



INSTALLATION GUIDE

Laundry Jet Plus

June 2021

Version 2.1 Revision 2.0

Rev 6 Units for Use with ISlide 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

Table of Contents

1	Introduction	5
2	Contents	6
3	Pipe Installation Overview	7-10
	3 - Components & Tools	7
	3.1 - Pipe Installation Standards	8
	3.2 - Port Drop Installation	19
	3.3 - Port 90 Installation	10
	3.4 - Swift Jet Pack Pipe Drop	11
4	ISlide Port Installation	12-15
	4 - Components & Tools	12
	4.1 - Port 90 Mount Bracket	13
	4.2 - ISlide Sheetrock Template	14
	4.3 - ISlide Port Installation	15
5	Plus Jet Pack Installation	16-26
	5 - Components & Tools	16
	5.1 - Jet Pack Installation	17-26
6	Warranty	27
7	Engineering Prints	28-31

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

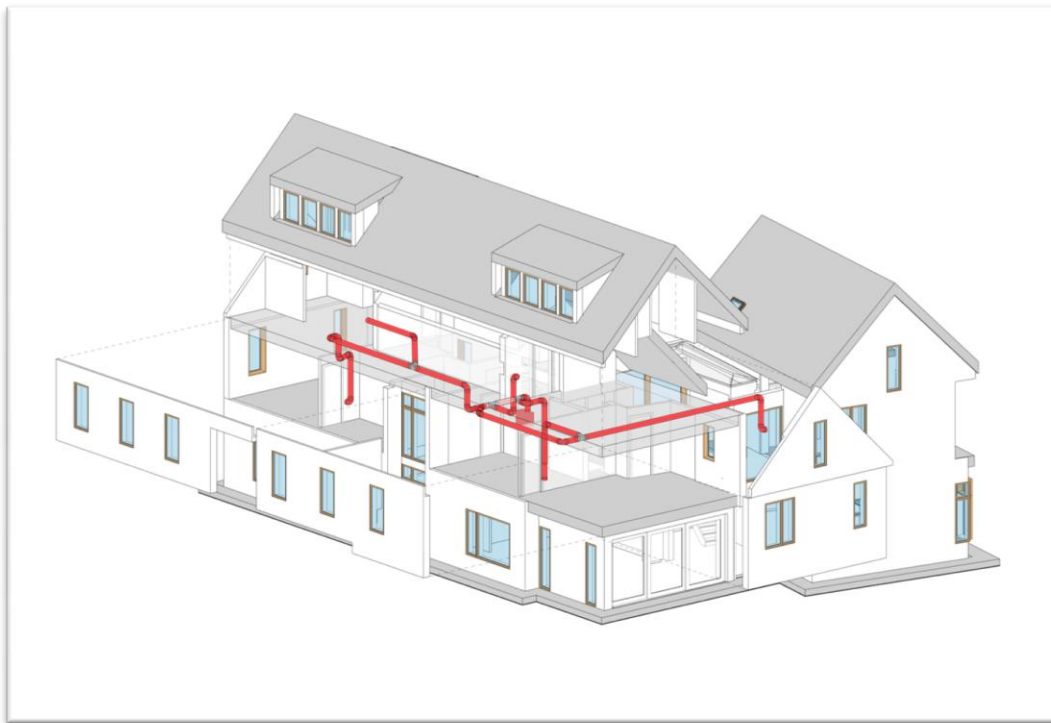
Laundry Jet specifies 6" SDR35 White Solvent Weld PVC pipe and fittings. This piping is light weight to make install quick and easy.

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.

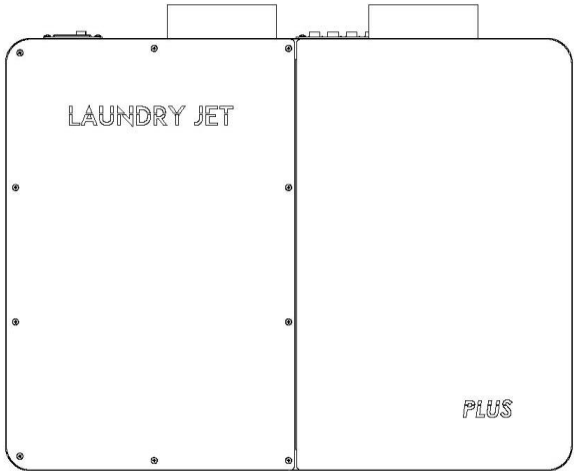
Pipe & Fittings

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

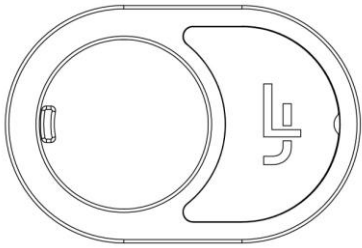
All Fittings are 6" SDR35 White Solvent Weld



