



## **EzJet Operation Manual**

**WARNING: High Powered Equipment – Read Before Use**

This manual provides safety instructions, setup guidance, and operational procedures for EzJet high-powered jetting units.

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### **WARNING:**

These are HIGH POWERED UNITS that can harm you if used incorrectly. Be sure to read all manuals before operating and wear safety clothing during operation.

### **Before Starting:**

Read all owner's manuals sent with this Jetter before operation. Instructions for Engine and pump maintenance can be found in their respective manuals.

### **Jetting Operation Overview:**

1. Locate machine in operation position. Gasoline engines need to be outside.
2. Connect pressure hose from pump to foot pedal or ball valve.
3. Connect foot pedal or ball valve to hose reel.
4. Sewer hose should be rolled onto reel so it will roll off from the top of the reel.
5. Install jetter nozzle.
6. Insert sewer hose about three feet into drain.
7. Connect and turn on Garden Hose water supply.
8. Start machine. **CAUTION – Never let engine run more than 2 minutes without starting jetting water flow.**
9. Regulate operating water pressure to job requirements.
10. Hold onto sewer hose.
11. Turn on water flow with foot pedal or ball valve.
12. Jet flow from sewer tip will pull the sewer hose into the Sewer line.

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### Caution:

1. Always wear Protective Safety gear, such as, but not limited to, Raincoat or Coveralls, Rubber Boots, Face shield or Goggles, Gloves and Hearing Protection.
2. Never Start the machine with the jetter nozzle outside the drain.
3. Do Not remove the jetter nozzle from the drain while the unit is Under pressure.
4. Do Not run the machine for more than two minutes with the jetter water flow shut off (by-pass mode). This will overheat the Jetter pump and could cause injury to you.
5. To start the water flow, step on the foot valve easily or open the Ball valve slowly for a smooth start up procedure.
6. If you purchased a Hot Pump Jetter or converted and Hot Water Pressure Washer into a Jetter, Jetting with Hot Water is very dangerous. Be very careful not to spray hot water on you or any other person helping you.

### Good Things To Know:

1. The jetter nozzles are designed to draw the sewer hose into the line. However, in some cases you will need to rotate or move the hose in and out, to get it through and around clogs or around corners.
2. It is best to jet from the low end of the line, so the water can drain out as you go. If you are jetting from the high end of the line, you may have to stop occasionally to allow the accumulated water to drain past the jetter nozzle.

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### **Pulse Control:**

1. The pulse control handle is located on the face of the pump by turning the handle to the left you get a steady stream of water to be used with the pressure washer gun and tips or the Laser and Rotating sewer nozzles.
2. By turning the handle to the right, you get a pulse water flow to Be used with the Ram or Corner sewer nozzles.

### **Jetter Hose Sizing:**

1/8" hose should be used with 1" to 3" lines

1/4" hose should be used with 3" to 6" lines

3/8" hose should be used with 4" to 12" lines

### **Sewer Nozzles – What They Do:**

Ram Nozzle – used with pulse water to beat out blockage

Laser Nozzle – used with constant water to cut out blockage

Corner Nozzle – used with pulse water to force the nozzle around corner

Rotating Nozzle – used with constant water after line is unclogged

### **Septic Tank and Manhole Entrances:**

To help reach line entrances in septic tanks and manholes, you can use a piece of 2" PVC pipe with a 45° angle on the end. Make it long enough to put the 45 into the pipe entrance while you stand on top. Then run the jetter hose Through the PVC and into the clogged line.

**Or use** King Bee™ KBEE™ Series 2 in. ID Polyethylene Hose Guard

- Easy Slide Interior - low coefficient of friction polyethylene tube allows for sewer jetting hoses to slide through easily, protecting them from wear.
- "Cold-Flex" Materials - Remains flexible in sub-zero temperatures.
- Crush Resistant - Will spring back to original shape after being crushed, will not kink!
- Easy Slide Helix - Exposed ribs protect tube from cover wear and allow hose to slide easily over rough surfaces. Easy-to-handle.
- Leak Proof Cuffs - Over molded cuffs will not separate from the hose guard. Each cuff and unit is 100% factory tested.

### **Don't Let It Freeze:**

It is best to keep your Jetter in a heated area to prevent freezing, so you will not damage the pump head, hose or other expensive parts of your jetter. If this is not possible you will need to do the following.

Cut a 2ft piece of garden hose with the male hose connector, so you can connect it to the female garden hose fitting on the Jetter machine. Put a funnel in the other end, hold the hose upward and pour a mixture of 50% water – 50% antifreeze into the funnel. Cycle the motor until antifreeze comes out of the water outlet. This will need to be done after every use.