

The Hydra® transducer control 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 painted steel enclosure and a programmable monitoring controller that displays the tank level and pump status.

Features

- NEMA 3R rated painted steel enclosure with a lockable latch
- HMI displays tank level, pump run light(s), pump run time(s), cycle count for each pump, and H.O.A. selector for each pump
- Simple transducer calibration setup
- Adjustable set points:
 - Simplex: Low Level, Stop, Start, High Level (Adjustable lead pump start and stop set points)
 - Duplex: 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)
- 7" screen with 800x480 resolution and a resistive film touch panel
- Supports Modbus RTU/TCP, BACnet® IP/MSTP, and additional communication protocols. Allows for master and slave operation, remote monitoring and control of the pump station
- Flip switch for transducer and float mode

Applications

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



PACIFIC 2.0

Info Guide

Overview	Status	Settings	History	Log Out																																				
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Pump Status

Status of all processes. Users can view Run Status, Run Hours, and other information.

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Level Setup

Users can easily setup the Hydra®'s float Activation, Height, and Input Type using toggle controls!

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Fault Alarm 05/13/23 05:48 am ACCESS LEVEL: admin SEE 5544																												

Alarm Fault History

Data logging gives access to 250 fault conditions with date and time. It also features an optional auto-save alarm history to USB drive.

Catalog Model Number Build

Type	Models			Transducer Options		
HTR	<input type="checkbox"/>	---	<input type="checkbox"/> <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, Type: Wastewater	
D	Duplex	12	3.0-12.0 FLA (Single Phase)	10	10 PSI, Max Water Level 23 FT, Type: Wastewater	
T	Triplex	13	8.0-32.0 FLA (Single Phase)	15	15 PSI, Max Water Level 35 FT, Type: Wastewater	
		31	1.25-5.0 FLA (Three Phase)	20	20 PSI, Max Water Level 46 FT, Type: Wastewater	
		32	3.0-12.0 FLA (Three Phase)			
		33	8.0-32.0 FLA (Three Phase)			

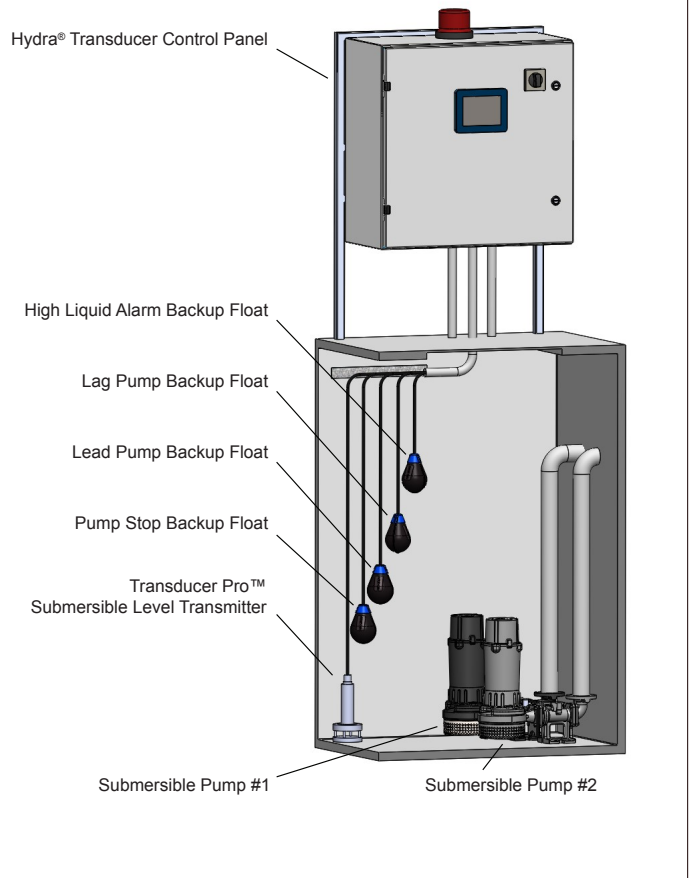
Custom Options

	Description
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
28	Power On Dry Contacts
38	Float Operation - Simplex
39	Float Operation - Duplex
40	Float Operation - Triplex
AH	Anti-Condensation Heater
BB	Battery Backup 5 Ah
CO	Convenience Outlet (User to supply 120 VAC)
GR	Generator Receptacle, Includes Transfer Switch
IS*	Intrinsically Safe - Simplex (Float Operated System)*
ISD*	Intrinsically Safe - Duplex (Float Operated System)*
IST*	Intrinsically Safe - Triplex (Float Operated System)*
LAD/LAW	Lightning Secondary Surge Arrestor (LAD Delta / LAW Wye)
PM	Phase Monitoring
PX**	Pump Portal® Wireless Remote Panel Control and System Monitoring
S3	No Transducer or Float Option
SF	Seal Failure Circuit and Indicator - Simplex
SFD	Seal Failure Circuit and Indicator - Duplex
SFT	Seal Failure Circuit and Indicator - Triplex
SS4	Upgraded Enclosure (304 Stainless Steel)
SS6	Upgraded Enclosure (316 Stainless Steel)

**To include an intrinsically safe transducer, please contact us for pricing.*

***Additional fee will apply for monthly or annual subscription.*

Typical Installation of Hydra® Duplex Transducer Control Panel



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