STERLING
WATER TREATMENT

The Duke aerator utilizes aeration for the removal/ reduction of gases from potable water. Aeration is the best known method for the safe removal of these gases without the use chemical agents.

Duke Aerator

Gas Diffusion System

HOW IT WORKS:

Raw well water enters the unit and is sprayed out of 6 special non-clogging nozzles. This creates a fine mist, which allows for the releasing of gases from the water.
These gases include:

- Sulfur
- Radon
- Volatile Organic Compounds
- Carbon Dioxide
- Odors

OTHER BENEFITS INCLUDE:

- Indoor cover with exhaust blower
- Bottom drain port for easier system cleaning
- Reduction of annoying odors
- Years of low-cost operation
- Durable, high density polyethylene blow molded construction
- Made with FDA approved components
- Twist top accessibility
- Movable base
- Flat inlet outlet connection areas
- 1/2 HP submersible 115V pump for re-pressurization
- Built-in run dry protection

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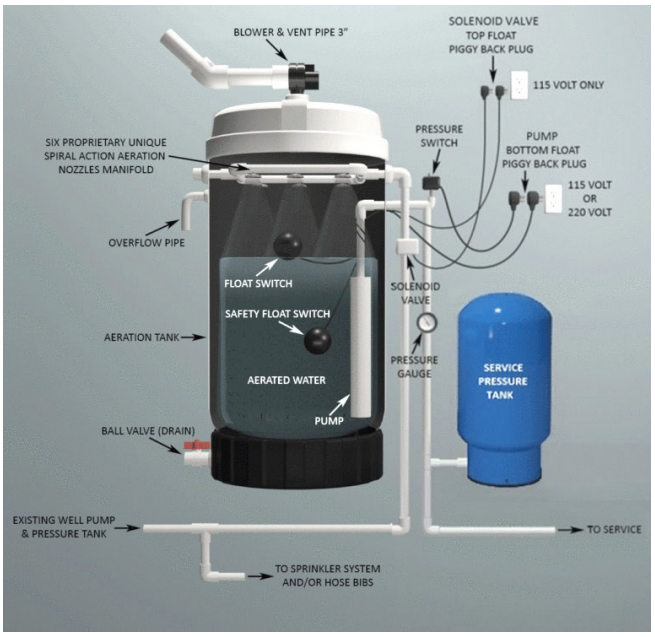
Duke Aerator

Gas Diffusion System Specifications

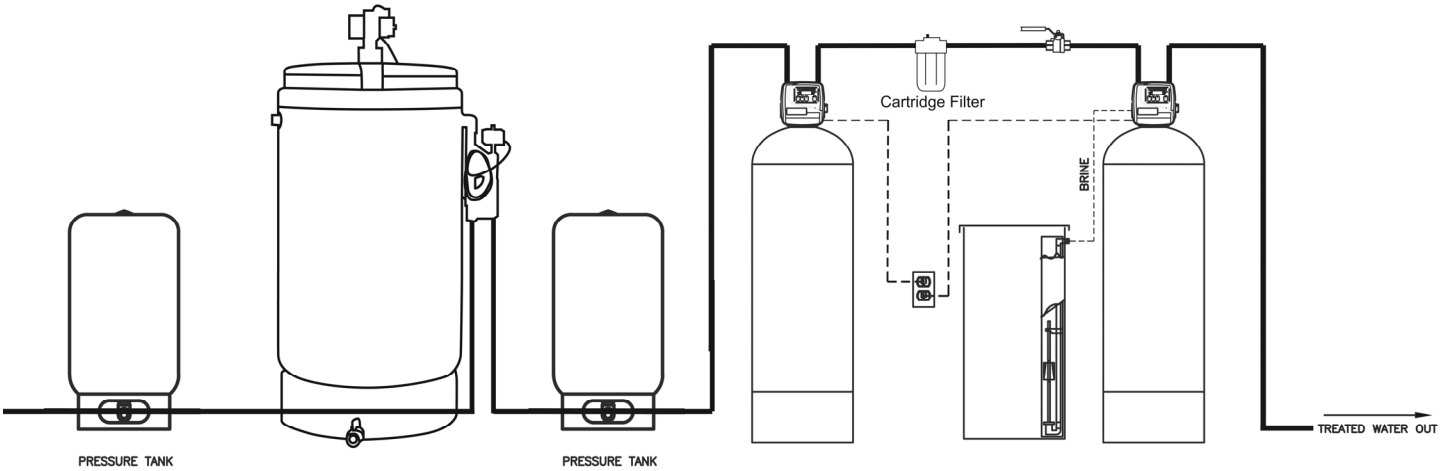
Model Number	Inlet/Outlet Pipe	Inlet Flow Rate	Outlet (exhaust)	Height	Width	Weight Empty	Max Storage	Total Weight Full
AERO1IRM-L-PT	1” PVC	40 gpm max	3”	70”	40”	110 lbs.	130 galons	920 lbs.

Voltage	Amp	Pump
110 volts	11 amp	1/2 hp 20 gpm submersible



When considering installation of aeration units, other water quality issues must be taken into account as well, such as levels of iron, manganese and other contaminants. Water with high levels of these types of contaminants may need to be pre-treated in order to prevent clogging the aeration unit. Disinfection equipment may also be recommended since some aeration units can allow bacterial contamination into the water system. Contact your dealer for the recommended filtration system.
Note: System not to be used on water with flammable or explosive gases.

Potential application when multiple filtration stages are required based on water quality.



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