

SAFETY



CAUTION: Never run the jetter dry.





WARNING: Wear safety goggles and gloves while operating this equipment.

Hearing protection is strongly recommended.

Always read instructions thoroughly before use and practice safety.

This equipment should only be operated by experienced drain cleaning professionals. Damage to property or equipment and personal injury may result from misuse.

Inspect equipment before use:

- Look for loose screws, frayed power cord, exposed wires, damaged hoses, and evidence of leaky or faulty fittings—repair damage before use.
- Ensure input strainer is free of obstructions and clean.
- Inspect and clean nozzles.
- Flush hoses.
- Plug in power cord and use the test function on the GFCI.

CONTACT US

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Save on space, not on power. It's time to call in the Cadet. This portable electric jetter will clean the entire circumference of the line and make quick work of grease and soft clogs. The triplex plunger pump with electric motor gives you a true 1,500 PSI or 2.0 GPM, and at just 14" x 22½" x 9" it leaves plenty of real estate in your work truck for more Spartan Tool equipment.

CADET 2.0

Portable Electric Jetter



GET TO KNOW the Cadet



- | | | |
|-----------------------|-------------------|--------------------|
| 1. High Pressure Hose | 6. Pressure Gauge | 11. Open Nozzle |
| 2. Supply Hose | 7. GFCI Cord | 12. Nozzle Cleaner |
| 3. Pump Inlet | 8. Gloves | 13. Supply Valve |
| 4. Pump Outlet | 9. On/Off Switch | 14. Quick Guide |
| 5. Throttle Valve | 10. Closed Nozzle | 15. Organizer |
| | | 16. Case |

CADET USE

1. **Connect supply hose to a water source.**
 - Garden hose bib using supplied hose.
 - Adapt to faucet aerator.
 - Disconnect sink or toilet supply hose and connect to shut-off valve.
2. **Find a grounded outlet nearest to your point of use.**
 - Use a circuit that is unloaded—operating with other appliances may cause the circuit breaker to trip or fuse to blow.
 - Avoid using extension cords. If an extension cord is required, use 12-gauge, 3-wire heavy-duty cord.
 - Once powered, the cooling fan will automatically turn on.
3. **Choose the right high-pressure hose and nozzle for the job and connect.**
 - For best pressure, use the supplied open nozzle.
 - For best flow, use the supplied closed nozzle.
4. **Vibration is normal—protect your high-pressure hose from sharp edges.**
5. **Before energizing equipment:**
 - Ensure all connections are tight.
 - Push the nozzle and high-pressure hose into the pipe.
 - Dial the throttle valve all the way closed and back open between 1 and 2 full turns.
 - Turn the supply water on at the source.

- Open the water inlet valve on the supply hose to start water flowing.
- Never run unit with either valve closed!

6. **Turn unit on and begin feeding hose.**
7. **Turn the throttle valve knob open until the desired pressure is reached. Use the lowest pressure whenever possible.**

Nozzle with 3/16" hose	30 minutes continuous
70700670 open, 3/4 gpm	1500 psi (max)
72705400 closed, 2 gpm	700 psi (max)

8. **For high pressure hose lengths greater than 50', dial the pressure slightly higher than the chart. Never exceed the maximum pressure as shown.**
9. **Never operate the jetter for periods longer than the recommended continuous time.**
10. **For every continuous cycle, allow the jetter to cool for a minimum of 15 minutes. Keep the unit plugged in to power as the fan will help cool the unit.**



NEVER OPERATE THE JETTER AT MAXIMUM PRESSURE FOR MORE THAN TWO 30-MINUTE CYCLES PER TWO HOURS. The motor will overheat and damage to the equipment will occur.

TROUBLESHOOTING

PROBLEM	CORRECTIVE ACTION
Unit does not turn on.	Make sure the Cadet is plugged in.
	Check if the GFCI is on and operating correctly.
	Check the supply circuit breaker (breaker/fuse on).
	Check for damage to cord.
Circuit breaker trips.	Dial the throttle valve further CLOSED.
	Look for kinks or obstructions in the high-pressure hose.
	Clean the nozzle.
	Let the unit cool down.
Can't get to desired pressure.	Check that the water source supply valve is on.
	Ensure water inlet valve is fully open.
	Dial the throttle valve further OPEN.
	Look for kinks or obstructions in the supply hose.
	Check for leaks in the high-pressure hose.
	Clean the inlet strainer.
	Check for worn nozzle.
	Check water pressure at supply source.

CADET TIPS

- This manual is an important part of your equipment. It provides safety information and operation instructions to help you use and maintain your equipment. Please read this manual before using your equipment. Keep it with the equipment at all times for future reference. If you sell your equipment, be sure to give this manual to the new owner.
- All of the components are serviceable and replaceable. If you have problems with the Cadet jetter, please call your Territory Manager or Spartan Customer Service.
- To prolong the life of the Cadet, use the lowest pressure that will get the job done.
- Brief, over-pressurization is allowed up to 1,800 psi (open nozzle) or 800 psi (closed nozzle). Do not run continuously at elevated pressures—damage to your unit may occur due to excessive heat and overloading of the power circuit may occur.
- NEVER OPERATE THE CADET AT MAXIMUM PRESSURE FOR MORE THAN TWO 30-MINUTE CYCLES PER TWO HOURS. The motor will overheat and damage to the equipment will occur.
- Water supply source will affect pressure and flow. If the supply doesn't have enough pressure or flow, your unit might not build desired pressures.
- Restrictive nozzles like the open nozzle supplied with your unit can cause intense vibration in the high-pressure line. While the vibration is helpful in moving the hose down the pipe, make sure to protect your hose and the surrounding plumbing.
- This unit will operate effectively with as much as 100' of 3/16" hose. Longer hoses will not be able to keep pressure at the nozzle and may not clear clogs as well as a shorter hose.
- Check with your Territory Manager or visit SpartanTool.com for additional accessories.