

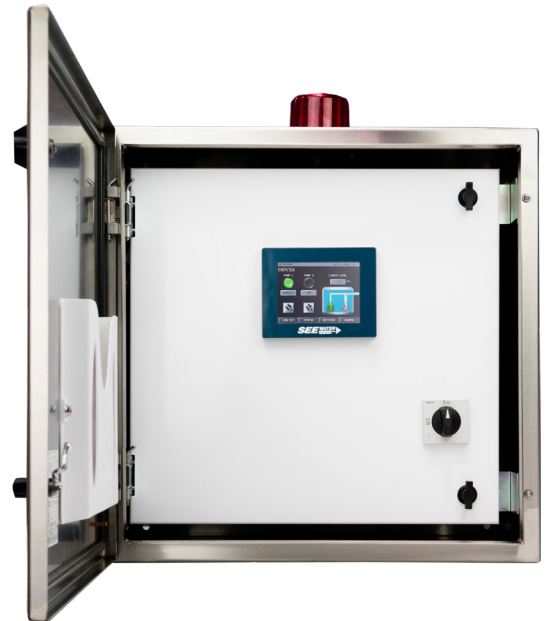
Hydra® Transducer Panels

Overview:

The Hydra® Transducer Panels are a complete line of simplex, duplex and triplex control panels that feature a versatile HMI touchscreen controller ideal for sewage, wastewater, and dewatering applications. The transducer pump control panels come standard with a stainless steel enclosure and a programmable monitoring controller that displays the tank level and pump status.

Features:

- Panel and controls are UL listed for the United States and Canada
- NEMA 3R painted steel enclosure with a lockable latch; dead front with inner door
- HMI displays tank level, pump run light(s), pump run time(s), cycle count for each pump and HOA selector for each pump
- Simplex adjustable set points: low level, stop, start, high level (adjustable lead pump start and stop set points)
- Duplex adjustable set points: low level, stop, lead, lag, high level, duplex models feature two pump alternation and high demand two pump operation (adjustable lead and lag pump start and stop set points)
- Alarm horn sounds at 85 decibels at 10 feet, red beacon alarm light
- Remote monitoring dry contacts: pump fault and high level
- Upgraded pump protection: motor protective switch(es) (branch circuit protection, adjustable overload and disconnect)
- Pump run data logging: records each pump event - start time, stop time and run duration
- Alarm/fault history: data logging gives access to 250 fault conditions with date and time (optional access to auto save alarm history to usb drive)
- Advanced Communications - Supports Modbus RTU, Modbus TCP, and additional communication protocols. Allows for master and slave operation, remote monitoring and control of the pump station.
- Multiple access levels for added security



Applications:

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



Your Trusted Source for Quality Control Panels.®

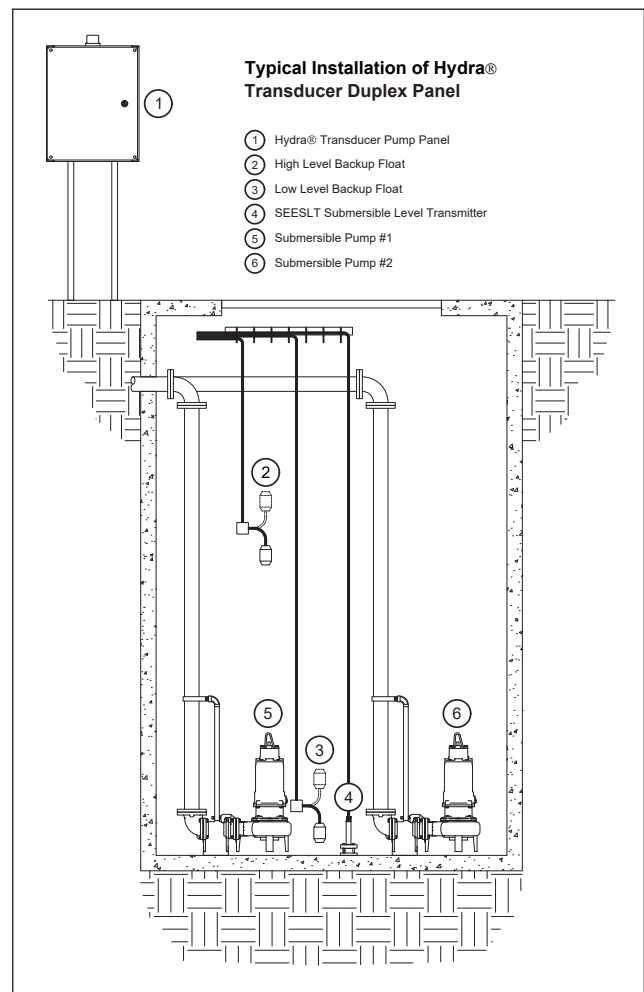
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Catalog Model Number Build:

Type	Models	Transducer Options
HTR <input type="checkbox"/> — <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S = Simplex	11 = 1.25-5.0 FLA (Single phase)	5 = 5 PSI, Max water level 11 ft: wastewater
D = Duplex	12 = 3.0-12.0 FLA (Single phase)	10 = 10 PSI, Max water level 23 ft: wastewater
T = Triplex	13 = 8.0-32.0 FLA (Single phase)	15 = 15 PSI, Max water level 35 ft: wastewater
	31 = 1.25-5.0 FLA (Three phase)	20 = 20 PSI, Max water level 46 ft: wastewater
	32 = 3.0-12.0 FLA (Three phase)	5S = 5 PSI, Max water level 11 ft: water
	33 = 8.0-32.0 FLA (Three phase)	10S = 10 PSI, Max water level 23 ft: water
		15S = 15 PSI, Max water level 35 ft: water
		20S = 20 PSI, Max water level 46 ft: water

Options

- 57 = Upgrade to 5.7" touchscreen (standard on triplex transducer panels)
- AF = Alarm flasher
- SF = Seal failure circuit & indicator light - simplex
- SFD = Seal failure circuit & indicator lights - duplex
- SFT = Seal failure circuit & indicator lights - triplex
- TC = Pump thermal cutout circuit & indicator - simplex
- TCD = Pump thermal cutout circuit & indicator - duplex
- TCT = Pump thermal cutout circuit & indicator - triplex
- IS = Intrinsically safe - simplex
- ISD = Intrinsically safe - duplex
- IST = Intrinsically safe - triplex
- PL = Enclosure - polycarbonate
- LA = Lightning secondary surge arrestor
- AH = Anti condensation heater
- S3 = No Transducer or Float Option
- P2 = Backup Pump Float Operation
- PM = Phase Monitoring
- 28 = Power On Dry Contacts
- ST = Stainless Steel enclosure



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