



INSTALLATION GUIDE

Laundry Jet Swift

April 2022

Version 3.0 Revision 0.1

*Rev 4 Units for Use with **ISense Ports***

*Laundry Jet
2001 Challenger Avenue
Oroville, CA 95965*





Document Revisions

Date	Version Number	Document Changes
6/15/2021	1.0 Rev 0.1	Laundry Jet Installation Guide - Swift - Rev 1
10/14/2021	2.0 Rev 0.1	Laundry Jet Installation Guide - Swift - Rev 3
4/12/2022	3.0 Rev 0.1	Laundry Jet Installation Guide - Swift - Rev 4

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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

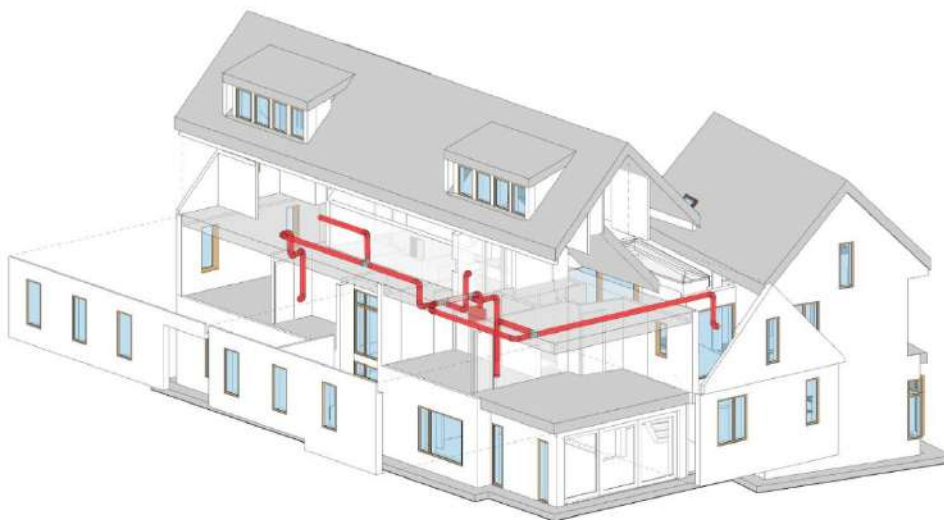
Laundry Jet specifies 6" SDR35 White Solvent Weld PVC pipe and fittings. This piping is light weight to make install quick and easy.

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.

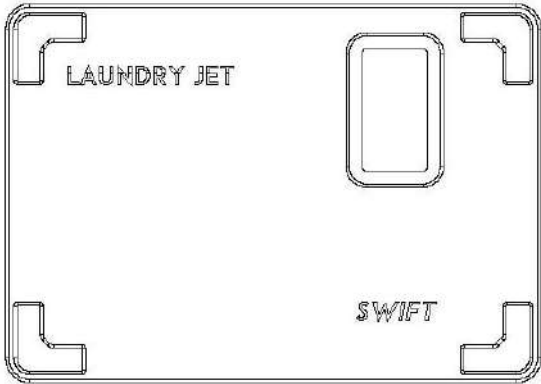
Pipe & Fittings

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

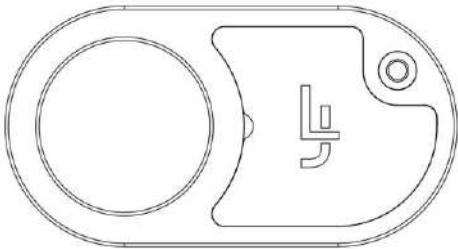
All Fittings are 6" SDR35 White Solvent Weld



