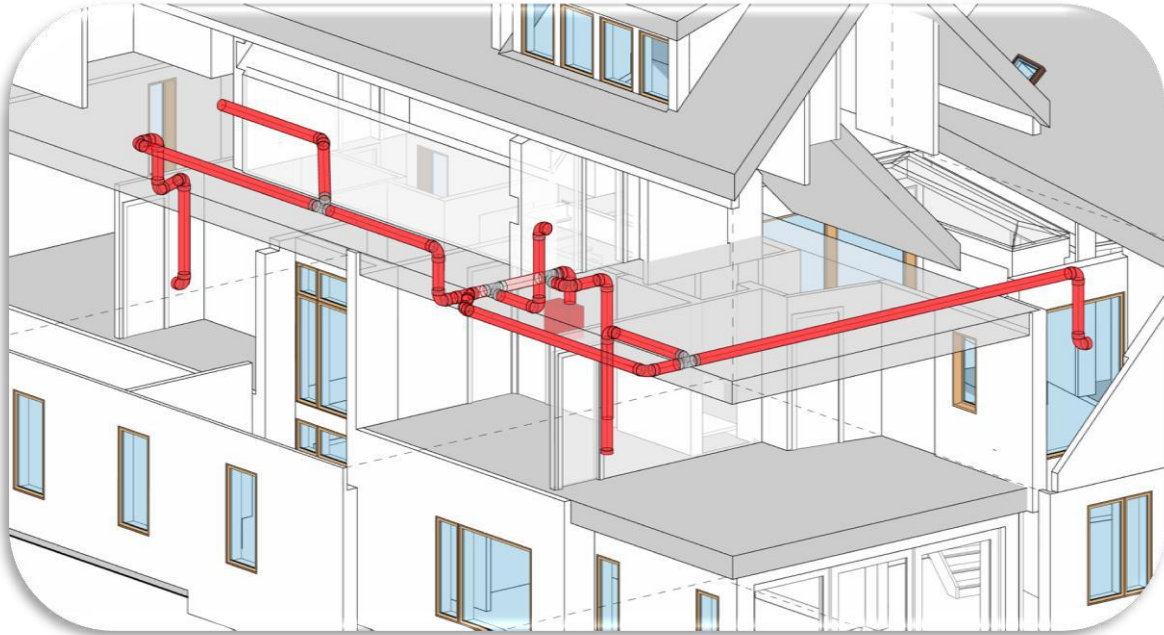
1" Wood Screw



Plumber's Metal Strapping Tape

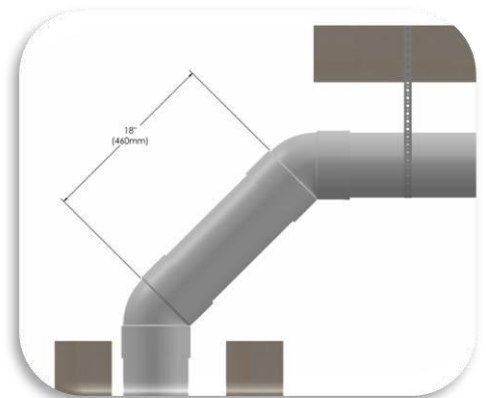
3.1 Pipe Installation Overview

Pipe Installation Standards

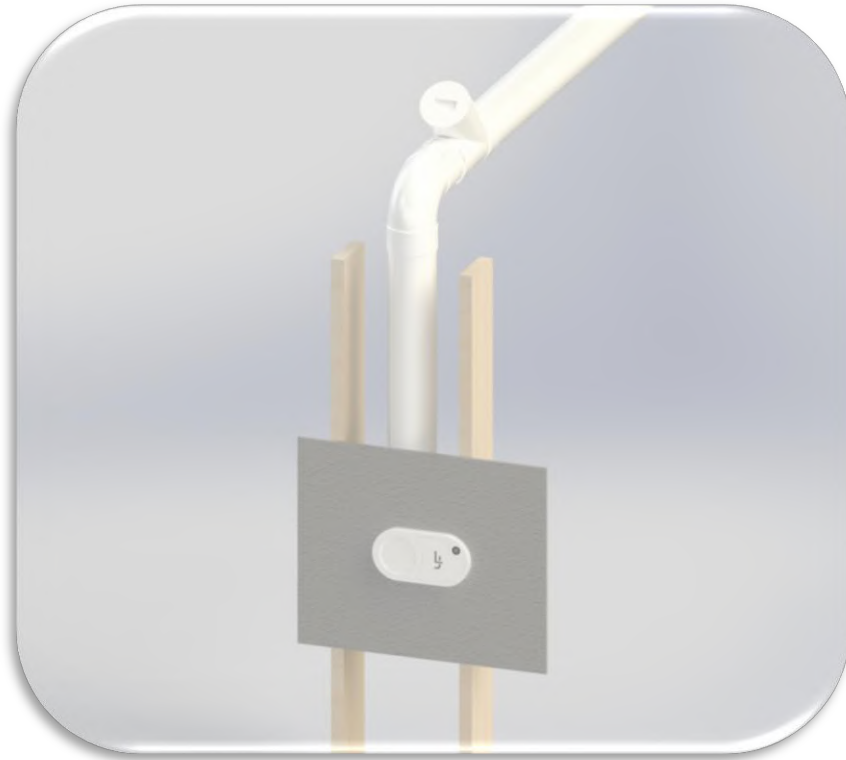


Required Piping Installation Standards

- All joints must use a minimum entry angle of 45 degrees with a break distance of 18 Inches (460 MM). See Image below.
- Pipe cuts must be straight and de burred before seating.
- Pipe must be completely seated in fitting connections.
- Seal all joints using standard PVC glue. Connections must be glued around 360 degrees to ensure maximum system performance.
- System must be strapped with “plumbers tape” (or equivalent) every 6 feet. Port 90 must be strapped and secured prior to Port installation.
- Install Cleanout ports every 50 feet on angled runs. Straight trunk lines can run up to 100 feet with cleanouts at either end.



3.2 Pipe Installation Overview



Port Drop Installation

- Mount port 90 using the Port 90 Mount Bracket. See Page 11 for Port 90 Installation. Use a standard SDR 6" Swept 90 for your Port Drop Installation. Block and strap drop line at midway point



3.3 Pipe Installation Overview



Port 90 Installation

- Port 90 must be installed with front face of Port 90 flush with the finished face of interior wall.
- Port 90 must be installed on a plum horizontal port drop line.
- Use the Port 90 Mount Bracket to align and secure the Port 90 to the frame (unless a remodel)

