



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

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.

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 | |

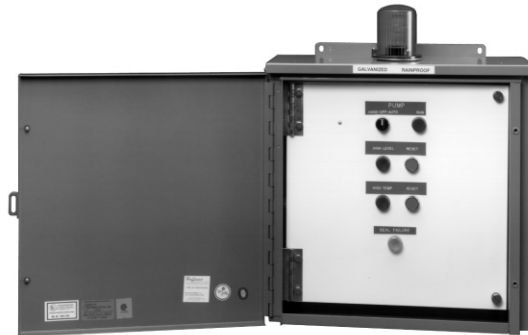
Enclosure Options - if options are required please order the panel as W3-SPL followed by the desired options listed in numeric order on your purchase order. If more than three options are needed please complete and fax us a Panel Quote Request Form along with the engineer's (end user's) written specifications.

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. Dim glow alarm circuit. (Alarm lights are dimly lit to indicate power to alarm circuit.) | 3325 |
| 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.) | 3370 |
| 6. 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 and 15GDS/GXS or 20GDS/GXS. | 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.

For more information on how Xylem can help you, go to www.xyleminc.com



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