2 Contents



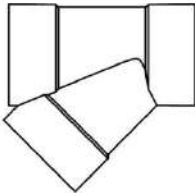
Laundry Jet Swift



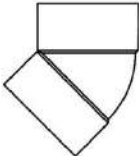
ISense Port

Pipe Components

All Fittings are 6" SDR35 White Solvent Weld



6 Inch Wye



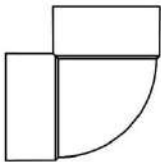
6 Inch 45° Elbow



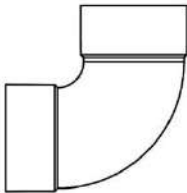
6 Inch Coupler



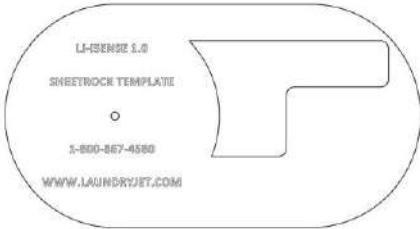
6 Inch Cleanout



6 Inch 90°



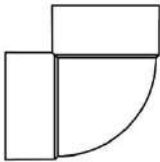
6 Inch Swept 90°



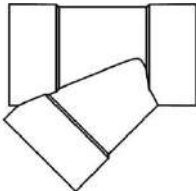
ISense Sheetrock Template

3 Pipe Installation Overview

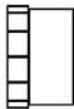
Components



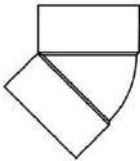
Port 90 Assembly



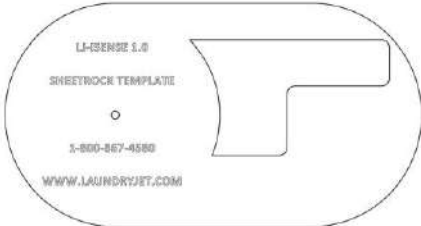
6 Inch Wye



6 Inch Cleanout Adapter



6 Inch 45° Elbow



ISense Sheetrock Template

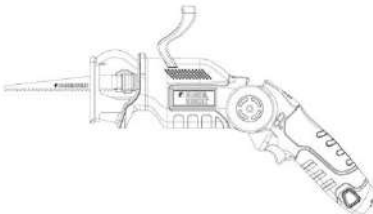


Cable Bundle

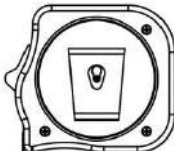
Tools



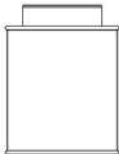
Cordless Drill



