Yardney Water Filtration Systems utilize backwash valves patented and manufactured in-house by Yardney. All three models (1.5", 342, 454) of Yardney backwash valves are manufactured from cast iron and CNC machined to achieve the lowest pressure drop in the industry. The Yardney backwash valve is the only valve in the industry designed as standard equipment to be 100% field serviceable with basic hand tools and includes a grease fitting for valve shaft lubrication.

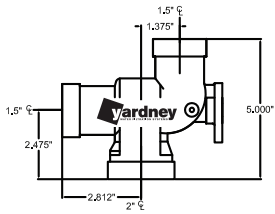(cutaway view)

Applications

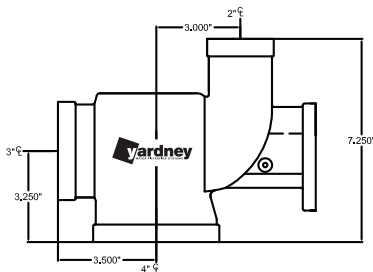For backwashing Yardney media filters and Maxi-Flush screen filters

Advantages

- Heavy duty and durable
- Rugged and 100% field re-buildable with basic hand tools
- CNC machined cast iron valve body
- Stainless steel seal retainers
- Polyurethane valve seal for durability and long life
- Internal steel parts are 100% polyester powder coated for extended life
- Exterior of valve is coated with UV stabilized polyester powder coat for longer product life and greater protection from the environment
- 3M Scotchkote® 134 fusion bonded epoxy coating on 100% of the internal valve body

- Replaceable brass bushing with internal grease cavity and double O-ring seal protected for easy on-site maintenance without removal of the valve from the system—a feature not found in competitive valves
- Grease fitting for periodic maintenance and lubrication of the valve shaft—a feature not found in competitive valves
- Type 416 pump shaft quality stainless steel valve shaft with wrench flats for easy removal and service
- Available in 1.5", 3" and 4" sizes
- Air or water actuation
- Made in USA

Irrigation Systems
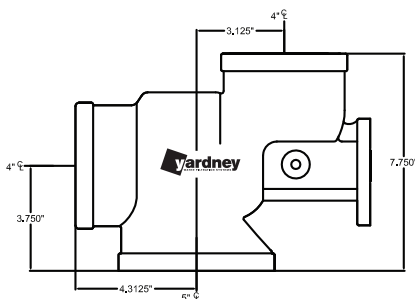
1-1/2" VALVE
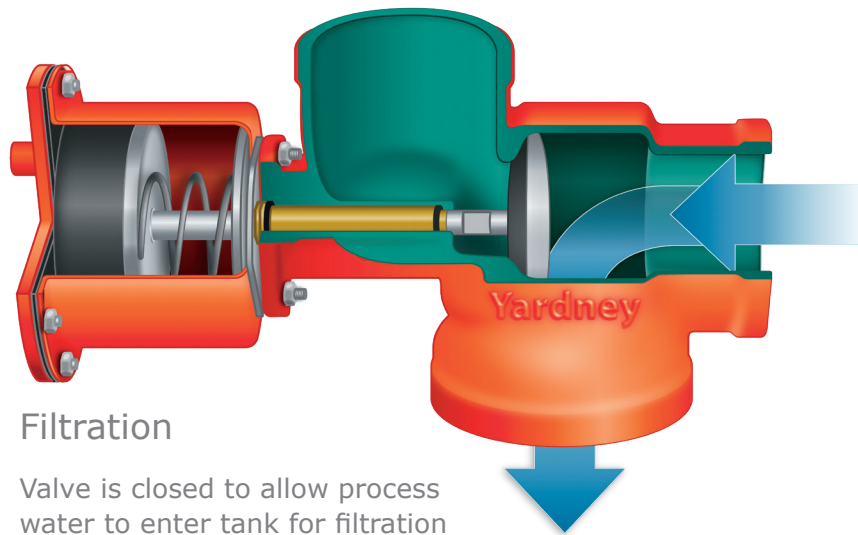USED ON 14" & 18" TANKS

342 VALVE
USED ON 24" & 30" TANKS
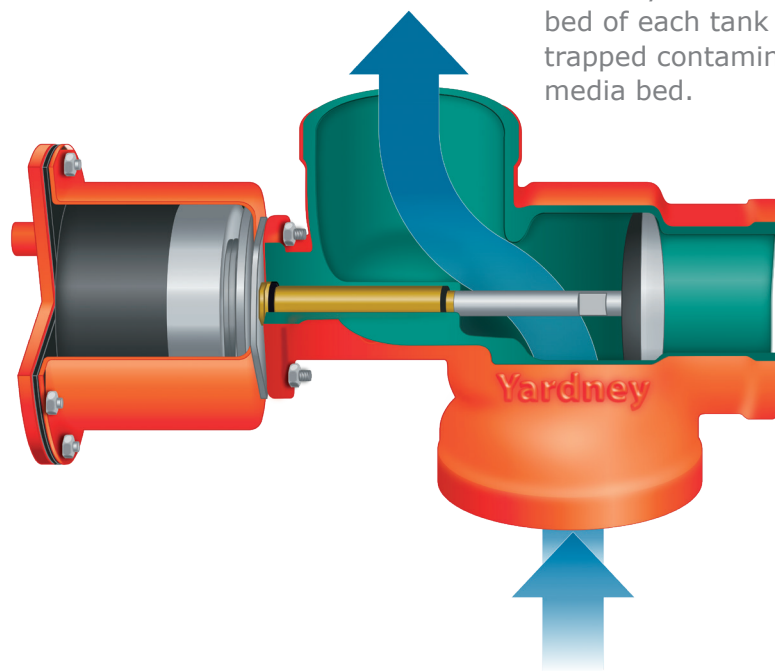

454 VALVE
USED ON 36", 48" & 54" TANKS

Filtration

Valve is closed to allow process water to enter tank for filtration of the water.

Backwash

Valve opens to create a reverse flow of water. This reverse flow of water hydraulically lifts the media bed of each tank purging any trapped contaminants within the media bed.

Made in USA

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