

AIRaider 433 Series Introduces **NEW** Tank Design

The Best Radon in Water System on the Market Just Got Even Better!

For over 17 years, the AIRaider 433 has successfully and dependably removed radon and VOCs from well water through a unique, patented multi-stage aeration method. It sets the standard by which other water aeration equipment is measured. Now, the 433's new tank raises the bar even higher.

- ✓ **99+ Percent Radon Removal**
Customer-confirmed; independently tested
- ✓ **Small Footprint**
Unobtrusive, compact design
- ✓ **Easy Maintenance**
The built-in pump reduces audible level of pump noise.
- ✓ **No Sweating**
The double-wall foam-insulated tank will not sweat.

New Tank Features Include:

Attractive new look: All mechanicals are on one side for cleaner aesthetics.

Versatile electrical connections: The electrical panel can be mounted on either side to allow left or right connections

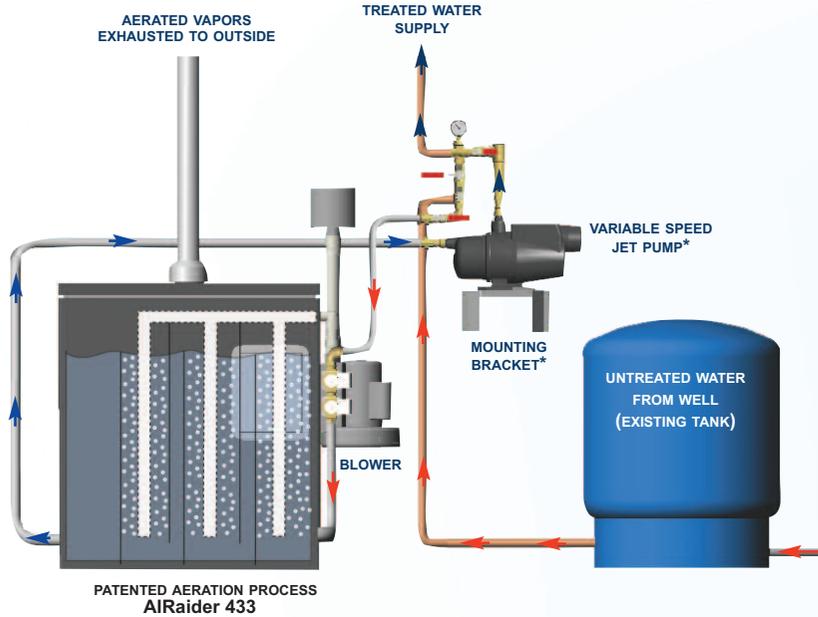
Internal tank design: With removable baffles, the new design improves upon the 433's already easy cleaning and maintenance

New lid sealing method: The familiar 433 lid clips are replaced by brass t-nuts to provide an even better, mechanically positive seal.



800-767-3703

AIRraider 433 Series Typical System Installation



Note: Cutout of AIRraider shown connected to existing well tank. AIRraider Systems include blower. Pump and accessories available.
* Optional components. Repressurization packages and accessories vary.

Performance and Technical Information

Blower: Regenerative Blower 3500 RPM 0.5HP 600 Watt

Pump: External Jet Pump (Sold Separately)

Pump Controller: Pressure Switch or Integral to Pump (Sold Separately)

Solenoid Valves: Normally Closed Metal Housed Class F120 VAC BunaN Seal Brass Valve Body 3/4" NPT

Floats: Two Floats Upper Float to Guard against Overflow and Lower Control Float

Electrical Requirements: Dedicated circuit. For 115V models, use a 20amp breaker and, at minimum, 12/2 with ground electrical wire. For 230V models, use two 15amp breakers and, at minimum, 14/3 with ground electrical wire.

Recommended Flow: 433 up to 15 GPM; 433-1 up to 20 GPM

Radon Reduction: Up to 99+%

Water Inlet/Outlet Connections: 433 3/4" Hose; 433-1 1" Hose

Vent Line: 2" or 3" PVC Pipe

Air Inlet: Via 10 Micron Filter

Tank: Double Wall Insulated NSF Rated for Potable Water

Tank Operating Capacity: Up to 42 Gallons (Total Internal Volume 65 gallons)

Model*	P/N	System Voltage	Blower	Pump	Plumbing Connection	Flow Rate ¹	PSI Range ²	Radon Reduction ³	Tank Dimensions
433 (115V)	28172	115V UL Listed Control Panel	0.5 hp Regenerative Blower 5.0 Max Amp.	Sold Separately	3/4" Sharkbite	up to 15 GPM ⁴	PSI's Vary	up to 99+%	35"H x 34.25"W x 22"L
433 (230V)	28181	230V UL Listed Control Panel	0.5 hp Regenerative Blower 2.5 Max Amp.	Sold Separately	3/4" Sharkbite	up to 15 GPM ⁴	PSI's Vary	up to 99+%	35"H x 34.25"W x 22"L
433-1 (115V)	28180	115V UL Listed Control Panel	0.5 hp Regenerative Blower 5.0 Max Amp.	Sold Separately	1" Sharkbite	up to 20 GPM ⁴	PSI's Vary	up to 99+%	35"H x 34.25"W x 22"L
433-1 (230V)	28182	230V UL Listed Control Panel	0.5 hp Regenerative Blower 2.5 Max Amp.	Sold Separately	1" Sharkbite	up to 20 GPM ⁴	PSI's Vary	up to 99+%	35"H x 34.25"W x 22"L

* 2 year limited warranty. Inquire for details.

- 1 Flow rate out of system must be balanced to be less than flow rate into system.
- 2 Dependent upon repressurization selection. Please call for technical assistance.
- 3 Site-specific characteristics and system implementation may effect performance.
- 4 Higher flow rates will require proper sizing. Please call for sizing and technical assistance.

Dealer:


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 Ward Hill, MA
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 Diffused Bubble Aeration Systems