



SINCE 1908
wessels
company

HYDRONIC, HVAC SPECIALTY EQUIPMENT



Product Overview

Products Built to
ASME
Pressure Vessel
and Boiler Code



AHRI CERTIFIED®
www.ahridirectory.org
Liquid to Liquid Heat Exchangers
AHRI Standard 400





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**Quality Manufacturing
and Outstanding
Customer Service**

Wessels offices and worldwide sales are headquartered in Greenwood, Indiana, a suburb just south of Indianapolis. Our adjacent 110,000 square foot facility is responsible for the manufacture of tanks up to 36" diameter with a variety of available lengths. In 2007, we expanded our operations to Tiffin, Ohio and formed Wessels East, our Large Tank Division.

Wessels East houses a 60,000 square foot manufacturing space with a 25-ton bridge-crane capacity and highly skilled, custom fabricators and engineers. The structure of the facility allows for easy railway access and a focus on large scale custom tanks and vessels. Wessels East is capable of building vessels up to 144" in diameter and up to 50 feet in length. With the addition of this new facility, we're proud to offer best in class lead-times and the flexibility to service a wide range of customers.

Greenwood, IN Tiffin, OH



EXPANSION TANKS

Bladder, diaphragm, and compression style tanks maintain system pressures by accepting and expelling the changing volume of water as it heats and cools.

Expansion, Thermal, and Hydro-pneumatic tanks available with Smart Monitor in ASME and Non-ASME.

Models: NLA, NL, NVA, NLAP, NTA, N, NA, NAG, TXA, TX, TTA, T, FXA, FX, FXT



GLYCOL MAKEUP PACKAGES

Automatically supply pressurized water or water-glycol mixture to closed-loop systems to maintain critical minimum system pressure levels.

Available in Glymatic, Simplex, Duplex, and Twin packages.

Models: GMP, GMPD, GMPT



FILTRATION VESSELS

Enable the physical or mechanical process of separating insoluble particulate matter from a fluid by passing through a filter medium that will not let the particulates through.

Bag or cartridge filter style carbon steel, stainless, and aluminum pressure vessels available in ASME and Non-ASME.

Models: CF, 4NCF, BF, 4NBF, HP, 6HP, HFH, HFV, TFA, TFS



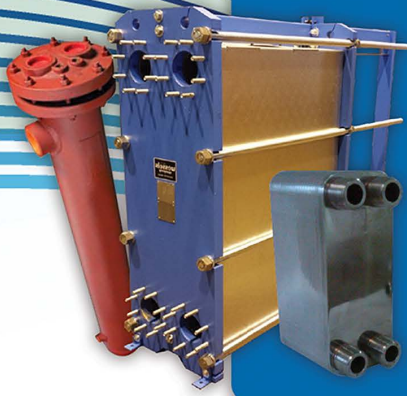
SHOCK AND SURGE

Replaceable bladder pre-charged hydro-pneumatic tanks effectively control water hammer shock and pump start-up/shut-down water surge.

Commercial, Industrial, Well-Water, Fire Protection and Municipality tanks available in ASME and Non-ASME.

Models: SSA

America's Leading Supplier of Custom



HEAT EXCHANGERS

Designed and manufactured to efficiently transfer heat between two fluids (gas or liquid) while keeping them separate.

WesPlate® Plate & Frame (AHRI Certified), WesPac® Brazed Plate, and WesTube® Shell & Tube available in ASME and Non-ASME.

Models: WP, WPDW, WB, WBDW, WST, WWT, WSD, WWDD



AIR/DIRT SEPERATORS

Eliminate entrained air and separate debris associated with start-up and maintenance of any hydronic system.

In-line Air Purgers, Tangential/Vortex Air Separators, Centrifugal Separators and Air/Dirt Separators available in ASME and Non-ASME.