2 Contents



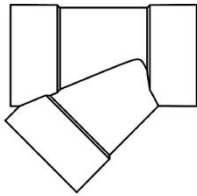
Laundry Jet Plus Jet Pack



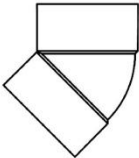
ISlide Port

Pipe Components

All Fittings are 6" SDR35 White Solvent Weld



6 Inch Wye



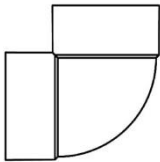
6 Inch 45° Elbow



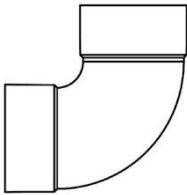
6 Inch Coupler



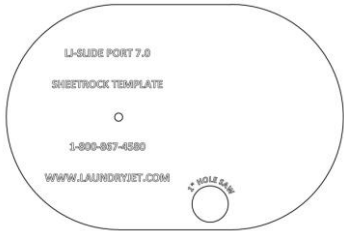
6 Inch Cleanout



6 Inch 90°



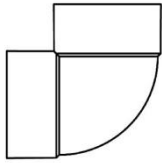
6 Inch Swept 90°



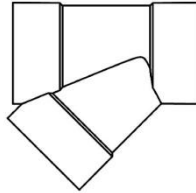
ISlide Sheetrock Template

3 Pipe Installation Overview

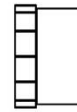
Components



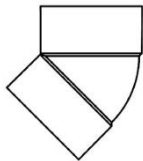
Port 90 Assembly Adapter



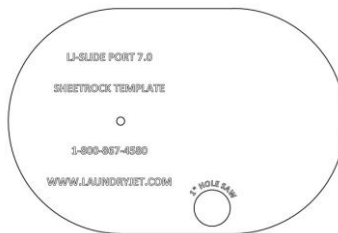
6 Inch Wye



6 Inch Cleanout



6 Inch 45° Elbow

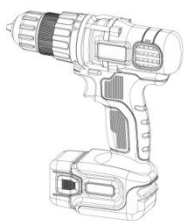


ISlide Sheetrock Template

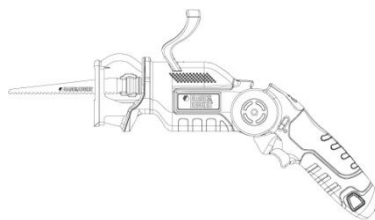


Cable Bundle

Tools



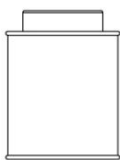
Cordless Drill



Sawzall



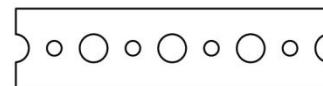
Tape Measure



Clear 2 Part PVC Glue



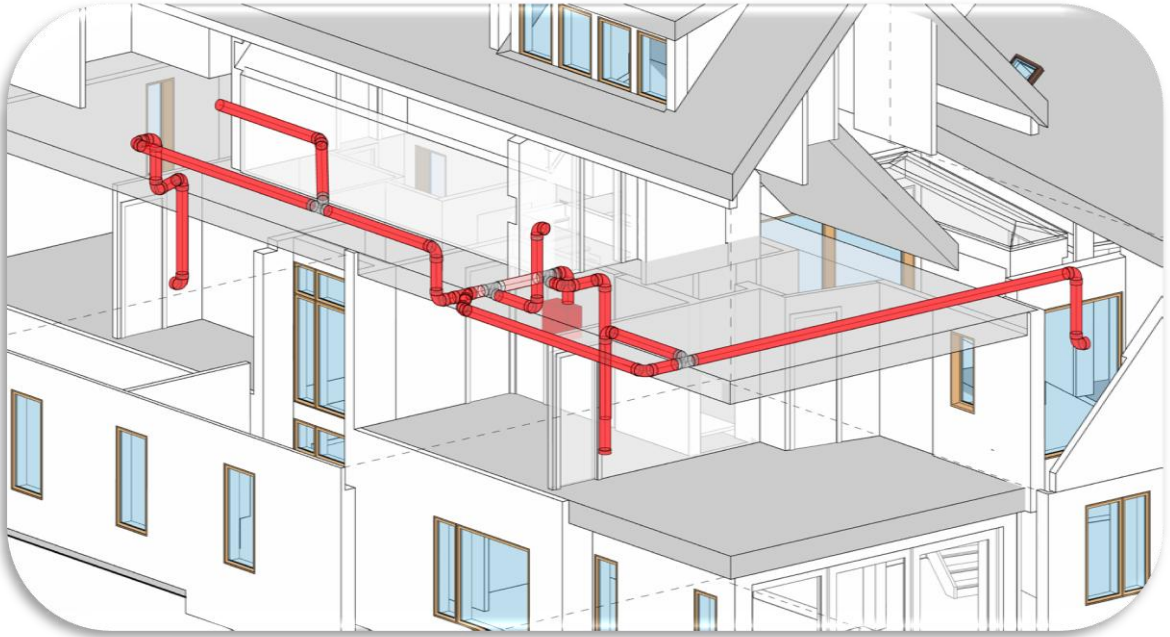
1" Wood Screw



Plumber's Metal Strapping Tape

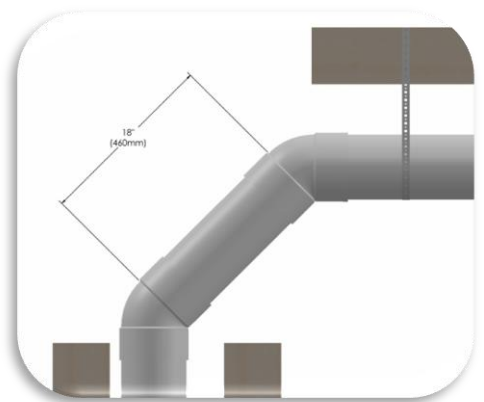
3.1 Pipe Installation Overview

Pipe Installation Standards

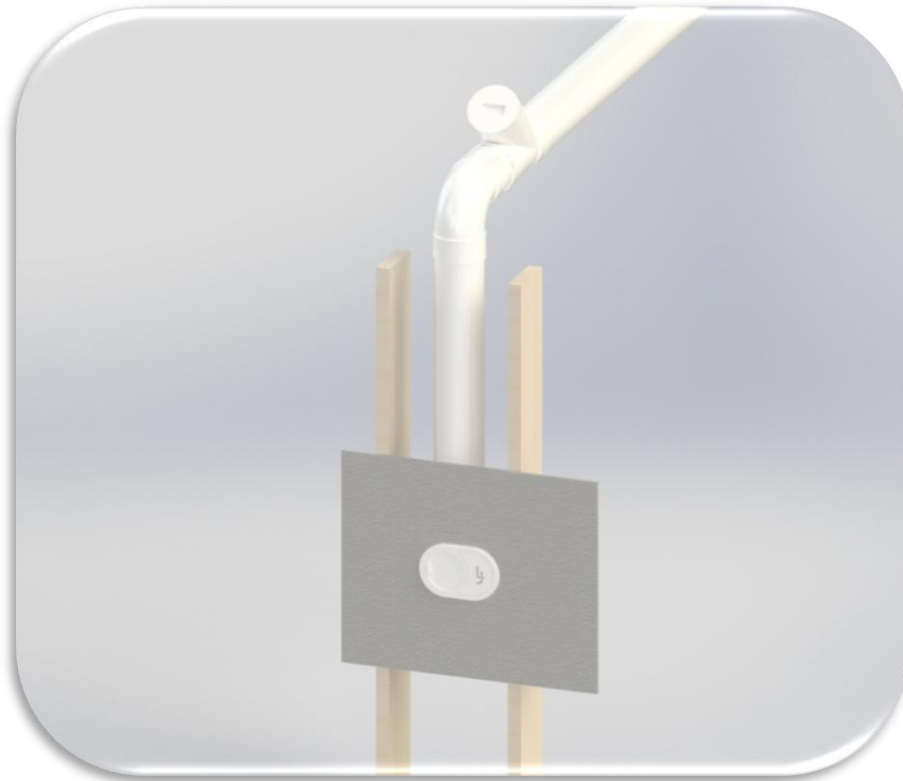


Required Piping Installation Standards

- 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

