

JET-EX / JET-EX+ Well Cleaning System Low Pressure, High Volume Precision Cleaning



The Well Cleaning System is a patented solution engineered to clean and rehabilitate water wells efficiently while protecting well screens and gravel packs. Unlike high-pressure jetting systems that risk damaging the well infrastructure, this tool uses low-pressure, high-volume water flow focused by precision power plates. It dislodges silt, scale, and biological buildup safely and restores water flow without chemical contamination or screen damage.

Key Features

Feature	Description
Cleaning Method	High-volume, low-pressure water discharge
Pump Type	Submersible variable-pressure pump within flow sleeve
Pressure Range	2–200 psi
Flow Volume	500–2000% greater than natural well flow
Rotation	Powered rotation for uniform cleaning
Operation Modes	Cleaning and Extraction (toggle controlled)
Compliance	Meets EPA and DNR groundwater protection standards

Engineered for precision cleaning and well longevity.



Frequently Asked Technical Questions

- Q: How does the system differ from high-pressure jetting?

A: It operates at 2–200 psi with significantly higher water volume, avoiding damage to well screens or gravel packs.

- Q: What wells are compatible?

A: Suitable for municipal, agricultural, and industrial water wells with diameters between 5–100 cm.

- Q: Can it remove biological growths or scale?

A: Yes. The high-volume flow and optional chemical delivery system effectively remove mineral deposits and organic fouling.

- Q: How is debris removed from the well?

A: The system toggles from cleaning to extraction mode to lift debris and water to the surface for disposal.

- Q: Is chemical use required?

A: No. The system cleans effectively with water only, but optional chemical delivery can be added for severe cases.

- Q: What materials are used in construction?

A: Stainless steel power plates, PVC flow sleeve, and durable drop pipes designed for longevity and corrosion resistance.

- Q: Can it be operated by standard field crews?

A: Yes. Designed for simple setup and control using standard well service equipment and trained technicians.

- Q: How long does a typical cleaning take?

A: Most wells can be fully cleaned within several hours, depending on depth and degree of obstruction.

- Q: Does it comply with environmental standards?

A: Yes. It reuses existing well water for cleaning and prevents contamination in compliance with EPA and DNR guidelines.

- Q: Is this system patented?

A: Patent pending — advanced design and method filed under system and method for cleaning a well.



Performance & Compliance Highlights

- Efficient debris extraction with low risk of screen or gravel damage.
- Dual power-plate design focuses energy for precise cleaning.
- Fully submersible and rotatable assembly.
- Adaptable to multiple well depths and diameters.
- Operates using existing field vehicles and cranes.
- Environmentally compliant with minimal water loss.

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