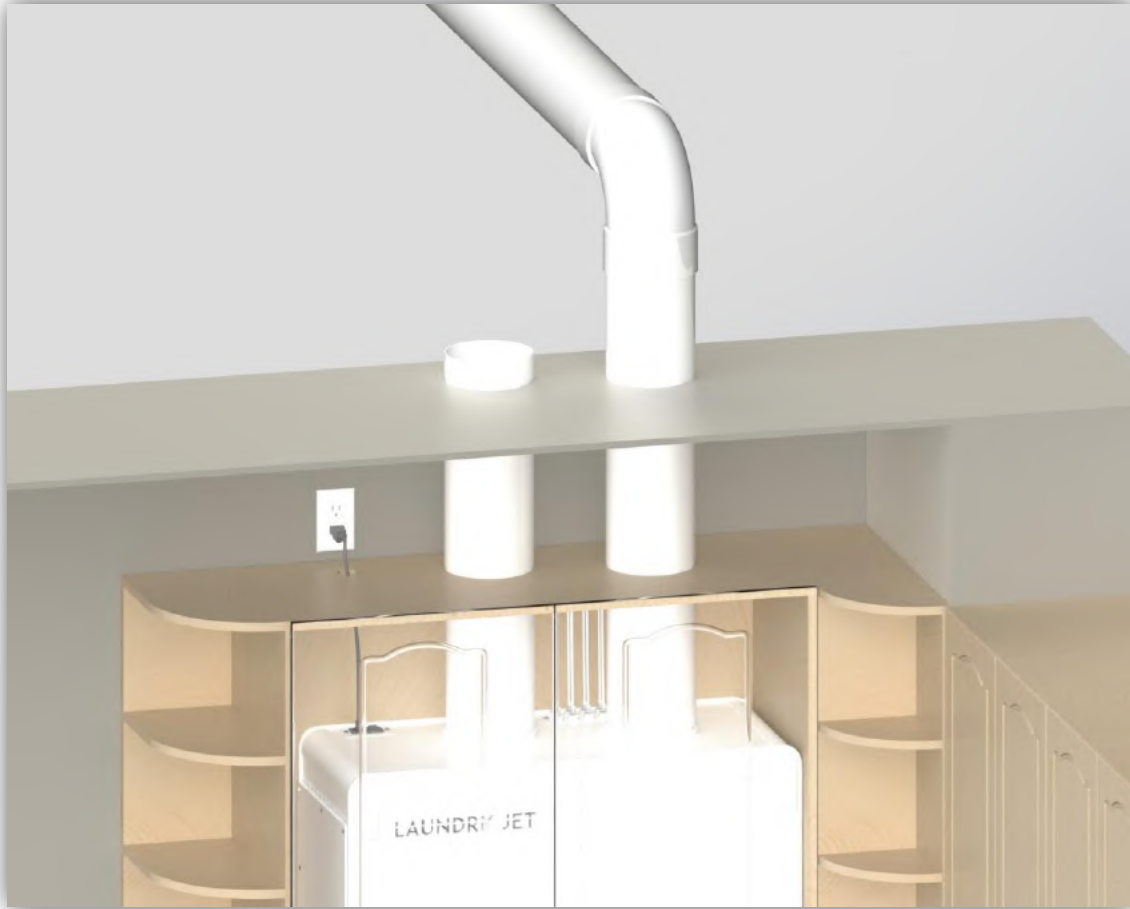


Pipe Mount Bracket



1" Wood Screw

3.4 Pipe Installation Overview

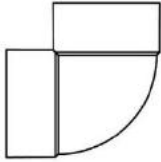


Plus Jet Pack Pipe Drop

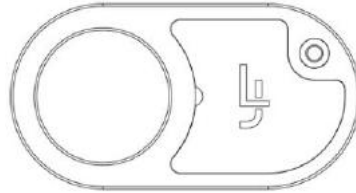
- Install a standard swept 90 drop to each port using a swept 90 elbow.
- Strap pipe at attic to ceiling transition.

4 ISense Port Installation

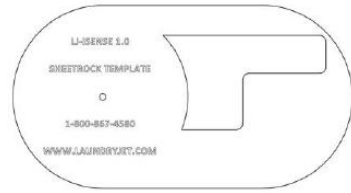
Components



Port 90



ISense Port



ISense Sheetrock Template



Pipe Mount Bracket

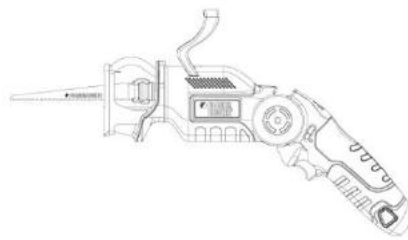


1" Wood Screw

Tools



Stud Finder



Sawzall



Screw Driver

4.1 Step 1 - Port 90 Mount Bracket



Port 90 Mount Bracket

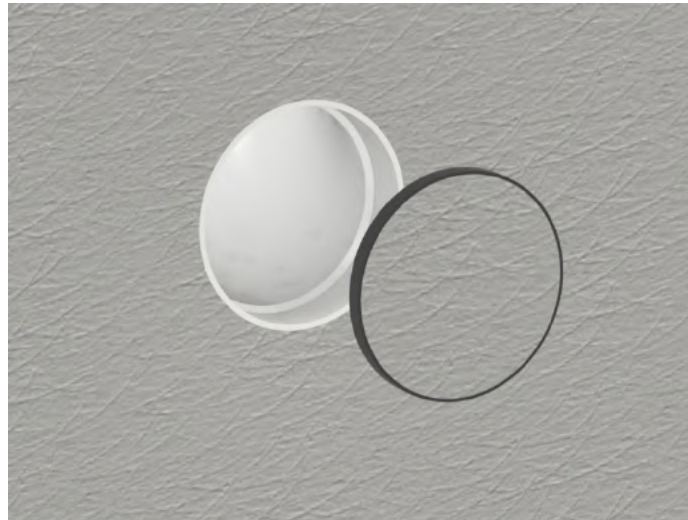
- Use the Port 90 Mount Bracket to align and secure the Port 90 to the frame
- Set Port height
- Attach 2 pipe clamps
- Set elevation screws
- **Do not install Ports behind doors**



4.2 Step 2 - ISense Sheetrock Template

Sheetrock Template

- Install sheetrock over the Port 90 Mount Bracket
- Trim around outside edge of the Port 90 and remove material



- Position the round portion on the back of the template into the Port 90
- Using a level use the top horizontal edge to level the template
- Trace around the inside edge of the cutout on the template onto the sheetrock
- Cut and remove this section



4.3 Step 3 - ISense Port Assembly



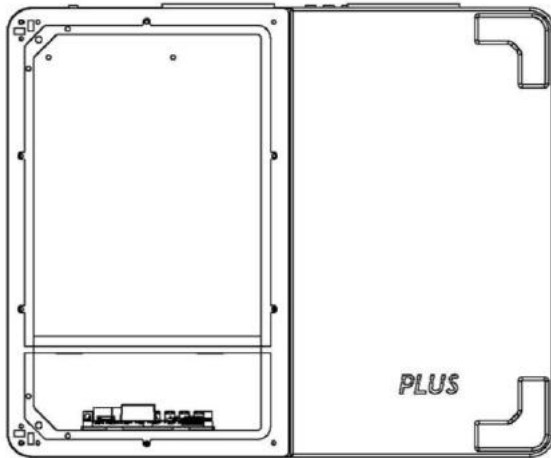
ISense Port Assembly

- Connect RJ45 male connector to female connector on back of port
- Remove the front logo plate and position the Port into place
- Align Port for final adjustment using a level
- Attach port using (3) sheetrock screws. For proper door function, the screws must be flush.
- Reattach the front logo plate