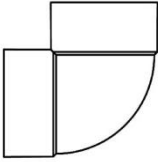


Plus Jet Pack Pipe Drop

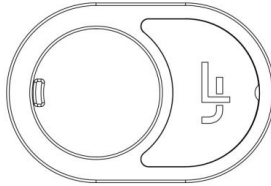
- Install a standard swept 90 drop to each port using a swept 90 elbow.
- Strap pipe at attic to ceiling transition.

4 ISlide Port Installation

Components



Port 90



ISlide Port



ISlide Sheetrock Template



Pipe Mount Bracket

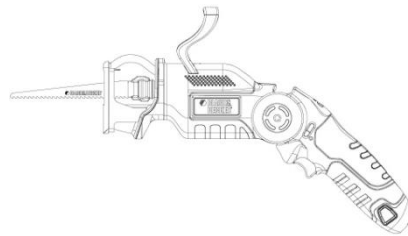


1" Wood Screw

Tools



Stud Finder



Sawzall



Screw Driver

4.1 Step 1 - Port 90 Mount Bracket



Port 90 Mount Bracket

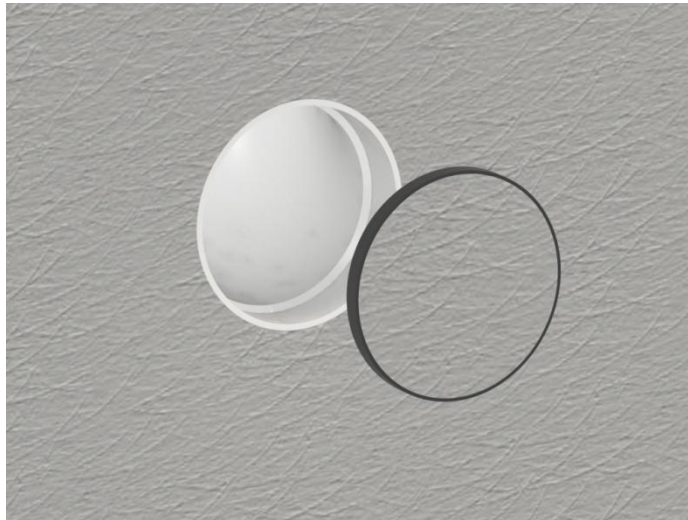
- Use the Port 90 Mount Bracket to align and secure the Port 90 to the frame
- Set Port height
- Attach 2 pipe clamps
- Set elevation screws
- **Do not install Ports behind doors**



4.2 Step 2 - ISlide 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 of the 1" diameter hole in the template
- Using a 1" hole saw, cut a hole through the sheetrock



4.3 Step 3 - ISlide Port Assembly



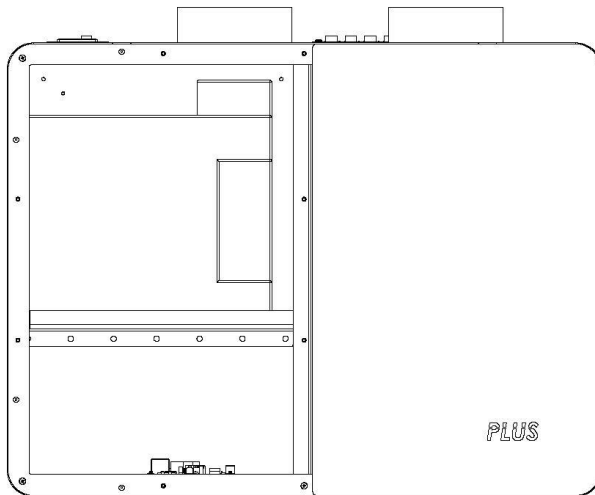
ISlide Port Assembly

- 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

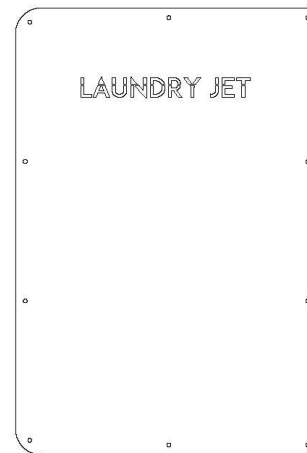


5 Plus Jet Pack Installation

Components



Plus Jet Pack Housing



Plus Jet Pack Front Panel

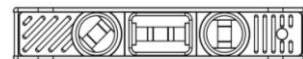
Tools



Cordless Drill



Stud Finder



Level

5.1 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.

5.2 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.