Sawzall



Tape Measure



Clear 2 Part PVC Glue



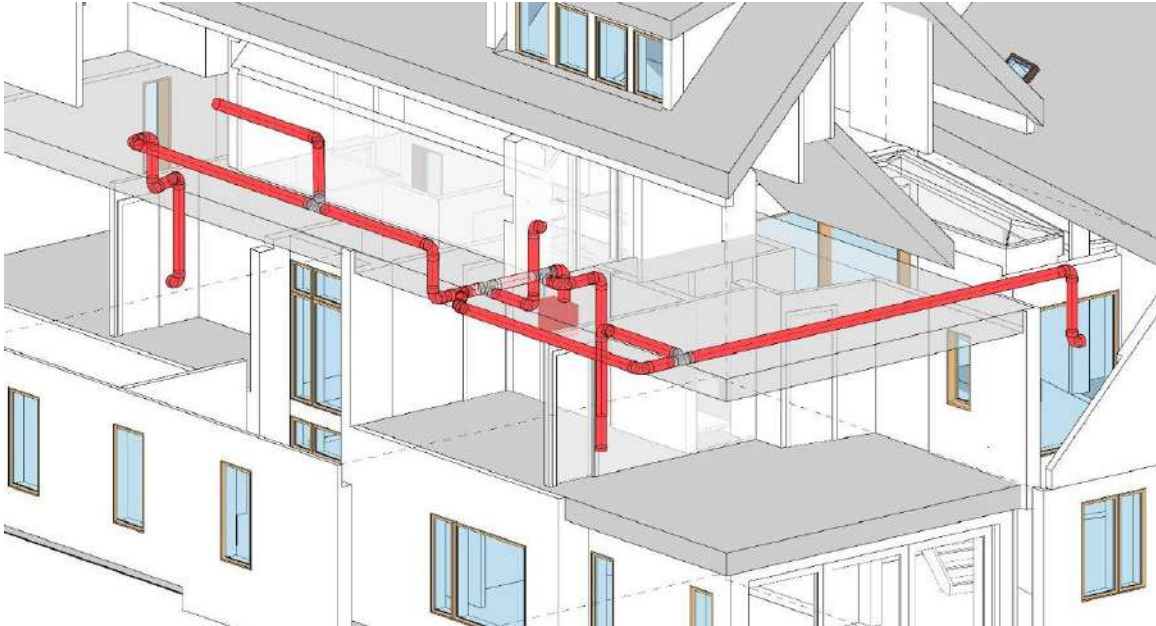
1" Wood Screw



Plumber's Metal Strapping Tape

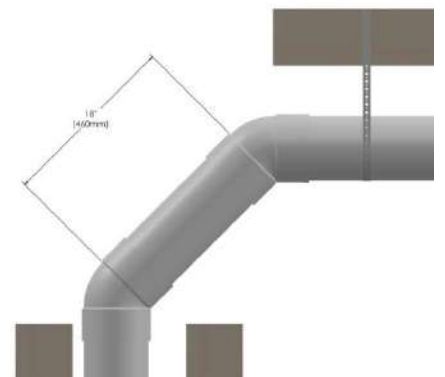
3.1 Pipe Installation Overview

Pipe Installation Standards

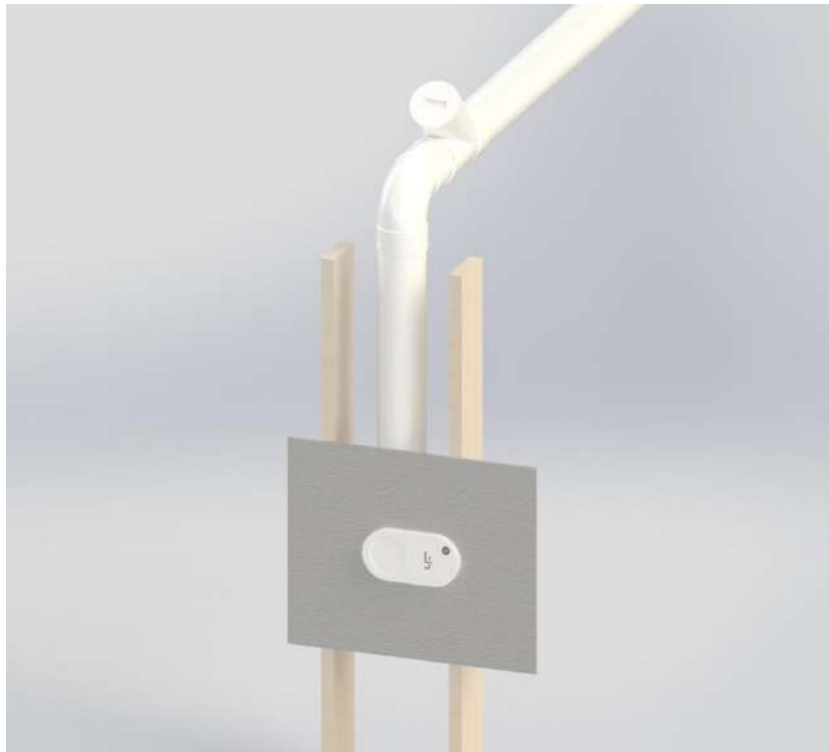


Required Piping Installation Standards

- 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



Jet Pack Pipe Drop

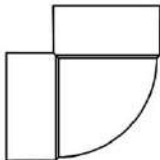
- Directly above your unit on the ceiling you will place your pipe drop template (match template orientation to the machine). Use this to set your pipe drops in the proper position.
- Install a standard swept 90 drop to each port using a swept 90 elbow.
- Strap pipe at attic to ceiling transition.
- Make connection to Jet Pack inlet using structural tape.. Make sure that Vacuum Chamber connection has a complete seal for maximum performance.
- Wrap tape around seam repeatedly to produce a thick stable joint.



