



W6 DUPLEX WASTEWATER CONTROL PANELS

PROVIDES FULLY AUTOMATIC OPERATION FOR TWO PUMPS. ALTERNATES PUMP STARTING TO DISTRIBUTE OPERATING TIME. PROVIDES EXTRA PUMP CAPACITY IN TIMES OF HIGH INFLOW BY ENERGIZING BOTH PUMPS.

Wastewater

FEATURES

- NEMA 3R, raintight, dead-front enclosure
- Pump circuit breakers
- Control circuit transformers
- Transformer circuit breaker (primary side)
- Surge arrestor
- Control circuit fusing
- Class 48, NEMA Rated Starter with ESP200 solid-state, Class 5, 10, 20, 30, adjustable overloads. The ESP200 solid-state, adjustable overload also provides protection against phase-loss or single-phasing, and phase on balance.
- Automatic or manual pump alternation
- Field modifiable three or four float operation
- Locking hasp
- Manual reset high level alarm circuit

- Flashing red Lexan alarm light
- Pump run lights
- Hand-off-auto selectors.
- Provision for separate 120 VAC control circuit.
- All panels and options UL and CSA listed.
- Dry contacts for remote alarm activation

Notes:

- Level control switches required, order switches separately.
- Audible alarm devices, bell or horn, are not included as standard equipment, order from options if required.

THREE PHASE, 60 HZ

Provides automatic or manual pump operation, three leg motor protection and optional recommended seal failure and over temperature circuits.

Order No.	HP	Volts	Order No.	HP	Volts	Where Used
W6-7532	7½	208/230	W6-7534	7½	460/575	4NS 4XD 4DWC 4XWC GV
W6-1132	10	208/230	W6-1134	10	460/575	
W6-1532	15	208/230	W6-1534	15	460/575	
W6-2132	20	208/230	W6-2134	20	460/575	
W6-3132	30	208/230	W6-2534	25	460/575	
			W6-3134	30	460/575	

Field adjustable from 230 to 208 VAC and 460 to 575 VAC. Larger HP panels available upon request.



OPTIONS

Rating	Optional Enclosures	Order No.
NEMA 4	Steel, Hinged Door	6175
NEMA 4X	Fiberglass, Hinged Door	6185
NEMA 12	Steel, Hinged Door	6195

NOTE: Consult factory for enclosure types not listed.

ALARM CIRCUITS

Order No.	
1.	Additional alarm circuit. (Provides a second high or low level alarm system.) 6310L
2.	Guaranteed pump submergence circuit. (Overrides manual and automatic operation of pumps.) 6320
3.	Dim glow alarm circuit. (Alarm lights are dimly lit to indicate power to alarm circuit.) 6325
4.	Extra set of dry contacts. (Used for signal of remote alarm device.) Call Factory
5.	Low voltage, phase loss and reversal circuit. (Three phase only, stops pumps and closes non-powered contacts.) 6360
6.	Seal fail/high temperature circuit. Monitors moisture sensor/monitors heat sensor. (Seal fail 6351/high temperature 6356 recommended.) 6350
A.	Seal fail with test push button and pilot light. (No pump shutdown.) 6351
B.	Seal fail with test push button, pilot light and manual reset. (No pump shutdown.) 6352
C.	Seal fail with test push button, pilot light, manual reset and pump shutdown. 6353
D.	Seal fail with test push button, pilot light, manual reset and dry contacts. (No pump shutdown.) 6355
E.	High temperature with pump shutdown, test push button, auto reset and no pilot light. 6356
F.	High temperature with pump shutdown, test push button, auto restart and manual reset pilot light. 6357
G.	High temperature with pump shutdown, auto reset and no pilot light. 6358
H.	High temperature with pump shutdown, manual restart and pilot light. 6792
I.	50 Hz power supply components 6805
J.	Duplex Mini CAS, seal fail and high temp. (control and status) circuit for 1GA, 2GA and 15GDS/GXS or 20GDS/GXS ONLY.

ALARM DEVICES (can be added to simplex or duplex controls)

	Order No.
4" bell with silence	6425
Grille Horn with silence	6450
Flashing red light - Lexan	6480
Remote alarm panel (includes: 4" bell silencer switch, and indicator light; rated NEMA 3/3R) A. Alarm requiring separate power; 115 V power supply. (Signaled by dry contacts in main panel.)	6500
B. Alarm to be powered by main panel. (Signaled by powered contacts in main panel.)	6510

NOTE: When ordering alarm devices, please note desired voltage and mounting location; top, side, front, etc.

ALL OTHER OPTIONS

	Order No.
1. Condensation heater - 115 V	6710
2. Elapsed time meter (2). (Mounted inside cabinet indicates pump run time.)	6740
3. Cycle counter (2). (Mounted inside cabinet indicates number of pump starts.)	6750
4. Intrinsically safe controls. (One required for each float.)	6760
5. Float switch test push buttons. (Overrides float switches to simulate operation of level controls.) (Specify 3 or 4 float operation.)	6780
6. Convenience outlet (GFI) with circuit breaker protection, mounted internally. Single phase, 20 amp includes 1.5 KVA transformer	6785
7. Time delay for lag pump. Adjustable 0 - 60 seconds. (Delays start of second pump.)	6790
8. Lead/lag selector switch. (Allows selection of lead pump.)	6791

Over 3 options should be quoted by Customer Service with a written spec from the customer.

Fax requests to Technical Support at (315) 568-7644

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- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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