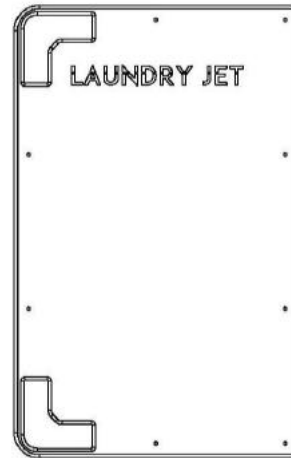


5 Plus Jet Pack Installation

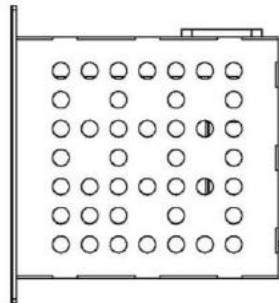
Components



Plus Jet Pack Housing



Plus Jet Pack Front Panel



Plus Jet Pack Blower Pod



4" Square Connector

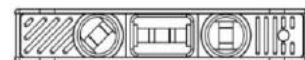
Tools



Cordless Drill

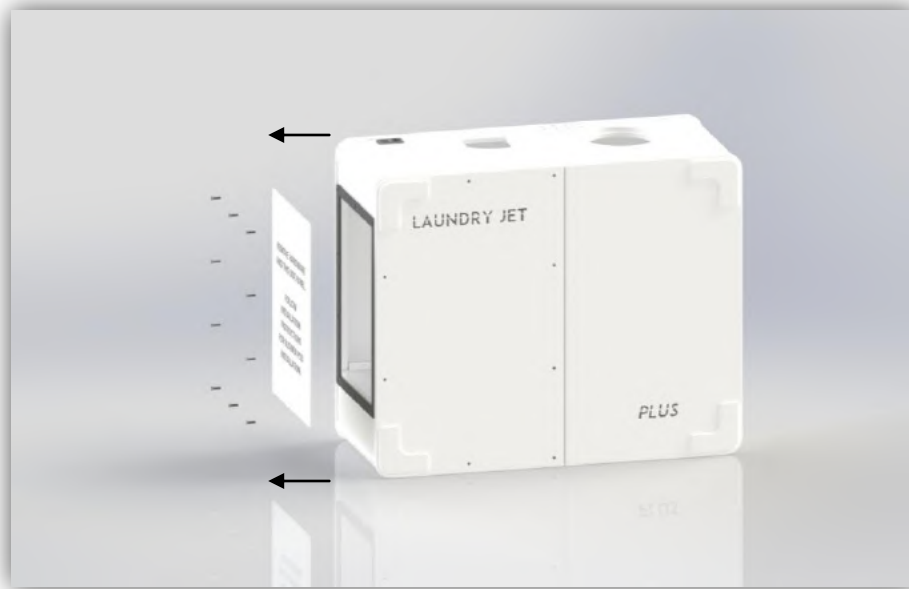


Stud Finder



Level

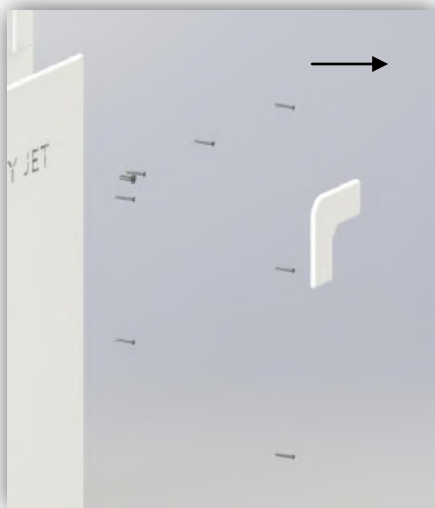
5.1 Plus Jet Pack Installation



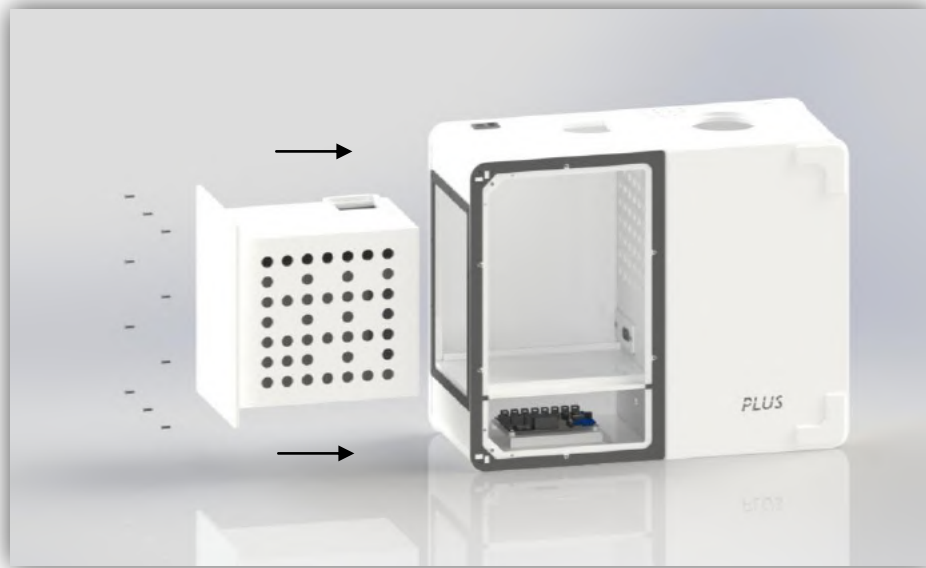
Blower Pod Installation

The Plus Blower Pod must be installed prior to installation of the unit in the cabinet.

- Remove the ten 10-32 screws from the left side of the unit and remove temporary cardboard/wooden stabilizing plate.
- Using a flathead screw driver, carefully remove the two left side magnetic cover plates. Remove the two 1/4-20 screws and the twelve 6-32 screws. Remove the front panel of the Plus Unit.

