



Duplex Booster System with VMS Pumps



Triplex Booster System with End-suction Pumps

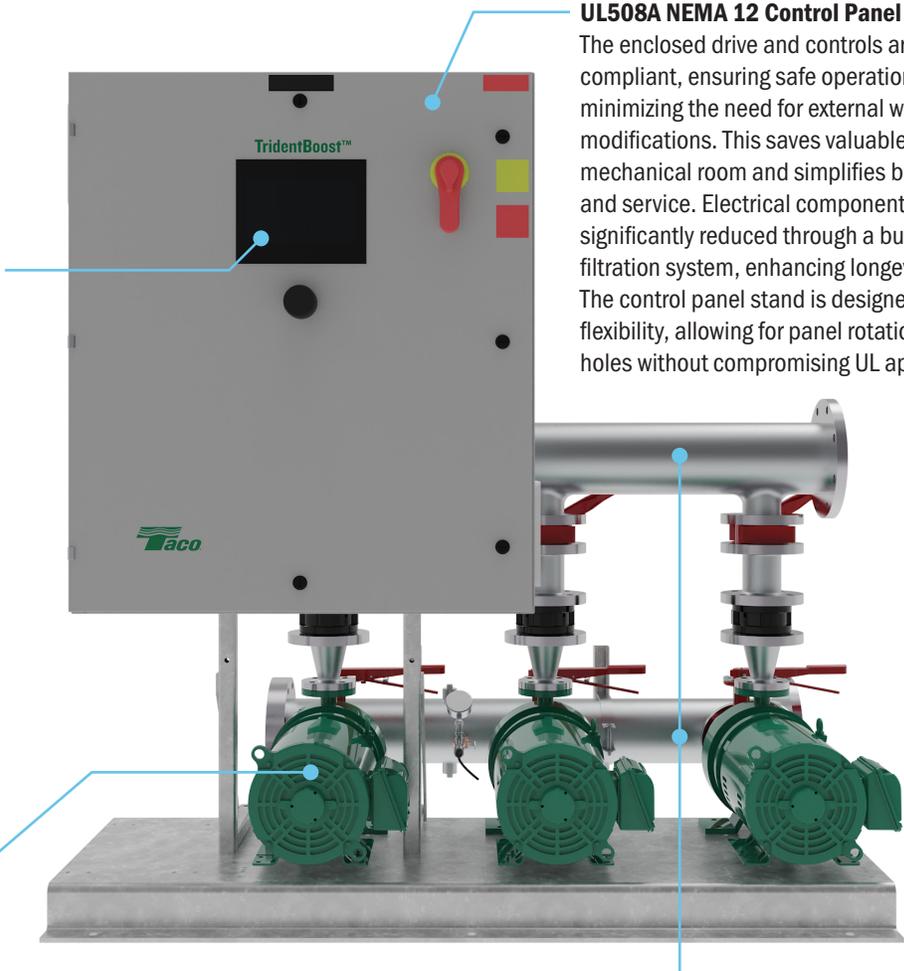
The Taco TridentBoost features a full-color, high-resolution 10" HMI touchscreen with an intuitive start-up wizard that simplifies commissioning and streamlines system setup—no laptop required. The interface is user-friendly and designed to make operation and diagnostics quick and accessible. A fan-forced cooling system enhances enclosure reliability, while being fully compliant with ASHRAE 90.1 ensuring that the controls meet modern energy efficiency standards.

The TridentBoost skid offers flexibility with options for both end suction and vertical multi-stage pumps, allowing for application-specific configurations. Constructed with a rugged steel hot-dipped galvanized base with stainless steel headers, the improved skid design provides durability and corrosion resistance. Field-configurable headers make on-site changes fast and efficient, with a no-gasket design that simplifies installation and minimizes maintenance requirements.

FEATURES & BENEFITS

10" Color Touchscreen

A color touchscreen interface enhances the user experience by providing an intuitive, visually clear platform for operating and monitoring the booster system. With a large, full-color display, operators can easily navigate through system menus, view real-time performance data, and access diagnostics or alarms at a glance. The interactive display also eliminates the need for external devices, such as laptops, for most configuration and troubleshooting tasks.



UL508A NEMA 12 Control Panel

The enclosed drive and controls are UL508A compliant, ensuring safe operation while minimizing the need for external wiring or mounting modifications. This saves valuable space in the mechanical room and simplifies both installation and service. Electrical component exposure is significantly reduced through a built-in panel filtration system, enhancing longevity and reliability. The control panel stand is designed for field flexibility, allowing for panel rotation using predrilled holes without compromising UL approval.

Available in End Suction or VMS Pumps

The choice between end suction and vertical multi-stage (VMS) pumps provides the flexibility to meet a wide range of performance and space requirements. End suction pumps are well-suited for applications requiring moderate pressure and flow, offering ease of maintenance and a compact horizontal footprint. In contrast, vertical multi-stage pumps are ideal for high-pressure applications, delivering greater energy efficiency and quieter operation in a slim, vertical design—perfect for space-constrained mechanical rooms.

