

*North America – 60 Hz.*

## Brochure

Control Panels for Water and Wastewater Industry Solutions







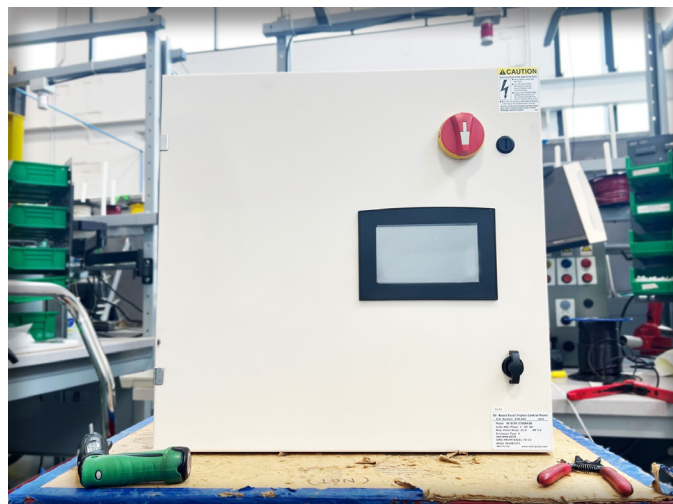
WILO USA, a subsidiary of WILO SE, is one of the world's leading manufacturers of pumps and pump systems for building services, the entire water management chain, and industry. Based in Dortmund, Germany, WILO SE is increasingly moving away from being just a supplier of components and moving toward being a system supplier. Wilo provides products, systems and solutions.

Wilo has an in-depth understanding of the future global development trends, and constantly introduces new products and new technologies to respond to these trends. We are constantly concerned about globalization, urbanization, climate change, energy scarcity, water scarcity, technological advancement and digitalization. These trends are closely related to our daily life and are extremely important to the development direction of our products.



## Standard Electromechanical Control Panels.

An electromechanical pump control panel is a type of control panel used to operate and manage pumps using electromechanical components, such as relays, timers, and switches. They often include manual controls and indicators, and it relies on physical electrical components to manage pump functions such as starting, stopping, and regulating pump speed. Electromechanical panels are generally simpler in design, have reduced cost, more reliability, ease of maintenance and durability.



## Premium PLC Control Panels.

A Programmable Logic Controller (PLC) is a sophisticated control system designed to manage and automate the operation of pumps relying on software and digital processing to control panel operations. PLC's allow the user more flexibility and programmability allowing for tailored solutions to meet specific operational requirements. PLC's can also collect and log operational data, which can be used for performance analysis, maintenance scheduling, and troubleshooting.



## Customized Control Panels.

Wilo offers a wide range of standard control panels, but often applications may require a customized solution. Wilo has the ability to pre-program your panel to meet specific requirements of the system along with the option to add additional features. Whether you need the straightforward dependability of an electromechanical panel or the advanced capabilities of a PLC system, Wilo delivers customized control panels designed to meet your exact needs and ensure reliable operation of your pump systems. Contact us to find out how we can help tailor a solution to fit your application.



# UL508 UL698 Control Panel Shop

All Control Panels UL Labeled and Listed

## NEMA Enclosure Styles

- Type 1** Steel Painted (Indoor use only)
- Type 3R** Steel Painted (Indoor/Outdoor Use)
- Type 4** Steel Painted Gasketed (Indoor/Outdoor Use)
- Type 4X** Stainless Steel, Fiberglass, or Poly Gasketed (Indoor/Outdoor Use)
- Type 7** Cast Aluminum (Explosion Proof Construction)

*Also available in Double Door Dead Front (DDDF) Construction*

### Typical Type 1 Steel Painted Enclosure

Duplex Alternating Panel with Pump Run Lights and Pump Test/Run Switches

Control Power and High Water Lights and Alarm Horn with Latching Lockable Handle



### Typical Type 3R Steel Painted Enclosure

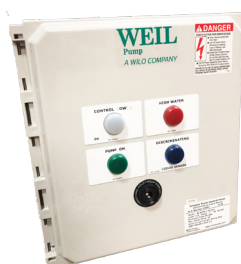
Duplex Alternating Panel with 4.3" Color PLC Touchscreen

Includes Main Disconnect, Alarm Horn and Dome Light with Latching Lockable Handle

### Typical Type 4X Fiberglass Enclosure

Duplex Alternating Panel with 7.0" Color PLC Touchscreen

Includes Main Disconnect, Alarm Horn and Dome Light with Lockable Latches



### Typical Type 4X Poly Carbonate Enclosure

Duplex Alternating Panel with Pump Run Lights

Control Power and High Water Lights and Alarm Horn



## Custom Control Panel Applications.

### 5 Pump Pressure Booster System Panel

Redundant electromechanical operation to main digital control

Includes:

- Individual Pump Disconnects
- Through-the-Door VFD Screens
- Pump Run and Alarm Indicator Lights



### 4 Pump Pressure Booster System Panel

2 Door Double Dead Front Enclosure

Provides for secured controlled accessibility

Includes:

- Interior Door Mounted 7" PLC touchscreen and Main Disconnect
- 4 VFD's and related control components



### 4 Pump Pressure Booster System Panel

Type 4 Double Door Steel Painted Enclosure

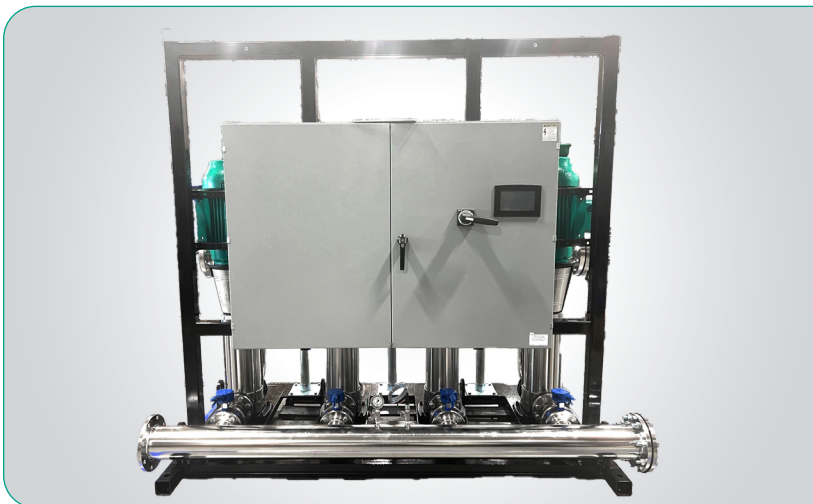
Through-the-Door Main Disconnect

Lockable Latchable Door Handle

Door Mounted 7" PLC touchscreen

Includes:

- Interior Mounted 4 VFD's and related control components





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Pioneering for You

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