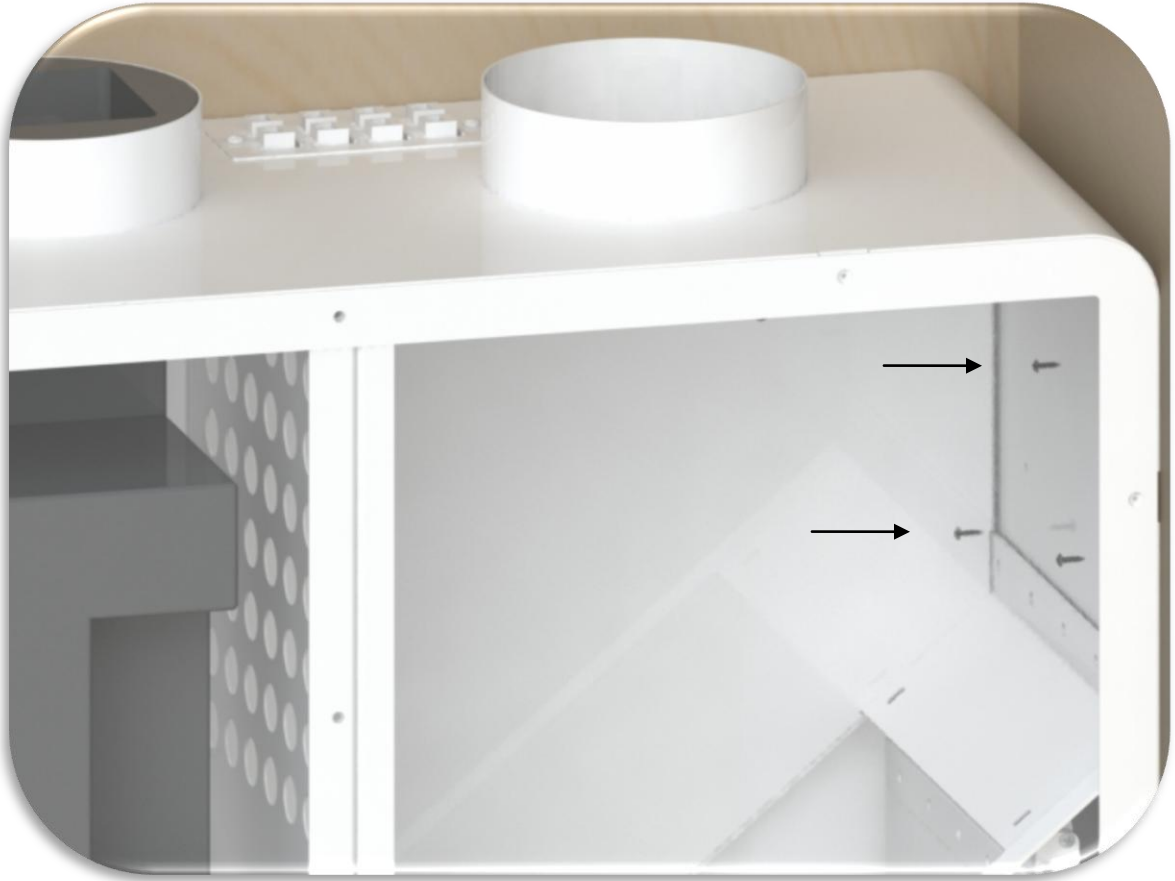
5.3 Plus Jet Pack Installation



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.

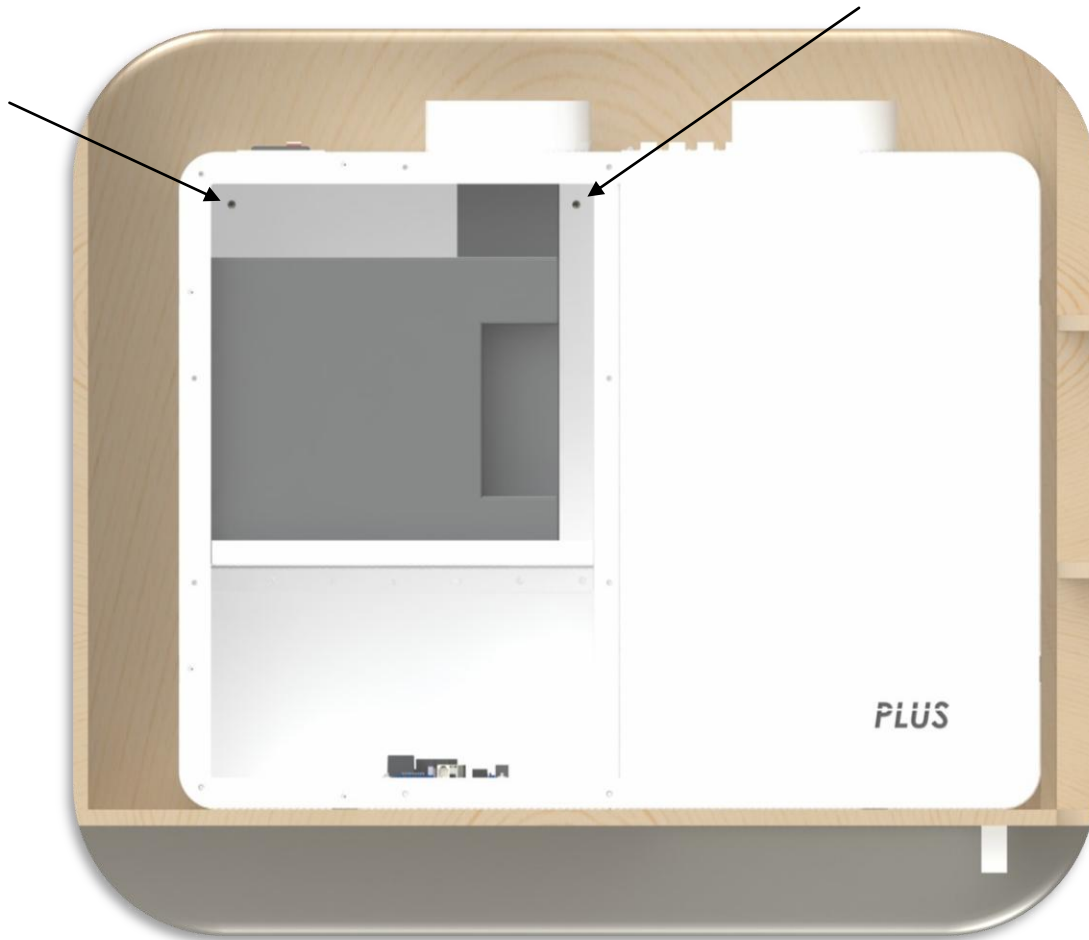
5.4 Plus Jet Pack Installation



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)