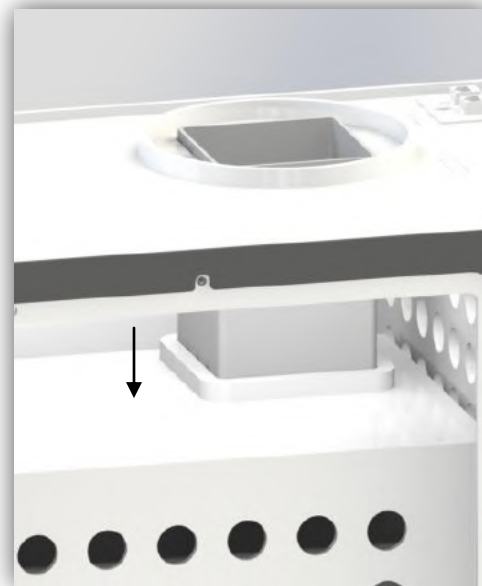


5.2 Plus Jet Pack Installation

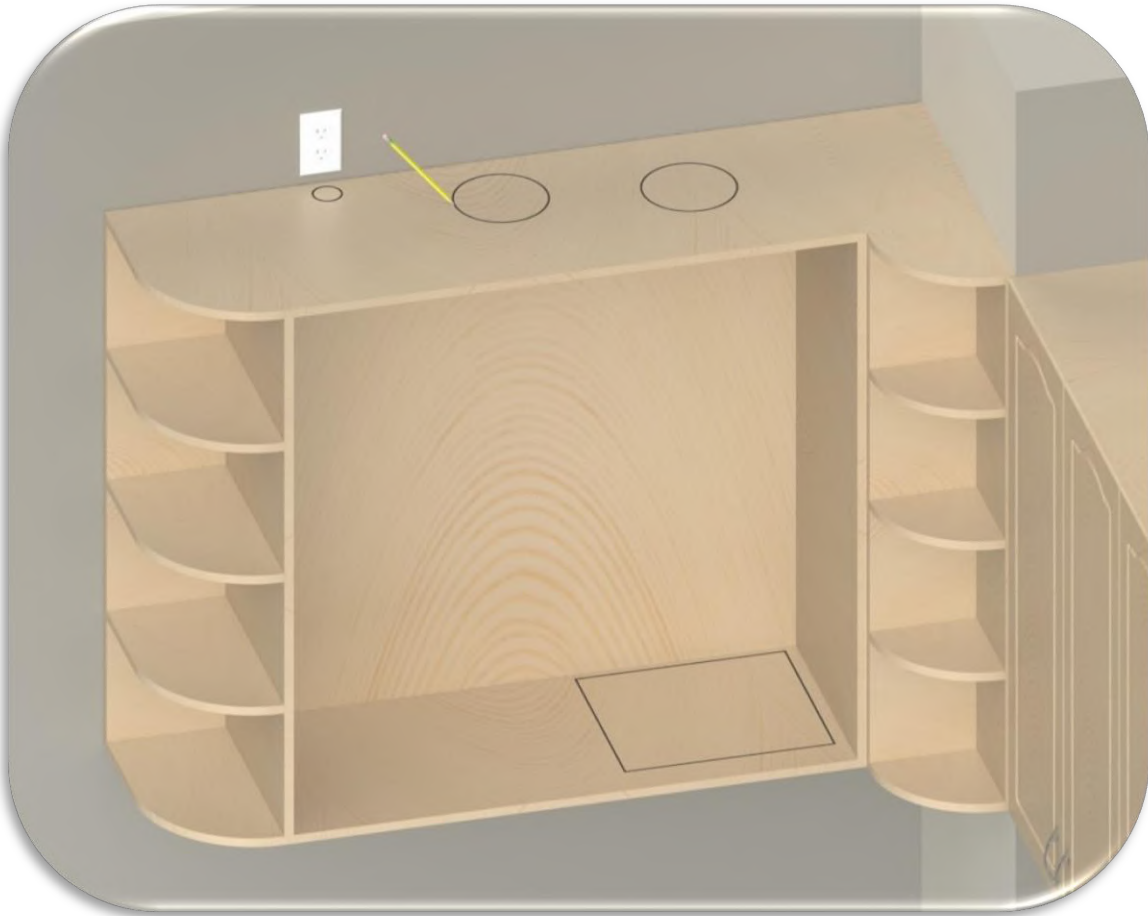


Blower Pod Installation

- Align and position the blower pod between guide rails and slide into the unit until fully seated. Reinstall the ten 10-32 screws.
- Install the 4" Square Connector thru the square cutout in the unit, and into the square flange of the Blower Pod. Ensure that the connector is fully seated and flush with the top face of the blower pod.



5.3 Plus Jet Pack Installation



Step 1

- Modify the Custom cabinet to accommodate the Plus Cabinet. Using the provided drawings in Section 7, use appropriate tooling to remove the necessary material from the cabinet.

5.4 Plus Jet Pack Installation



Step 2

- If possible, provide the Installation spec to the cabinet maker ahead of build. Please reference Section 7 for Engineering Prints.

5.5 Plus Jet Pack Installation



Step 3

- Locate the Plus Cabinet into the custom cabinet with the Plus Cabinet oriented to the right until it sits flush with the right side face of the custom cabinet.

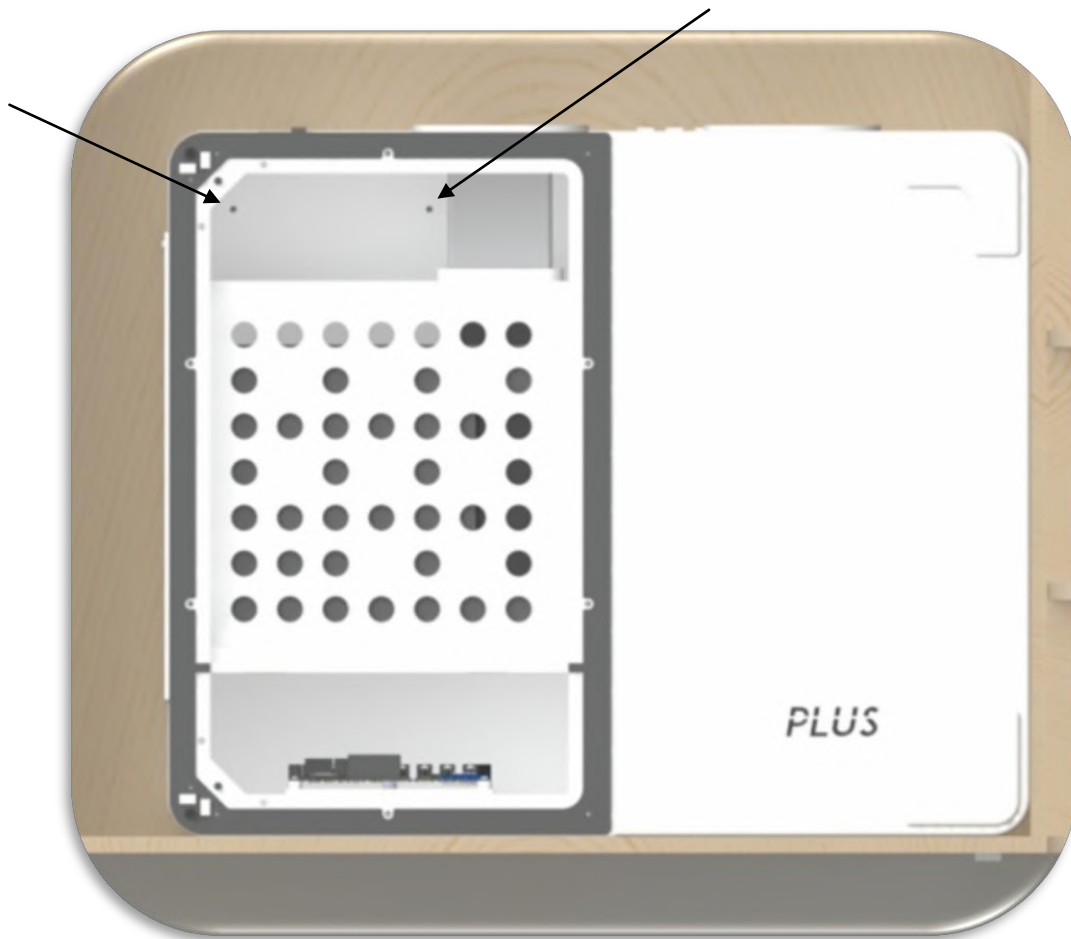
5.6 Plus Jet Pack Installation



Step 4

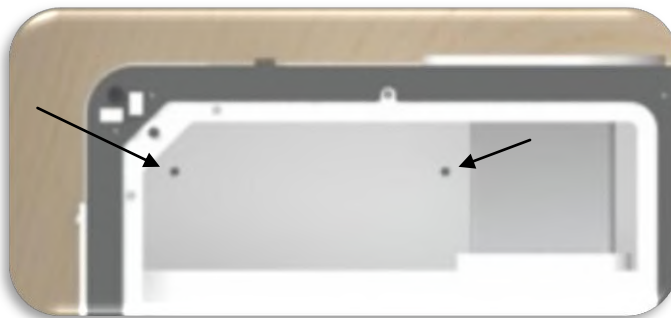
- Using a level ensure that the Plus Cabinet is level and to the back and right of the cabinet. In 4 places using provided hardware, set the 4 set screws that fix the right face of the Plus Cabinet to the custom cabinet. (Note, this area is only accessible from the bottom right chute access)