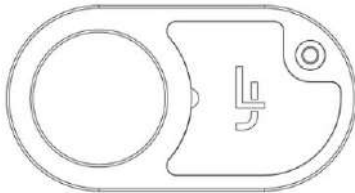
Dry Fit
Structural Tape

4 ISense Port Installation

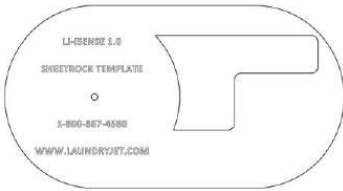
Components



Port 90



ISense Port



ISense Sheetrock Template



Pipe Mount Bracket

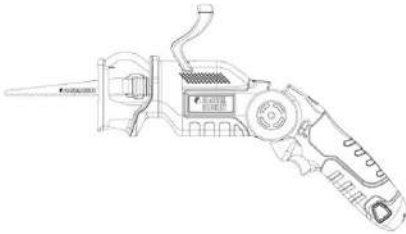


1" Wood Screw

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



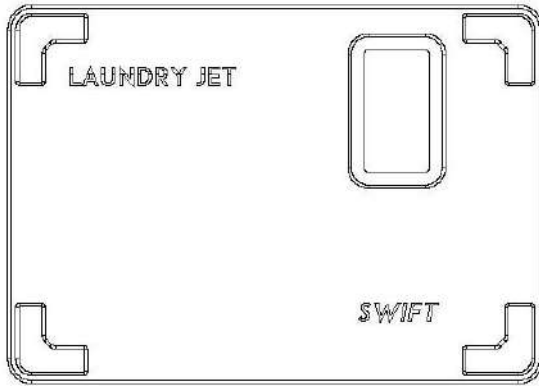
ISense Port Assembly

- 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

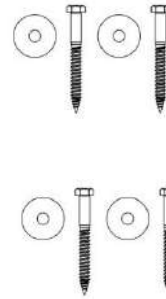


5 Jet Pack Installation

Components



Laundry Jet Swift



Mount Hardware

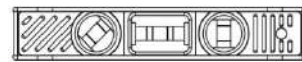
Tools



Cordless Drill



Stud Finder



Level

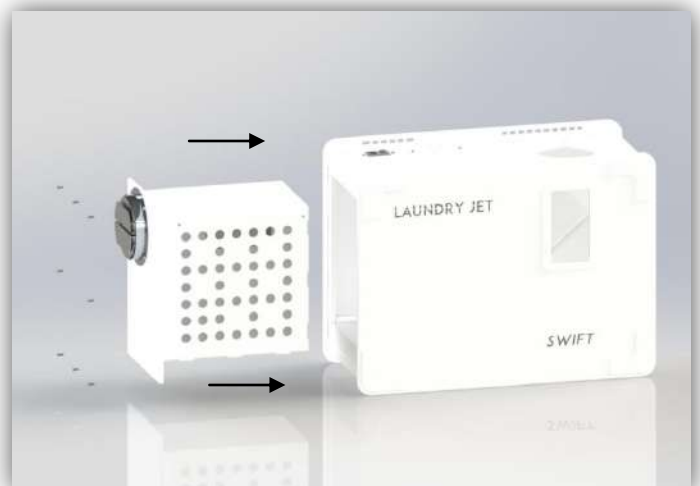
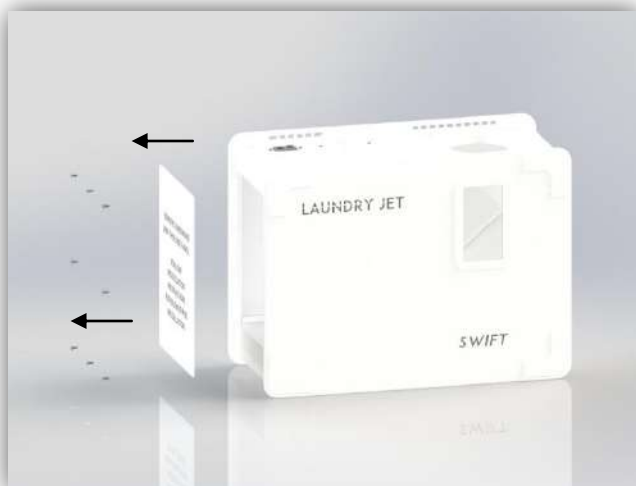
5.1 Jet Pack Installation



Blower Pod Installation

If possible, install the Blower Pod into the unit after the jet pack has been mounted to the wall. If there is not sufficient room to install the blower pod first, follow instructions below and then proceed with the jet pack installation. See page 18 for instructions.