Models: WVA, WVAN, WVN-N, WVA-G, WVAA, WVNA, WVAD, WVAD-N, WVND-N, AP, SPA

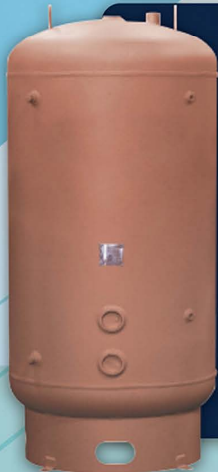


BUFFER TANKS

Eliminate problems such as excessive chiller or boiler cycling, poor temperature control, and erratic system operation by installing additional "buffer" capacity.

Chilled Water and Hot Water buffer tanks available in ASME and Non-ASME.

Models: CBT, HBT-2 Port, HBT-4 Port



STORAGE TANKS

Glass or epoxy lined carbon steel vessels designed for commercial and industrial systems that require internal protection more robust than traditional fabricated plain steel designs.

Storage tanks for potable water or water heating systems available in ASME and Non-ASME.

Models: GN, GA, EA

Wessels has developed an excellent reputation for delivering high quality products for hot and chilled water HVAC systems. Every part that goes into our products is tagged and is traceable throughout the life of the product. To ensure international standards of quality, Wessels is ASME certified and meets the Japanese Inspection Standard (JIS). As a result, we're recognized for delivering a wide breadth of high quality pressure vessels that are cost competitive and delivered on a timely basis.

Our ability to offer high quality products and deliver outstanding customer service has allowed Wessels to foster long-term relationships with many of our customers. Fast turn-around, personalized customer service and large factory capabilities make us uniquely suited to handle local and worldwide sales, including distribution in Asia and the Middle East.

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wesselscompany.com

and Specialty Tanks for Over 100 Years



MEDIA BLAST POTS

High-performance, versatile blast cleaning tanks are used in systems for removing contamination, corrosion, mill scale, and coatings from most surfaces.

Media blasting produces a uniform surface texture and creates a surface profile to increase bonding for coatings. Available in ASME and Non-ASME.

Models: BPA, BPN



BLOWDOWN TANKS

Reduce temperature and pressure of the blowdown discharge from the boiler.

Manufactured in over 40 sizes based on inlet/outlet and venting design requirements available in ASME and Non-ASME.

Models: BDT, BDTN



FLASH TANKS

Allow high-pressure condensate to flash and reduce pressure steam.

Sparge and drop-leg designs available to meet any design condition in ASME and Non-ASME.

Models: FTA, FTA-V, FTN

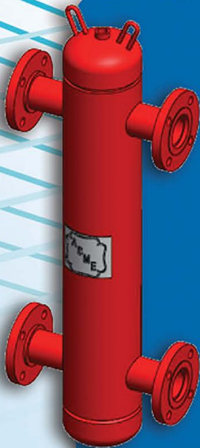


FULL FLOW TANKS

Protect against the growth of bacteria and biofilm by creating turbulent, flow-through water circulation and elevated temperatures throughout the vessel in thermal applications.

Available in ASME as standard.

Models: TXA-FF, TX-FF



PRIMARY/SECONDARY HEADERS

Used in heating and cooling systems that require the primary and secondary loop of their system to be interlocked.

Designed to keep both connected hydraulic circuits completely independent from one another and to provide a means for system air elimination. Available in ASME and Non-ASME.

Models: PSA, PSN, PSAV, PSNV, PSAVR



CONDENSATE NEUTRALIZERS

Condensate Neutralizers are acidic condensate neutralizer boxes divided into sections with easy-to-use bags of media in each chamber. The media bags feature helpful expiration labels to track performance. Services boilers up to 3.5 million BTU/Hr.

Models: WCN, WCN-2



CUSTOM TANK FABRICATION

Wessels Company offers industry expertise in custom tank fabrication for applications including filtration, shock & surge arrestors, stainless tanks, media blast pots and other specialty designs according to desired specifications.

Visit westank.com/custom-tanks/ for more information.