

Certifications

American Society of Mechanical Engineers (ASME)

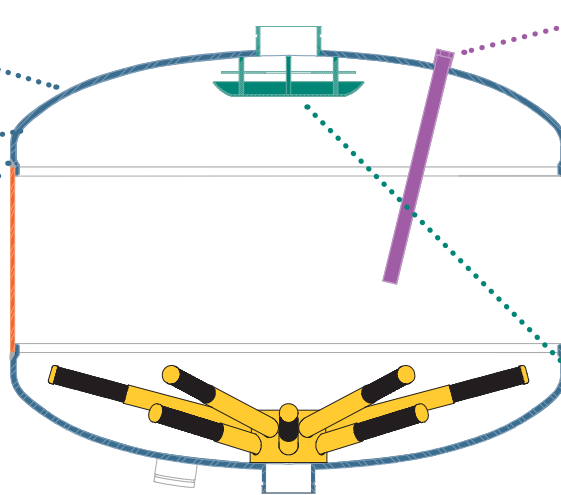
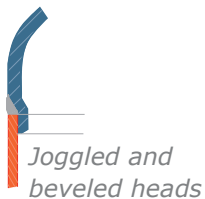
National Board of Boiler and Pressure Vessel Inspectors

Features

■ ASME code shaped for durability and safety

■ Stamped heads vs spun heads result in approximately 22% increased thickness at the knuckle radius

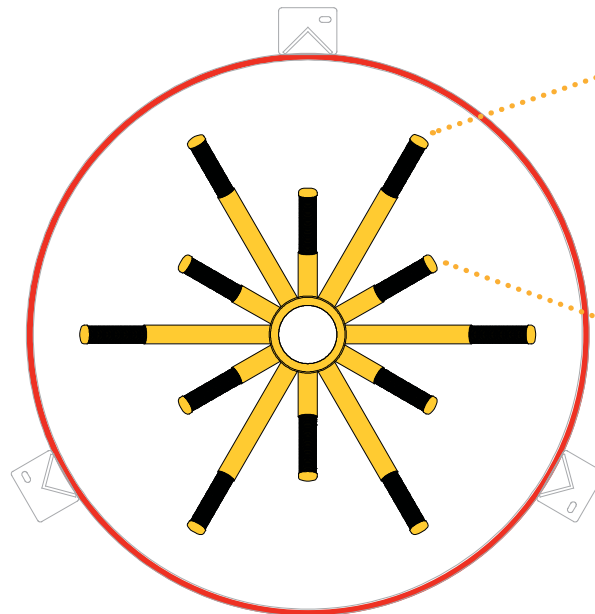
■ Joggled and beveled, die-formed stamped heads maintain consistent wall thickness across the entire head, including the knuckle radius and provide a backing when welding, creating a lap weld vs a butt weld



■ Sacrificial anodes made from magnesium, zinc and aluminum, help control corrosion in the tank—a feature exclusively found on Yardney stainless steel sand media tanks



■ The inlet and two-stage deflector plate reduce the velocity of water entering the tank and create a more uniform distribution across the filtration media bed



■ High strength stainless steel wedgewire underdrain with a collapse resistance of 600 psi insures the structural integrity of the underdrain during the harshest conditions

■ Hydraulically balanced stainless steel lateral underdrain design provides a uniform flow during filtration and optimal fluidization to increase effectiveness of backwash while reducing flush frequency and waste of water

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