- Remove the eight 10-32 screws from the left side of the unit and remove temporary cardboard/particle board side plate.
- Align and position the blower pod between guide rails and slide into the unit until fully seated. Reinstall the eight 10-32 screws.



5.1 Jet Pack Installation

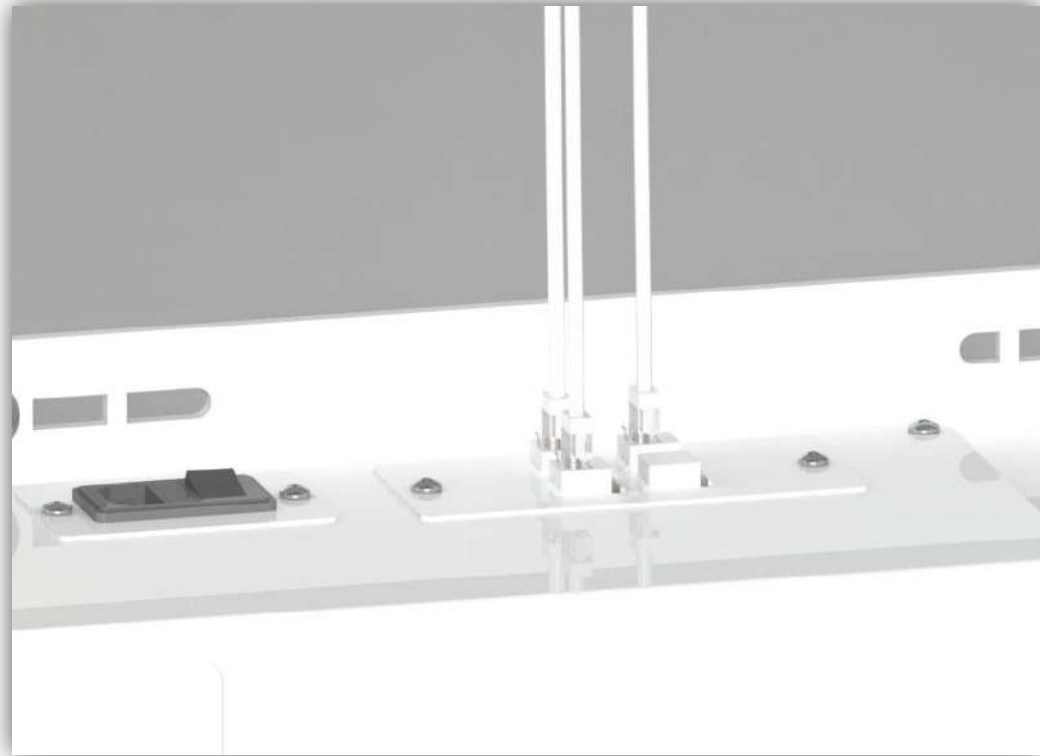


Jet Pack Installation

- Using a stud finder, locate mounting stud position. Mark Jet Pack installation position on the intended mount wall.
- Draw a vertical line down the center of your mount stud at the elevation of your cabinet mount cutout. The line should be long enough to see in both mount positions.
- Move the unit into position until you can see your mount line in the mount slots.
- Mark your mount hole position for predrill at .25" (6.5mm) Predrill your mount holes to 3" (76mm)
- Using a socket drive on your drill, set the jet pack into position and install the 4 provided 1/4"x 3" Lag screws.



5.1 Jet Pack Installation



Jet Pack Installation

- 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 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.

