

Hydrojet[®] Total Performance.



High Efficiency, High Deliverability, Highly Effective Self-Cleaning System

A clean tank is just the beginning.

Bradford White's *Hydrojet Total Performance System* gives the plumbing trade a strong technological advantage. It applies the laws of physics and augments the power of flowing water to create a new level of top performance. *And, it's standard equipment on all Bradford White top connect residential water heaters.**

The Hydro-dynamic achievement of turbulent action.

The Hydrojet delivery tube, with a series of concentric "jet ports", creates an incredible amount of turbulent action inside the tank. Water flowing into the tank encounters a series of up to 30 flow altering "jet ports". Set at precise space intervals, these ports redirect some of the flow outward into the tank to begin the dynamic mixing action. The remainder of the ports direct flow inward to create a counter-rotating action that produces increased turbulence and accelerated mixing inside the tube. The pressure increases and the water is forcefully blown out into the tank. Unlike a conventional dip tube where water exits with a weak diffusing action, water exiting the Hydrojet system is in complete turbulence. This new design is exceptionally efficient, measured to be three to five times better than an ordinary dip tube. Not surprisingly, the Hydrojet system generates the desired turbulent action even with low incoming flow rates.

Bradford White's Hydrojet Total Performance System.

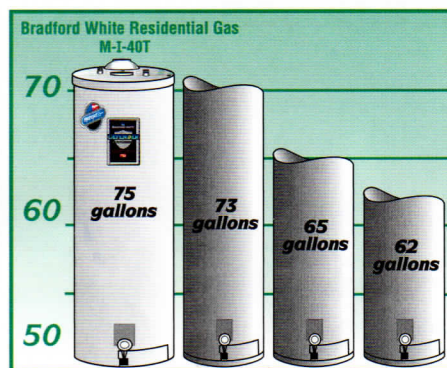
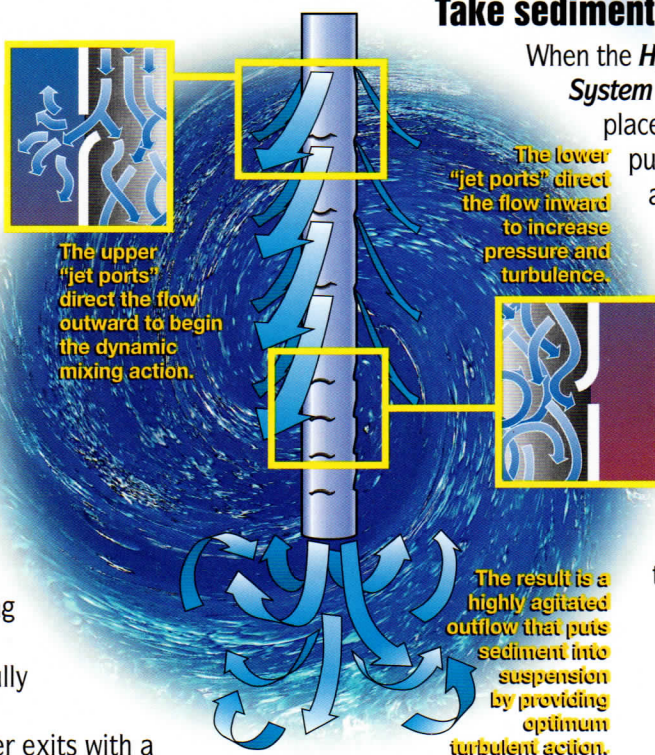
Because of more efficient mixing, extreme temperature differences throughout the tank (called thermal stratification or stacking) are greatly reduced.

Peak water temperatures inside the tank are reduced by as much as 17%. Water heaters with the Hydrojet system don't have to work as hard or as often to maintain a maximum supply of hot water at the desired temperature. They heat water faster and use less energy to do it.

Not simply a device to boost performance, The Hydrojet System lengthens the operating life of a water heater.

Take sediment for a ride.

When the *Hydrojet Total Performance System* goes to work, sediment has no place to hide. The turbulent action puts dissolved solids such as lime and other minerals into suspension when water is delivered into the tank. Whenever water is drawn, particles are prevented from settling to the bottom of the tank or building up on interior surfaces. The Hydrojet system cleans the heat transfer surface of harmful deposits every time there's a call for hot water.



A Bradford White 40 gallon gas water heater equipped with the Hydrojet system outperforms the competition

*Not available on utility, tabletop or side connect models.