5.5 Plus Jet Pack Installation

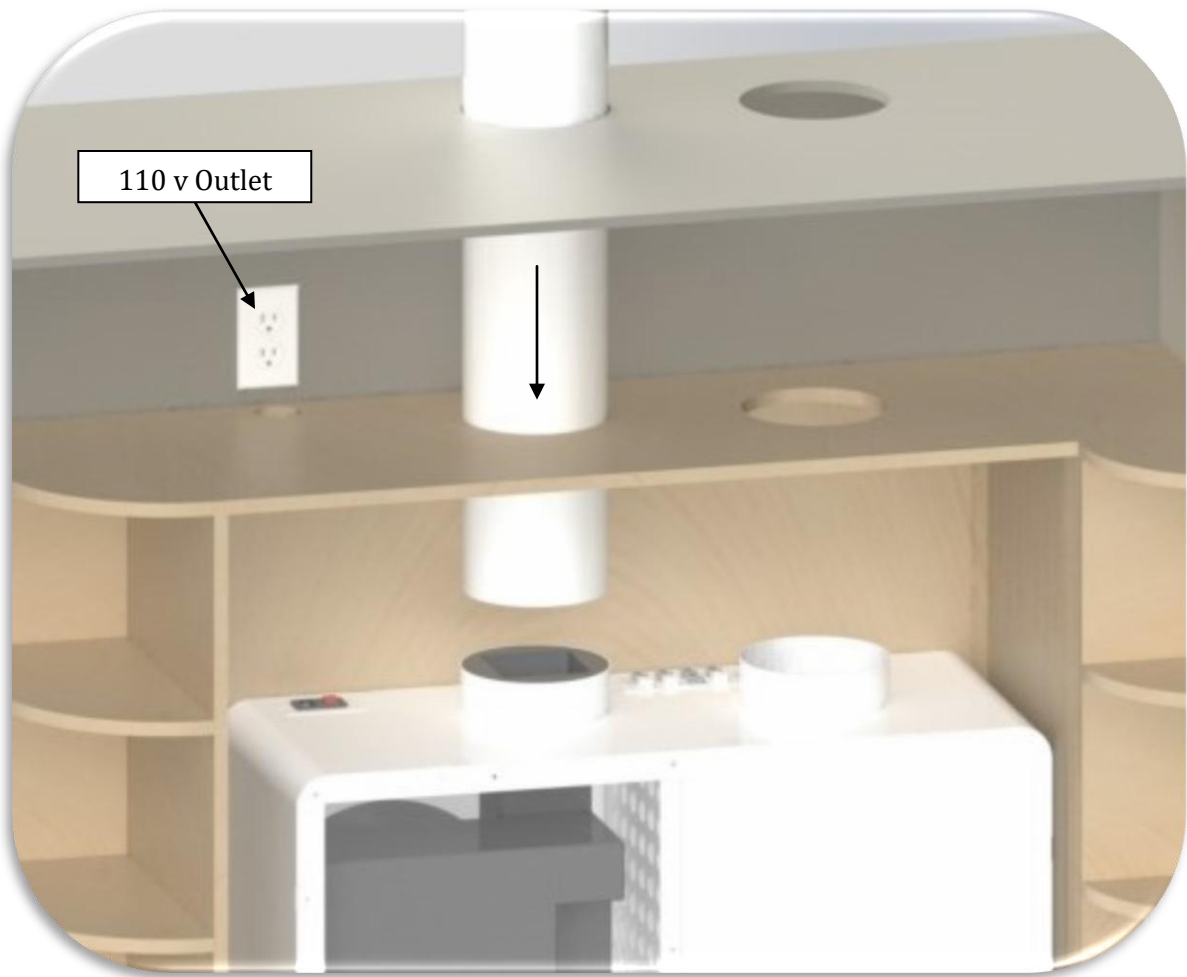


Step 5

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



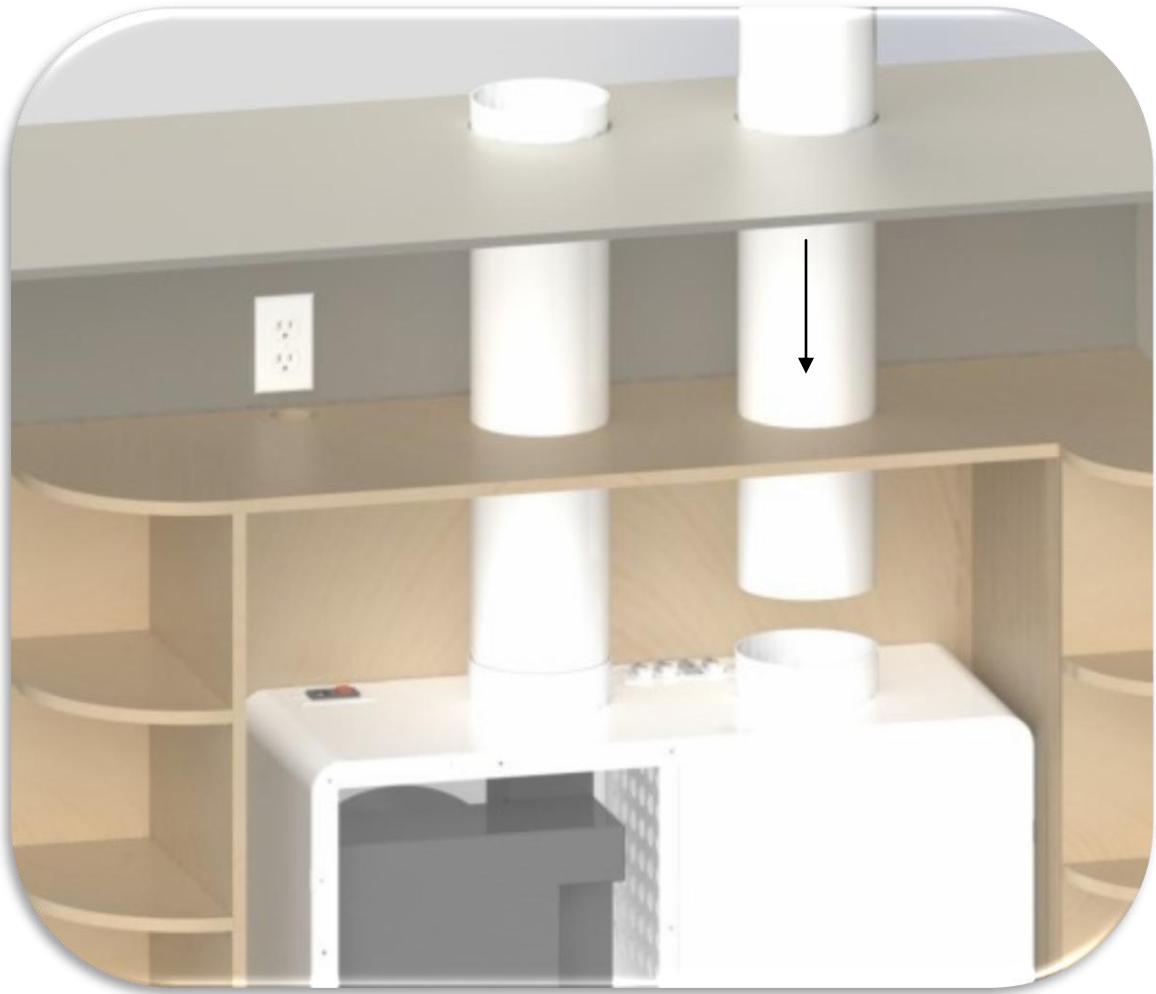
5.6 Plus Jet Pack Installation



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.

5.7 Plus Jet Pack Installation



Step 7

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

5.8 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.

5.9 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.

5.10 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 ISlide 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 ISlide 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.