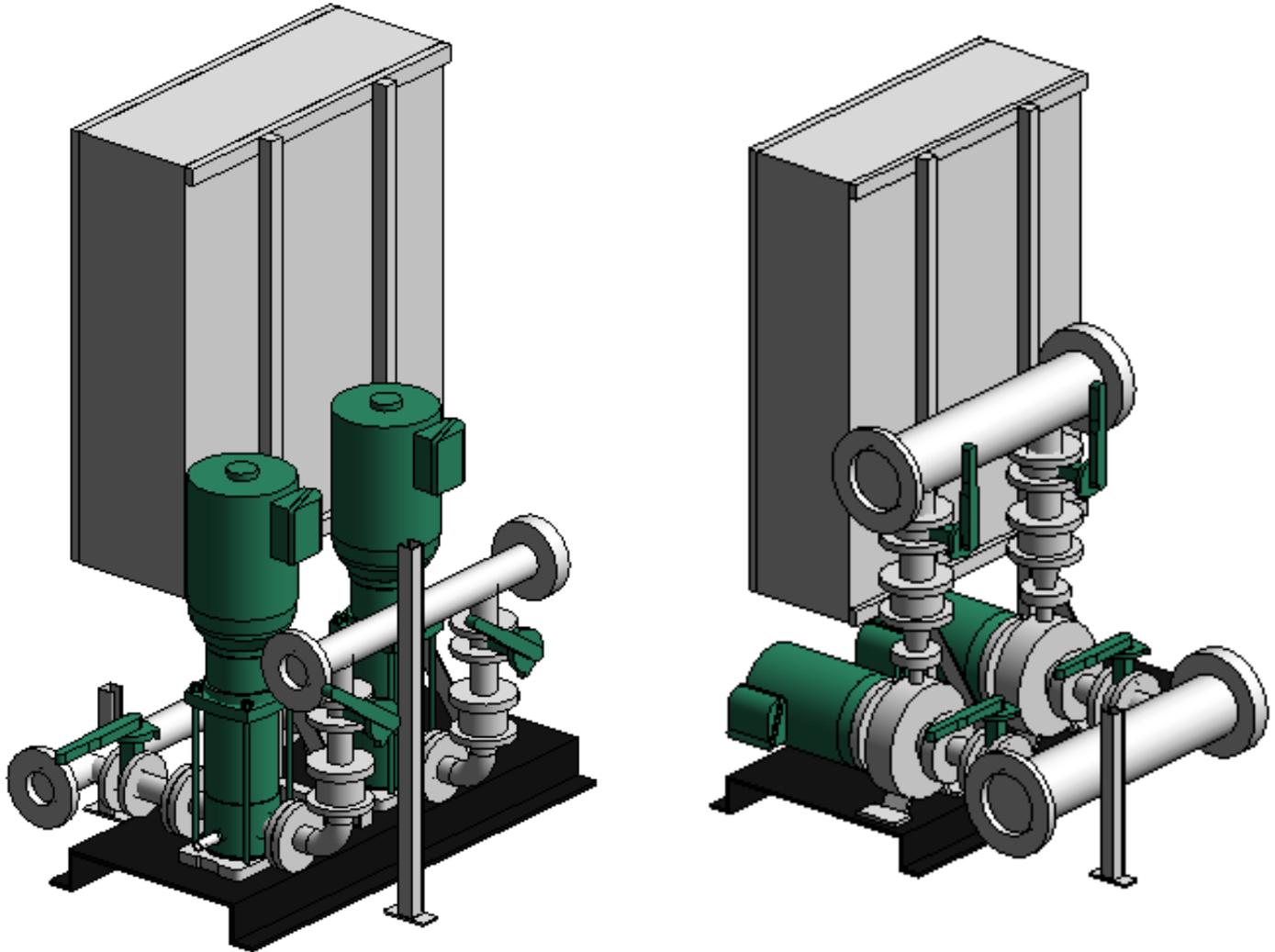
Field-configurable Headers

A field-configurable header provides significant flexibility and convenience during installation and maintenance of booster systems. Contractors or facility managers can adjust the piping layout on-site to fit specific space constraints or system requirements without the need for factory modifications. This adaptability can reduce installation time, simplify logistics, and lower overall project costs. Additionally, field-configurable headers minimize the risk of leaks and streamline future service or reconfiguration.

APPLICATIONS

- Multi-family Homes
- High Rises
- Hospitals
- Schools
- Industrial Facilities
- Hotels
- Municipal Buildings
- Residential Complexes and Communities

REVITS



MATERIALS OF CONSTRUCTION

		CASING	COVER	IMPELLER	SHAFT	SHAFT SLEEVE	MECHANICAL SEAL
VMS construction for TridentBoost	NSF/ANSI/CAN 61 CERTIFIED	Stainless Steel AISI 316	Stainless Steel AISI 316	Stainless Steel AISI 316	Stainless Steel AISI 316	Tungsten Carbide WC	Graphite/SIC EPDM
CI Construction for TridentBoost	NSF/ANSI/CAN 61-G & 372 CERTIFIED	Cast Iron ASTM A48/A48M-03 Class 30A	Cast Iron ASTM A48/A48M-03 Class 30A	Stainless Steel ASTM A351/A 351M-08	Stainless Steel TYPE 416"™" ASTM A582	Bronze ASTM B584-98A C92200	Ceramic/EPT



LET'S MAKE WATER WORK— TOGETHER.



At Taco, we're more than pump experts. We're problem solvers, team players, and people who genuinely care about your success. Wherever you are, whatever you need—we're your partner for peace of mind.

Making Water Work for People, Progress, and the Planet.