5.7 Plus Jet Pack Installation

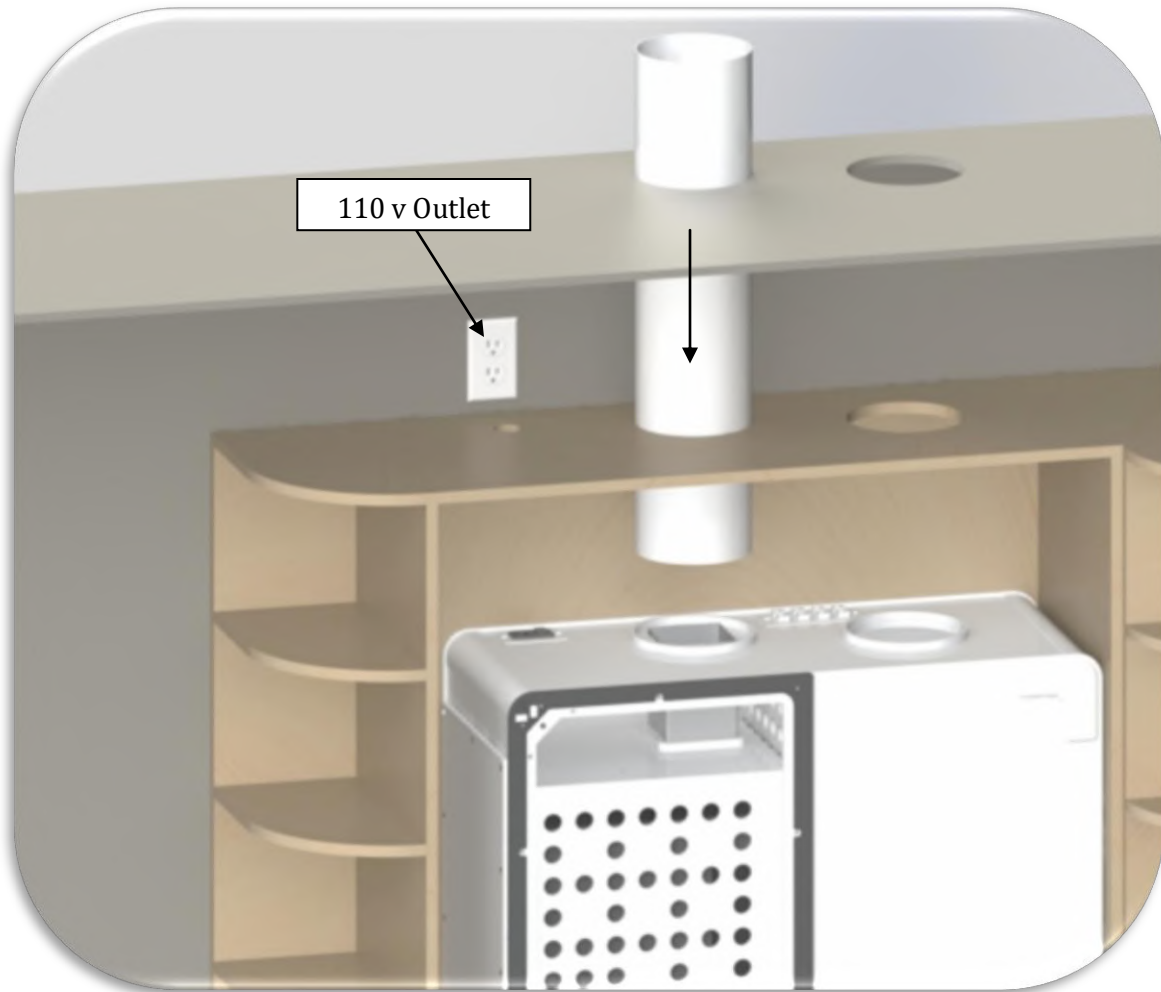


Step 5

- Set 2 set screws through the back wall of the Plus Cabinet into the custom cabinet.



5.8 Plus Jet Pack Installation



Step 6

- Cut out a section of 6" SDR 35 pipe so that it sits either flush or above the top of the cabinet or extends through the ceiling. Use a window sealer to seal between the pipe penetration and the custom cabinet.

5.9 Plus Jet Pack Installation



Step 7

- Connect the trunk line to the Vac Chamber flange. Bond in place ensuring a tight supply seal.

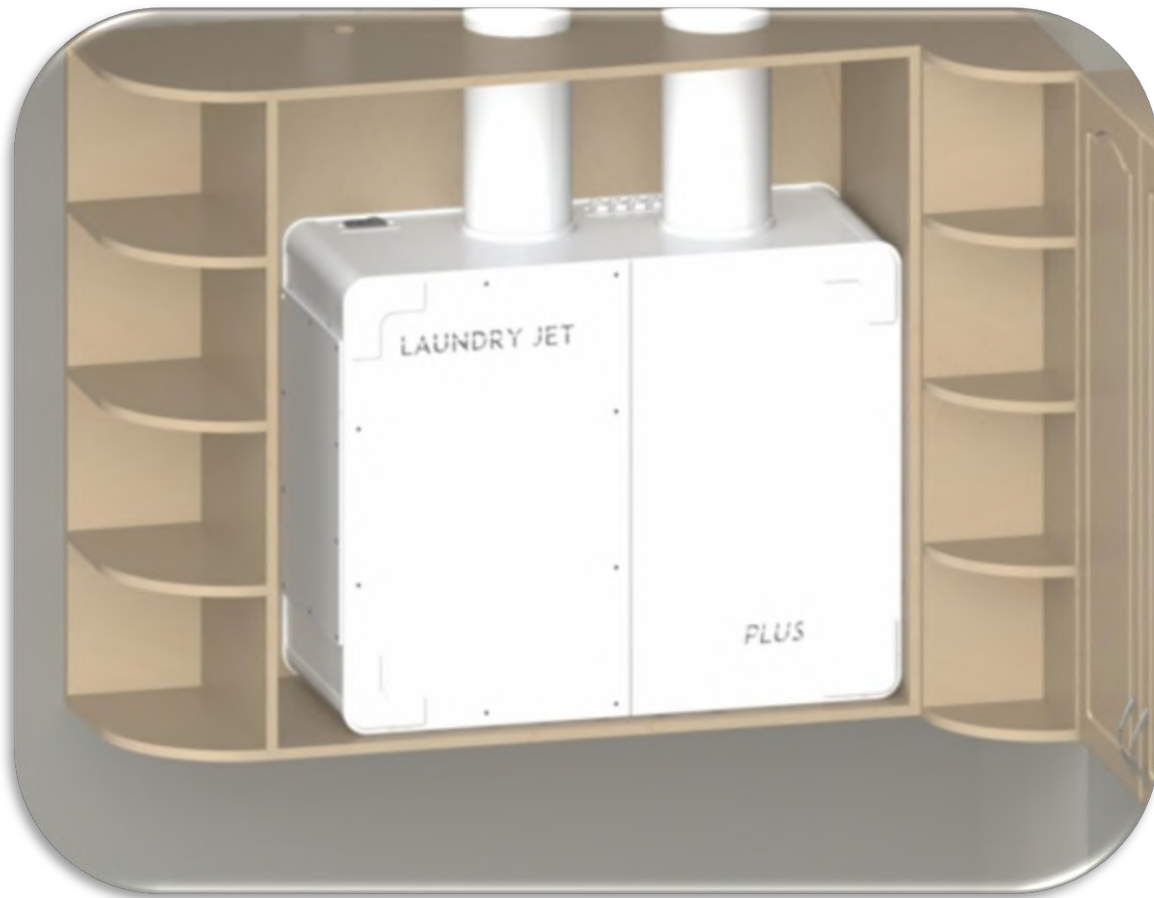
5.10 Plus Jet Pack Installation



Step 8

- Attach main front panel. Prior to attaching the panel, make sure the seal material is in good shape and has not been pulled off or torn during the installation process. Attach panel using the provided hardware. Reinstall the two magnetic cover plates.

5.11 Plus Jet Pack Installation



Step 9

- Test the discharge port door. Make sure that the door moves freely without drag as it cycles open and close.
- Open & close cabinet doors to make sure they have adequate clearance to open and close freely. There is no need for a seal here as the Plus Cabinet is a sealed system.