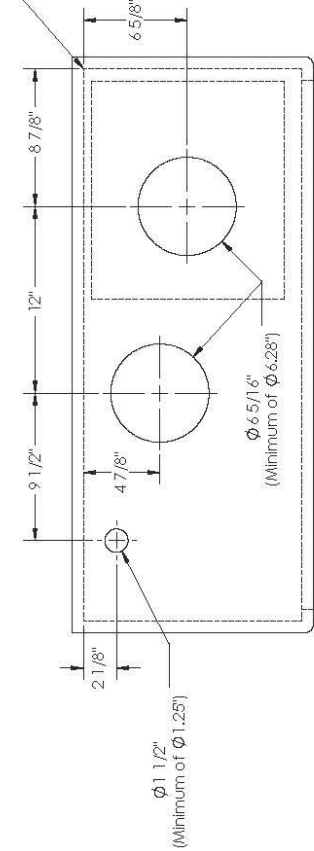
Some countries, states or provinces do not allow exclusion of warranties or limitations of damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may have additional rights, which vary from State to State, or Province to Province. This 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.

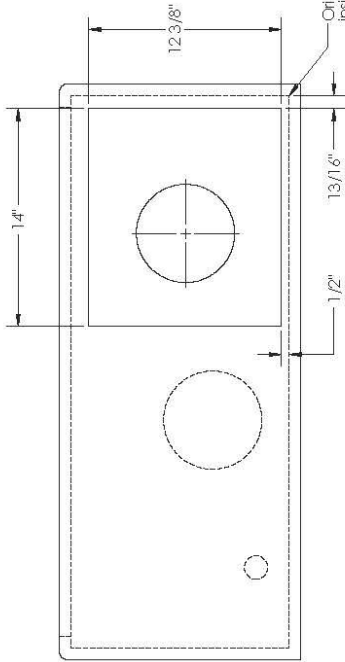
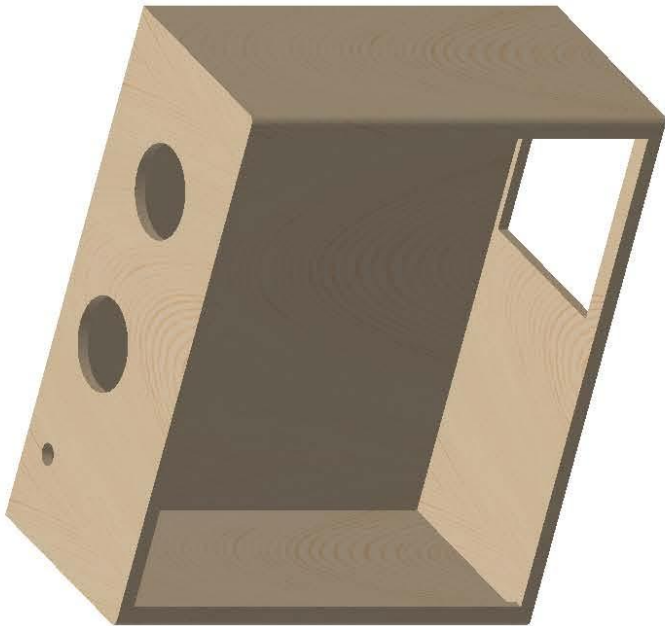
LIFEFLOW, LLC – LAUNDRY JET, SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES ARISING FROM THE USE OF THIS SYSTEM.

Extended warranties are available at the time of purchase.





