



# W3 SIMPLEX WASTEWATER CONTROL PANELS

## Wastewater

### FEATURES

NEMA 3R, raintight, dead-front enclosure  
 Pump circuit breakers  
 Control circuit transformers  
 Transformer circuit breaker (primary side)  
 Surge arrestor  
 Control circuit fusing  
 NEMA Rated Starter with solid-state, Class 5, 10, 20, 30, adjustable overloads. The solid-state, adjustable overload also provides protection against phase-loss or single-phasing, and phase on balance.  
 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.

### 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
W3-7532	7½	208/230	W3-7534	7½	460/575	4NS 4XD 4DWC 4XWC GV
W3-1132	10	208/230	W3-1134	10	460/575	
W3-1532	15	208/230	W3-1534	15	460/575	
W3-2132	20	208/230	W3-2134	20	460/575	
W3-3132	30	208/230	W3-2534	25	460/575	
Field adjustable from 230 to 208 VAC and 460 to 575 VAC.			W3-3134	30	460/575	

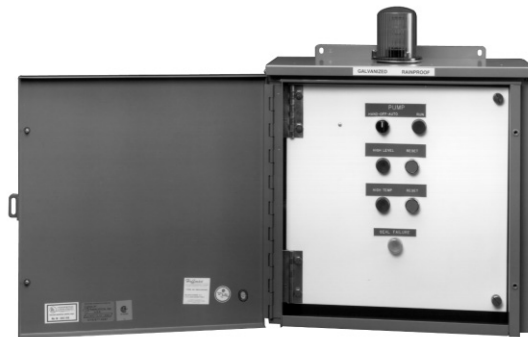
**Enclosure Options** - if options are required please order the panel as W3- ....SPL followed by the desired options listed in numeric order on your purchase order. If more than three options are needed please complete and fax us a Panel Quote Request Form along with the engineer's (end user's) written specifications.

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

Rating	Optional Enclosures	Order No.
NEMA 4	Steel, Hinged Door	3175
NEMA 4X	Fiberglass, Hinged Door	3185
NEMA 12	Steel, Hinged Door	3195

**NOTE:** Consult factory for enclosure types not listed.

### Control Panel Options



#### ALARM CIRCUITS

	Order No.
1. Additional alarm circuit. (Provides a second high or low level alarm system.)	3310L
2. Guaranteed pump submergence circuit. (Overrides manual and automatic operation of pumps.)	3320
3. Extra set of dry contacts. (Used for signal of remote alarm device.)	Call Factory
4. Low voltage, phase loss and reversal circuit. (Three phase only, stops pumps and closes non-powered contacts.)	3370
5. Seal fail/high temperature circuit. Monitors moisture sensor/monitors heat sensor. (Seal fail 3351/high temperature 3356 recommended.)	3350
A. Seal fail with test push button and pilot light. (No pump shutdown.)	
B. Seal fail with test push button, pilot light and manual reset. (No pump shutdown.)	3351
C. Seal fail with test push button, pilot light, manual reset and pump shutdown.	3352
D. Seal fail with test push button, pilot light, manual reset and dry contacts. (No pump shutdown.)	3353
E. High temperature with pump shutdown, test push button, auto reset and no pilot light.	3355
F. High temperature with pump shutdown, test push button, auto restart and manual reset pilot light.	3356
G. High temperature with pump shutdown, auto reset and no pilot light.	3357
H. High temperature with pump shutdown, manual restart and pilot light.	3358
I. Simplex Mini CAS, seal fail and high temp. (control and status) circuit for 1GA, 2GA; 15GDS/GXS or 20GDS/GXS; GV Plus and Impact pumps.	3805

#### 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)	6500
A. Alarm requiring separate power; 115 V power supply (Signaled by dry contacts in main panel.)	
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.

#### ADDITIONAL ACCESSORIES

	Order No.
1. Condensation heater - 115 V	3710
2. Elapsed time meter. (Mounted inside cabinet indicates pump run time.)	3740
3. Cycle counter. (Mounted inside cabinet indicates number of pump starts.)	3750
4. Intrinsically safe controls. (One required for each float.)	3760
5. Float switch test push buttons. (Overrides float switches to simulate operation of level controls.)	3780
6. Convenience outlet (GFI) with circuit breaker protection, mounted internally. Single phase, 20 amp includes 1.5 KVA transformer	3785

# Xylem |'zīləm|

- 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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