5.12 Plus Jet Pack Installation



Step 10

- Test all RJ45 connections prior to the next step (T568B)
- Ensure that the Jet Pack is not plugged in.
- Connect all the RJ45 cables as shown above.
- Make sure all ISense Ports are fitted and properly connected and ready to run
- Plug in your Jet Pack unit to the appropriate power supply
- Proceed to verify proper operation of ISense ports

6 Warranty

Lifetime Limited Warranty

Laundry Jet is protected by a 3 year limited lifetime warranty. This warranty is valid from the date of purchase, for as long as you are the original owner, the system remains at its original place of installation and as long as the warranty form has been completed and submitted on our website: <http://www.laundryjet.com/warranty>

- Metal body of the Laundry Jet Units.
- Laundry Jet Posiflo Power unit • Ports
- Digital Control Board

THIS IS THE SOLE AND EXCLUSIVE WARRANTY OF LIFE FLOW LLC – LAUNDRY JET. IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION OF LIMITED WARRANTY PERIOD.

Should any defect in material or workmanship appear within the time of the above warranty, the selling Laundry Jet Dealer should be contacted in the first instance. The Dealer shall repair or replace (at Laundry Jet's sole option), or credit, such part or parts in accordance with the applicable warranty period stated above. Lifeflow, LLC – Laundry Jet shall not be responsible for such service unless provided by an authorized Laundry Jet Dealer utilizing authentic Laundry Jet replacement parts.

This warranty does not apply to loss or damage resulting from (at Laundry Jet's sole discretion) normal wear and tear, vacuum of drywall dust, neglect, abuse acts of God, accidents, improper installation, improper modification or alteration, improper use and operation or failure to provide proper maintenance.

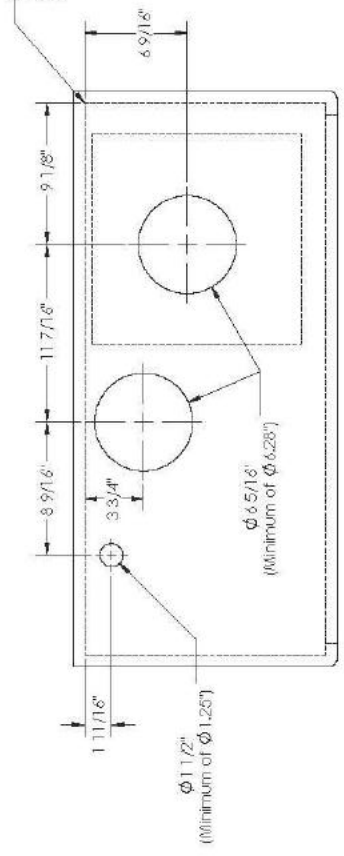
Some countries, states or provinces do not allow exclusion of warranties or limitations of damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may have additional rights, which vary from State to State, or Province to Province. This limited warranty applies to USA and Canada installations only. For specific warranty information for your Country, consult your authorized Laundry Jet Dealer.

Other warranties apply to other parts of this equipment and optional accessories. Please contact the material accompanying the individual items.

LIFEFLOW, LLC – LAUNDRY JET, SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES ARISING FROM THE USE OF THIS SYSTEM.

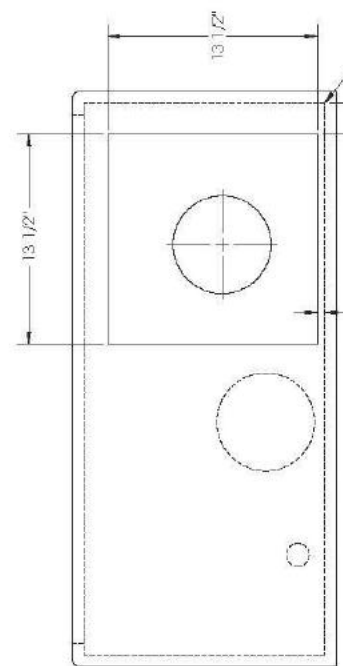
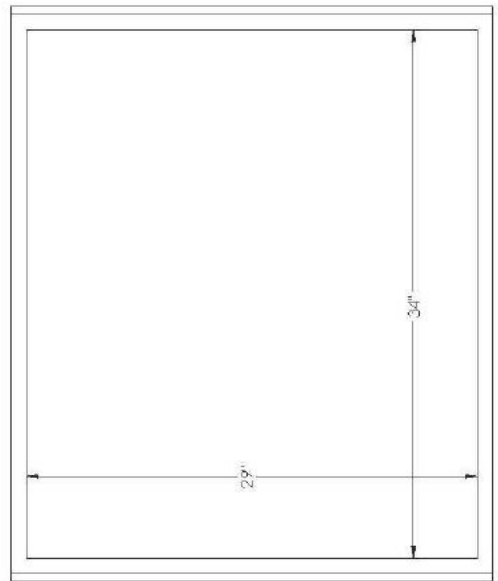
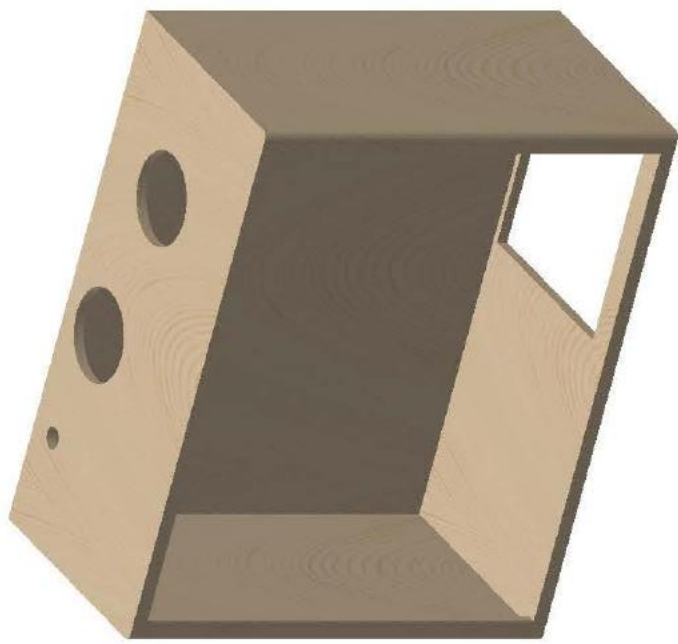
Extended warranties are available at the time of purchase





Orientation of all cutouts originate from inside right wall of cabinet. Insert Jet Pack is mounted flush with the right wall and back wall of cabinet.