Cabinet Cutout Detail

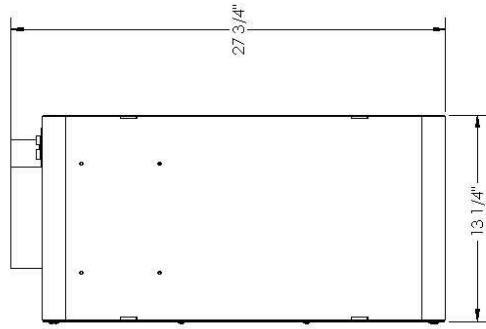
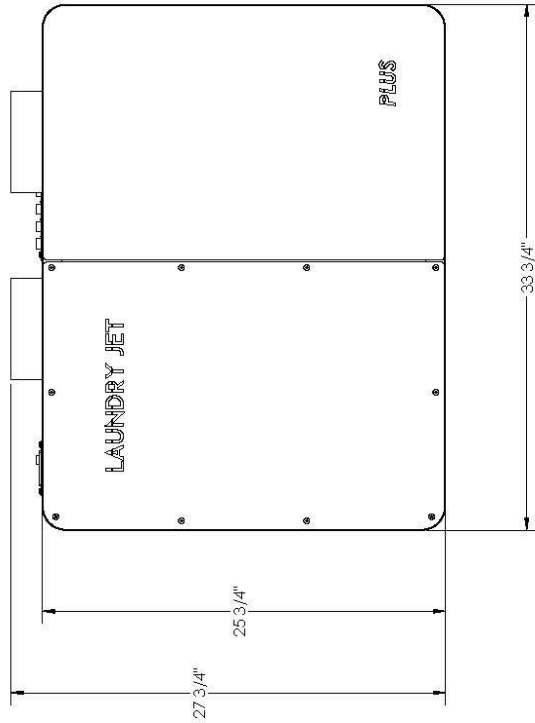
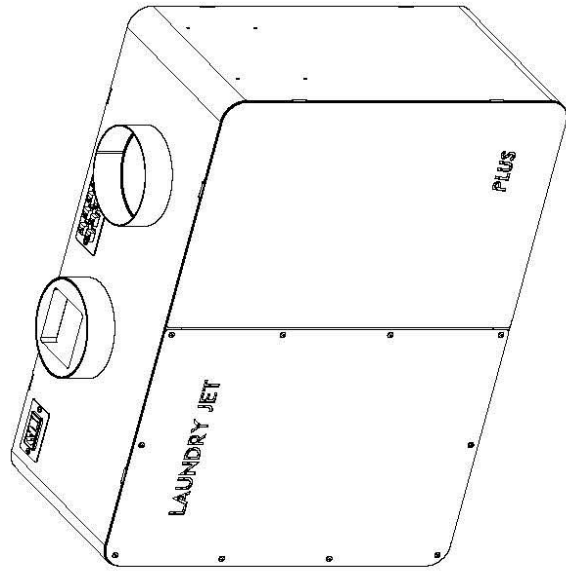
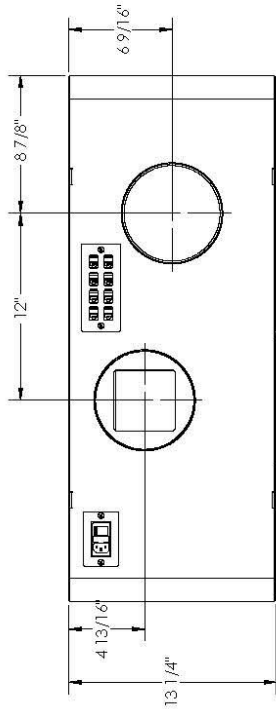


UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	CW 6-23-21
TOLERANCES:		CHECKED	DH 6-23-21
FRACTIONAL: 1/8", 1/4", 3/8", 1/2"		ENG. APPR.	DH 6-23-21
DECIMAL: 1/16", 1/32", 1/64"		MFG. APPR.	
THREE PLACE DECIMAL \pm		Q.A.	
MATERIAL		CUSTOMER:	
FINISH		SIZE	A
DO NOT SCALE DRAWING		DWG. NO.	PIJP-SHEET
		REV	6

LAUNDRY JET

Plus Insert Jet Pack
Engineering Prints

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
LAUNDRY JET. ANY REPRODUCTION,
PART OR AS A WHOLE, WITHOUT THE WRITTEN
PERMISSION OF LAUNDRY JET IS PROHIBITED.



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR, MACH ±
HOLE POSITION ±
THREE PLACE DECIMAL ±

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
LAUNDRY JET. ANY REPRODUCTION IN
PART OR AS A WHOLE WITHOUT THE WRITTEN
PERMISSION OF **LAUNDRY JET** IS PROHIBITED.

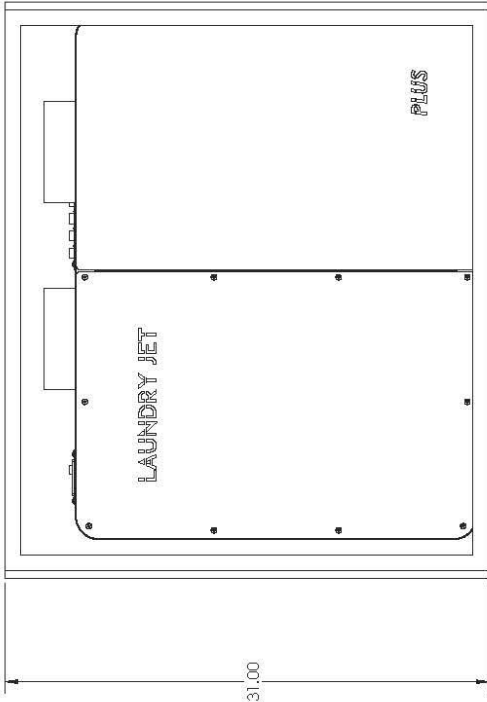
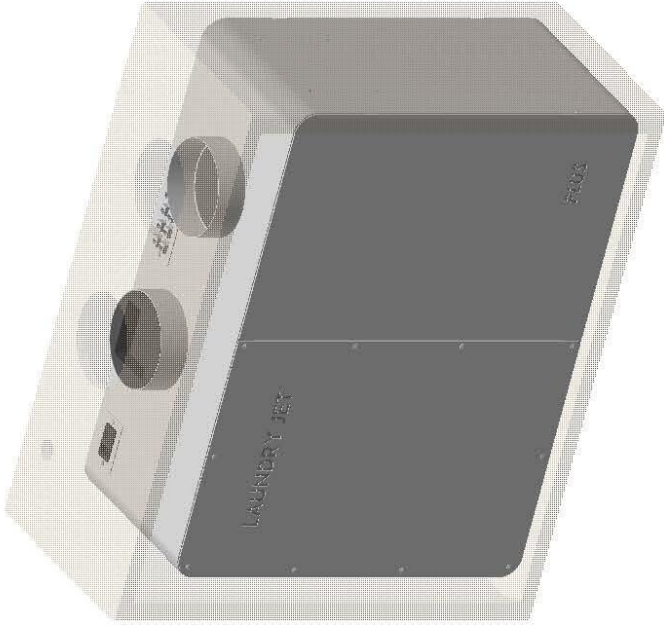
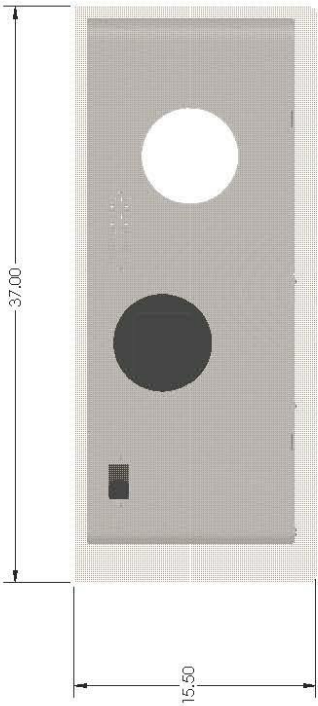
MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME	DATE	DRAWN	CHECKED	ENG APPR.	MFG APPR.	Q.A.	CUSTOMER:	SIZE	DWG. NO.	REV	SCALE	1:1/6	WEIGHT	SHEET 2 OF 4
OW	6/23/21		DH	DH				A	PJP-SHEET2	6				
LAUNDRY JET Plus Insert Jet Pack Engineering Prints												TITLE:		

