

WS Series® duplex control panels will control two 120/208/240V single phase or two 208/240/480V three phase pumps designed for dewatering, wastewater, and sewage applications. See Water duplex control panels come standard with a clear front NEMA 4X rated enclosure, IEC rated contactors, and motor protective switches. All panels are UL listed for the United States and Canada, and come standard with a five-year warranty.



Features

- Indoor/outdoor NEMA 4X panel enclosure: Heavy duty polycarbonate with stainless steel lockable latches
- Duplex provides: Two-pump alternation and high demand two-pump operation
- Pump control visible indicators: Pump #1 and #2 hand-off-auto (H.O.A.) switch, green Pump Run lights, red Pump Fault lights with reset button, and Power On light
- Alarm visible indicators: High red beacon alarm light, alarm test and silence buttons
- Alarm horn sounds at 85 decibels at 10 feet
- Remote monitoring by dry contacts: High Liquid, Pump Run(s), and Pump Fault(s)
- Upgraded pump protection: Motor protective switches included for both pumps (Branch circuit protection, adjustable overload and disconnect) and thermal cutout with indicators
- UL listed for the United States and Canada

Applications

- Sewage pump chambers
- Grinder pumps
- Sump pump basins
- Lift stations

Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers.



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Duplex Single Phase: 120/208/240VAC

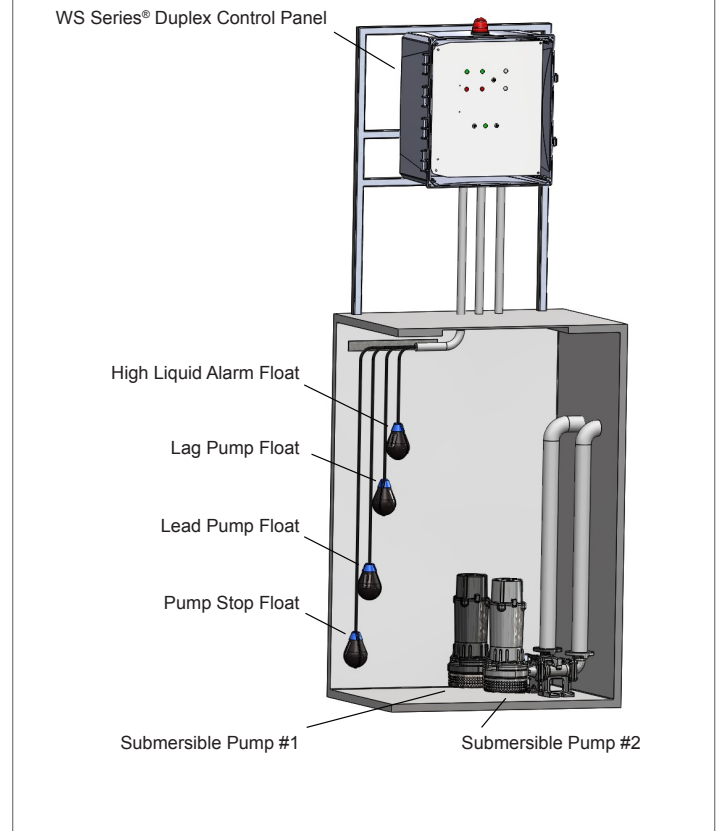
Model	Pump Full Load Amp Rating
WD1P-4-1021	0.0-7.0 FLA
WD1P-4-1022	7.0-15.0 FLA
WD1P-4-1023	15.0-22.0 FLA
WD1P-4-1024	22.0-28.0 FLA
WD1P-4-1025	28.0-36.0 FLA

Note: Thermal overload protection is generally provided in single phase pumps. To request a specific overload on the single phase models, contact the factory. Each panel includes motor protective switches that will provide accurate pump circuit breaker protection.

Duplex Three Phase: 208/240/480VAC

Model	Pump Full Load Amp Rating
WD3P-4-3021	1.0-1.6 FLA
WD3P-4-3022	1.6-2.5 FLA
WD3P-4-3023	2.5-4.0 FLA
WD3P-4-3024	4.0-6.3 FLA
WD3P-4-3025	6.0-10.0 FLA
WD3P-4-3026	9.0-14.0 FLA
WD3P-4-3027	13.0-18.0 FLA
WD3P-4-3028	17.0-23.0 FLA
WD3P-4-3029	20.0-25.0 FLA
WD3P-4-3030	24.0-32.0 FLA
WD3P-4-3031	30.0-40.0 FLA
WD3P-4-3032	37.0-50.0 FLA
WD3P-4-3033	48.0-65.0 FLA

Typical Installation of WS Series® Duplex Control Panel



Custom Options

Option(s)	Description	Option(s)	Description
24	Pump Exerciser	LAD/LAW	Lightning Secondary Surge Arrestor (LAD Delta / LAW Wye)
28	Power On Dry Contact (Normally Open)	LL	Low Level Alarm
3R	Painted Steel Enclosure	MD	Main Disconnect; Up to 100 FLA
AF	Alarm Flasher	MD2	Main Disconnect; 100 to 230 FLA
AH	Anti-Condensation Heater	PM	Phase Monitoring
C	Additional Cord Length Per Foot Per Component*	PX	Pump Portal® Wireless Remote Communication
CCD	Cycle Counter w/LCD Display and Reset	SFD	Seal Failure Circuit w/ Indicator Lights
CO	Convenience Outlet (User to supply 120 VAC)	S3	No Floats Option
ETD	Elapsed Time Meter w/ LCD Display and Reset	SS4	Upgraded Enclosure (304 Stainless Steel)
GR	Generator Receptacle, Includes Transfer Switch	SS6	Upgraded Enclosure (316 Stainless Steel)
ISD	Intrinsically Safe		

*Additional cord length greater than 20': Specify after C. Example: WD1P-4-1021-C50. Indicates 50' cord lengths for all floats.