Cabinet Cutout Detail



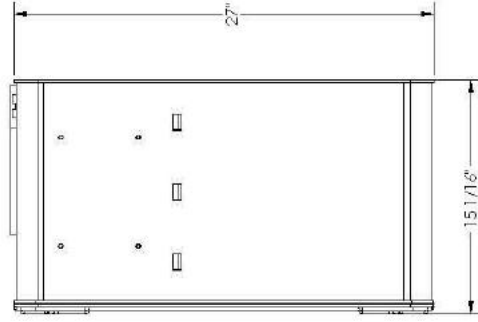
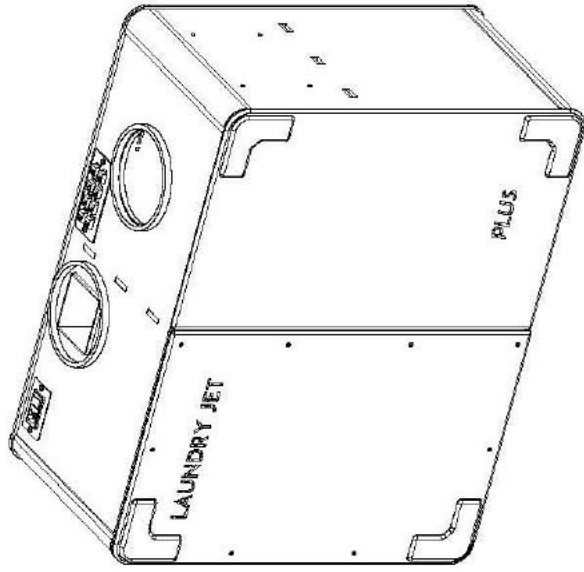
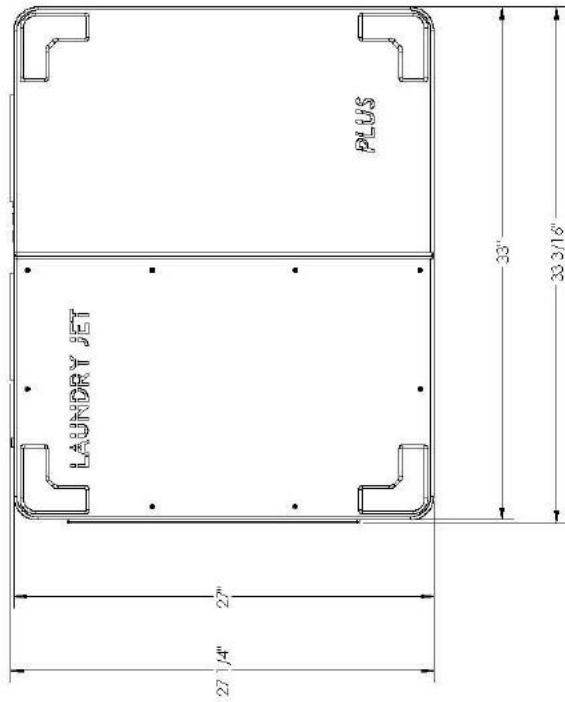
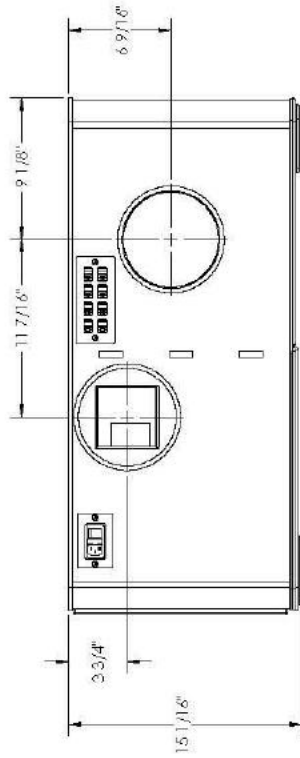
Orientation of all cutouts originate from inside right wall of cabinet. Insert Jet Pack is mounted flush with the right wall and back wall of cabinet.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	CW	3.24.22
TOLERANCES	CHECKED	DH	3.24.22
FRACTIONAL DIMENSIONS - 1/16" TO 1/8" - THREE PLACE DECIMAL ±	ENG. APPR.	DH	3.24.22
TWO PLACE DECIMAL DIMENSIONS - THREE PLACE DECIMAL ±	MFG. APPR.		
	Q. A.		
	CUSTOMER:		
MATERIAL		SIZE	DWG. NO.
FINISH		A	Plus Insert Jet Pack Engineering Prints
DO NOT SCALE DRAWING		SCALE	1:16
		REV	8
		PUP-SHEET	8
		WEIGHT	SHEET 4 OF 4

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LAUNDRY JET

Plus Insert Jet Pack
 Engineering Prints



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONALS ±0.015
 DECIMALS ±0.005
 DIMENSIONS TO BE HIDDEN IN
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

NAME	DATE
DRAWN CW	3.24.22
CHECKED DH	3.24.22
ENG APPR. DH	3.24.22
MFG APPR.	
Q.A.	
CUSTOMER:	

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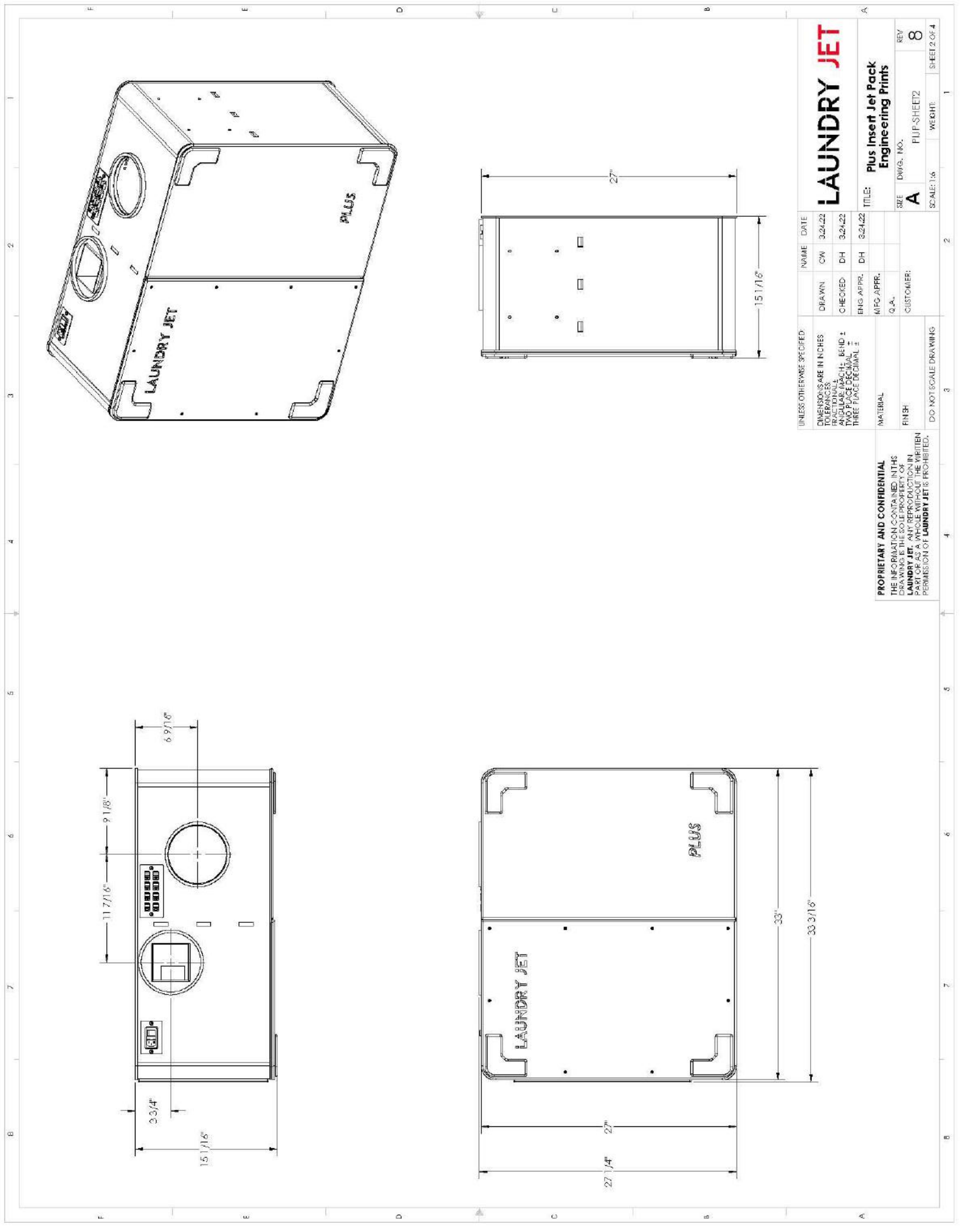
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 DO NOT SCALE DRAWING