Plus Insert Cabinet Detail

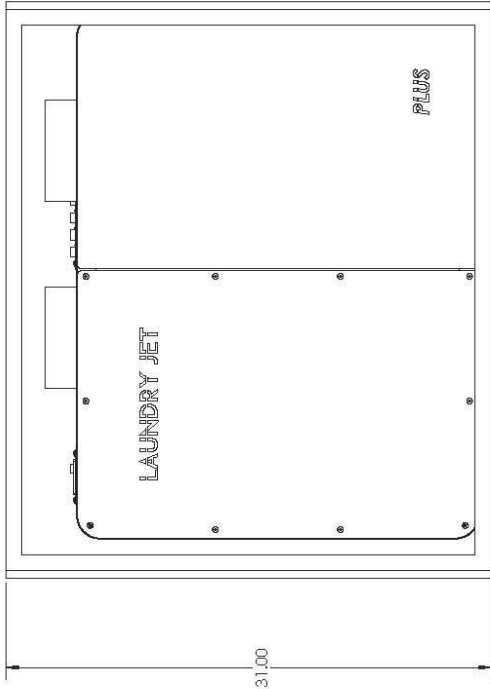
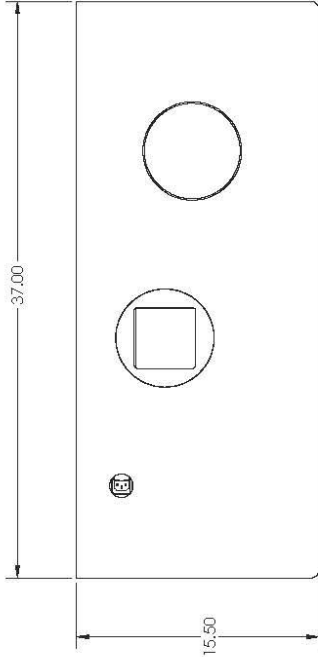


UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	OW 6.23.21
TOLERANCES:		CHECKED	DH 6.23.21
FRACTIONAL:		ENG APPR.	DH 6.23.21
ANGULAR: MACH. BEND ±		Q.A.	
HOLE LOC. DECIMAL		CUSTOMER:	
THREE PLACE DECIMAL			
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

PROPRIETARY AND CONFIDENTIAL	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LAUNDRY JET. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LAUNDRY JET IS PROHIBITED.	

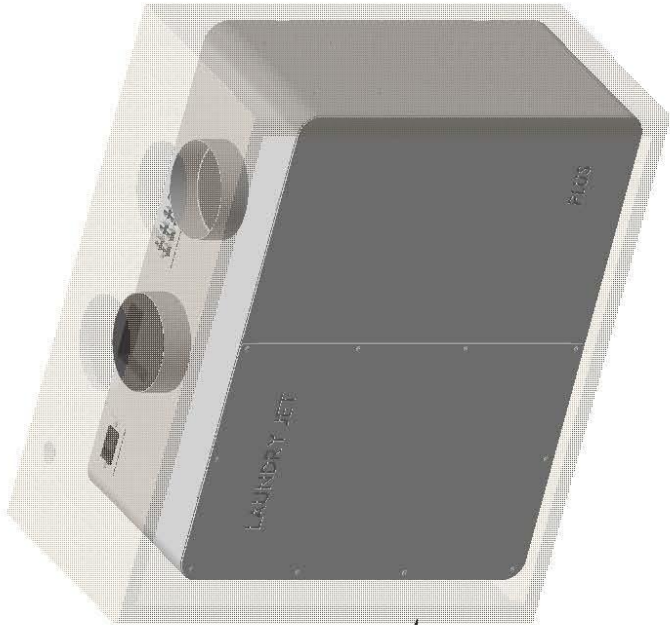
LAUNDRY JET	
Plus Insert Jet Pack Engineering Prints	
TITLE:	
SIZE	DWG. NO.
A	PIJP-SHEET3
SCALE: 1:16	WEIGHT:
REV	6
SHEET 3 OF 4	

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.



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

Plus Insert Cabinet Detail



UNLESS OTHERWISE SPECIFIED:				NAME	DATE
DIMENSIONS ARE IN INCHES				DRAWN	6/23/21
TOLERANCES UNLESS OTHERWISE SPECIFIED:				CHECKED	6/23/21
FRACTIONAL: ±				ENG APPR.	6/23/21
ANGULAR: MACH ±				MFG APPR.	
DECIMAL: ±				Q.A.	
THREE PLACE DECIMAL ±				CUSTOMER:	
DO NOT SCALE DRAWING					

PROPRIETARY AND CONFIDENTIAL			
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LAUNDRY JET. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LAUNDRY JET IS PROHIBITED.			

LAUNDRY JET			
Plus Insert Jet Pack Engineering Prints			
TITLE:			
SIZE	DWG. NO.	REV	
A	PJP-SHEET4	6	
SCALE: 1:1	WEIGHT:	SHEET 4 OF 4	