



# AIRRaider™ 433 Series

## Setting the Standard in Radon In Water Removal

For nearly 20 years, the AIRRaider 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.

- ✓ **Up to 99+ Percent Radon Removal**  
Customer-confirmed; independently tested.
- ✓ **Smaller Footprint**  
Unobtrusive, compact design.
- ✓ **Easy Maintenance**  
Fully accessible, for easy cleaning from the top.
- ✓ **Quieter Operation**  
The built-in pump reduces audible level of pump noise.
- ✓ **No Sweating**  
The double-wall foam-insulated tank will not sweat.



### Tank Features Include:

#### Attractive 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

Removable baffles improve already easy cleaning and maintenance of the 433 series.

#### Lid sealing method

Molded-in brass t-nuts and stainless steel machine screws provide a tight, mechanically positive seal.

# AlRaider™ 433 Series



MODEL*	P/N	SYSTEM VOLTAGE	BLOWER	PUMP	PLUMBING CONNECTION	FLOW RATE <sup>1</sup>	PSI RANGE <sup>2</sup>	RADON REDUCTION <sup>4</sup>	TANK DIMENSIONS
433 (115V)	28319	115V UL Listed Control Panel	0.5hp Regenerative Blower 5.0 Max Amp	Sold Separately	¾" Shark Bite	up to 15 GPM <sup>3</sup>	40-60	up to 99+%	35"H x 34.25"W x 22"L
433 (230V)	28320	230V UL Listed Control Panel	0.5hp Regenerative Blower 5.0 Max Amp	Sold Separately	¾" Shark Bite	up to 15 GPM <sup>3</sup>	40-60	up to 99+%	35"H x 34.25"W x 22"L
433-1 (115V)	28321	115V UL Listed Control Panel	0.5hp Regenerative Blower 5.0 Max Amp	Sold Separately	1" Shark Bite	up to 20 GPM <sup>3</sup>	40-60	up to 99+%	35"H x 34.25"W x 22"L
433-1 (230V)	28322	230V UL Listed Control Panel	0.5hp Regenerative Blower 5.0 Max Amp	Sold Separately	1" Shark Bite	up to 20 GPM <sup>3</sup>	40-60	up to 99+%	35"H x 34.25"W x 22"L

\* 2 year limited warranty. Inquire for details.

<sup>1</sup> Flow rate out of system must be balanced to be less than flow rate into system.

<sup>2</sup> Range may vary slightly

<sup>3</sup> GPM dependent upon repressurization selection. Higher flow rates will require proper sizing. Please call for sizing and technical assistance.

<sup>4</sup> Site-specific characteristics and system implementation may affect performance.

## PERFORMANCE & 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 Buna-N Seal Brass Valve Body ¾" NPT

**Float Switches:** Two Floats: Upper Float to Guard against Overflow and Lower Float to Turn System On/Off

**Electrical Requirements:** Dedicated Circuit

115VAC Models: Use a 20amp breaker and, at minimum, 12/2 with ground electrical wire

230VAC Models: Use a two 15amp breakers and, at minimum, 14/3 with ground electrical wire

**Radon Reduction:** Up to 99+%

**Water Inlet/Outlet Connections:** 433 ¾" Hose; 433-1 1" Hose

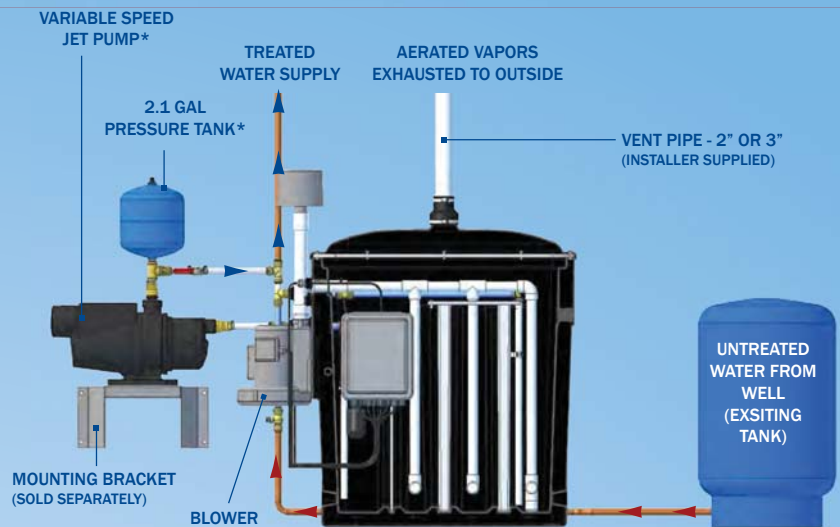
**Vent Outlet:** 3" for use with 2" or 3" PVC Vent Pipe (Supplied by Installer)

**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)

## TYPICAL SYSTEM INSTALLATION



\*SOLD SEPARATELY. REPRESSURIZATION PACKAGES AND ACCESSORIES VARY.

DEALER:  **PUROLOGIX™**  
WATER SERVICES, INC.  
919-577-1178  
www.purologix.com  
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For More Information:  
[RadonAway.com](http://RadonAway.com)