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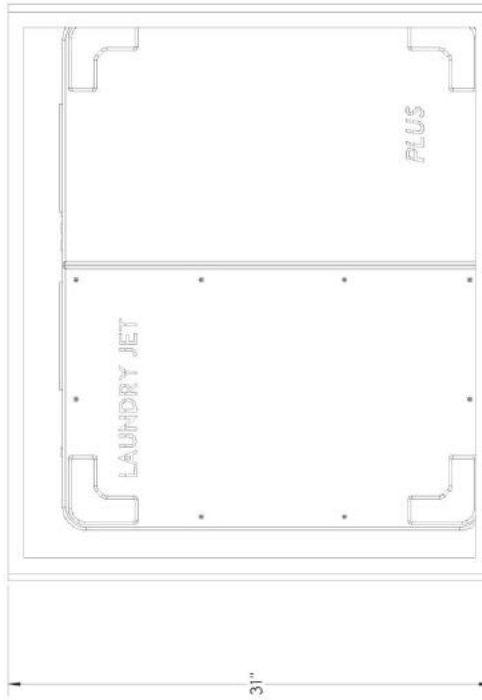
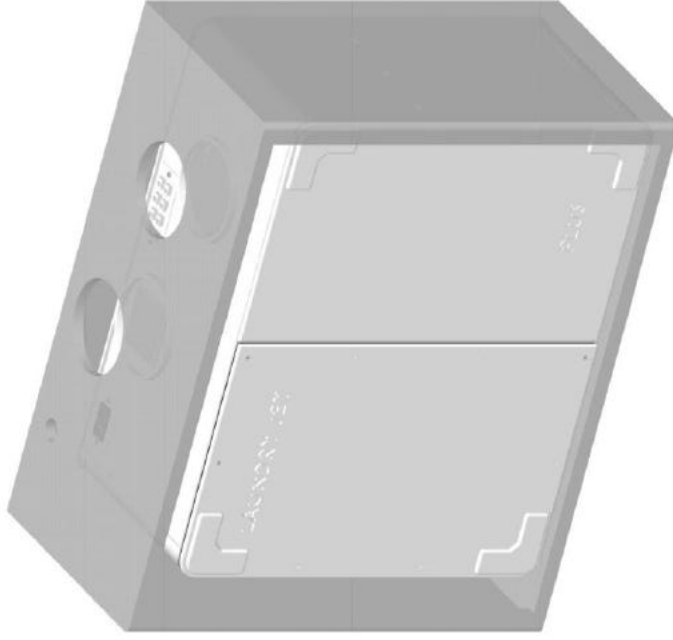
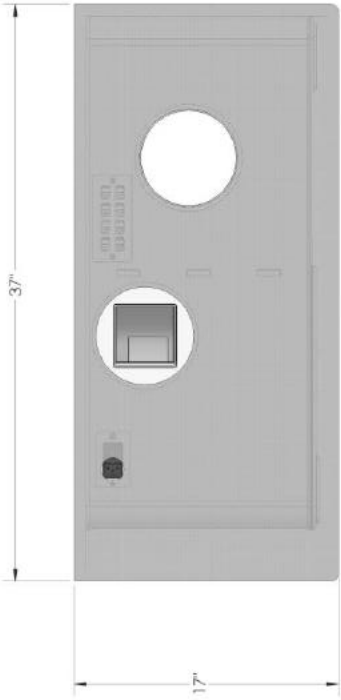
SCALE: 1:6 WEIGHT: SHEET 2 OF 4

LAUNDRY JET

Plus Insert Jet Pack
 Engineering Prints



Plus Insert Cabinet Detail



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±0.005
DECIMAL: ±0.005
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005

NAME	DATE
DRAWN CW	3/24/22
CHECKED DH	3/24/22
ENG APPR. DH	3/24/22
MFG APPR.	
Q.A.	
CUSTOMER:	

LAUNDRY JET

**Plus Insert Jet Pack
Engineering Prints**

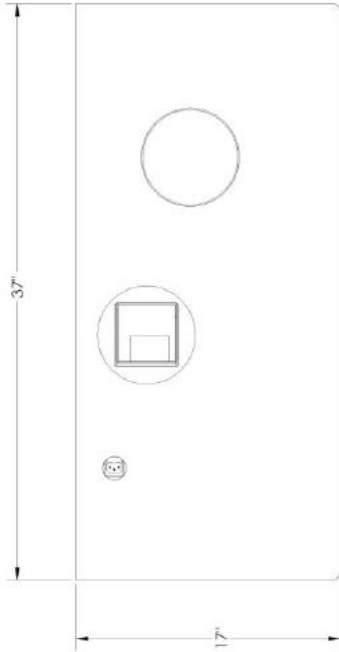
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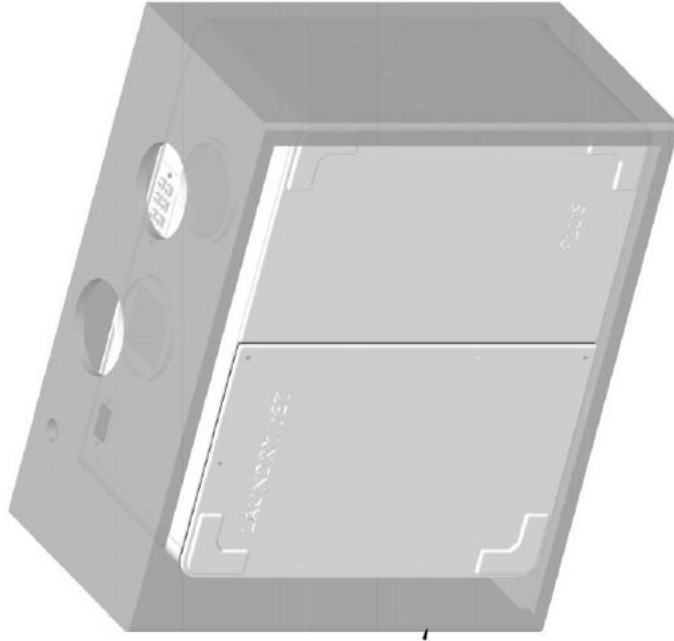
DO NOT SCALE DRAWING

SHEET 3 OF 4

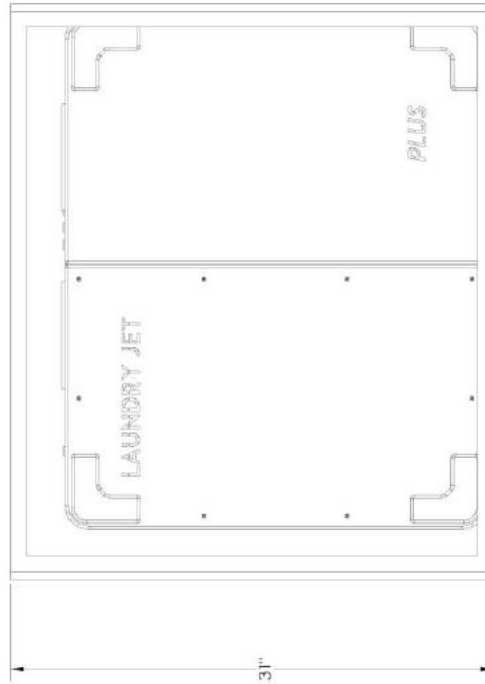
Defined Spacing is minimum requirement for insertion of the Insert Jet Pack Assembly. It is recommended that additional spacing be allowed for easy installation where possible.



Plus Insert Cabinet Detail



Cabinet can be finished using a typical single door or double door styles.



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL: ±0.125
 DECIMAL: ±0.005
 HOLE DIA: ±0.010
 HOLE LOC: ±0.010
 THREE PLACE DECIMAL: ±0.005

NAME	DATE
DRAWN CW	3.24.22
CHECKED DH	3.24.22
ENG APPR. DH	3.24.22
MFG APPR.	
Q.A.	
CUSTOMER:	

TITLE:	SCALE:	WEIGHT:
Plus Insert Jet Pack Engineering Prints	1:6	

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LAUNDRY JET

SIZE	DWG. NO.	REV
A	PUP-SHEET4	8

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