

JANUARY 12TH, 2022
BOARD UPDATE

OLD STYLE W2H/WS3 BOARD STATUS

Old LCD Design



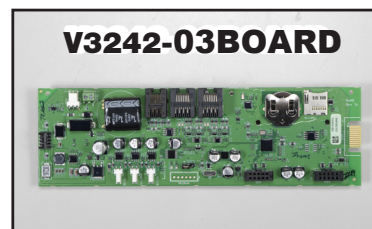
Current Monochrome Graphics



Old Main Board



Current Main Board



Old Optional Systems Board



Current Relay Daughter Board



Old AC Power Supply



Current DC Power Supply



JANUARY 12TH, 2022 • BOARD UPDATE • OLD STYLE W2H/WS3 BOARD

Here is a list of changes we made in this upgrade:

- New Monochrome Graphics Display on the POD
- New Multi-Language capability
- Added Lithium Coin Cell Battery for keeping the real-time-clock running during a power loss (can be replaced)
- New high efficiency DC switching power supply
- New daughter board concept to add relays to the system, up to 2 daughter boards
- New micro USB port used for updating software in the field and for future updates
- New Main Menu selections for easier programming
- Main board now accommodates 2 external motor drivers
- Main board supports system expansion to 16 units
- Main board supports MODBUS communication for communicating system operations to building management systems
- New communications protocol using STRAIGHT THROUGH RJ45 CABLE that uses T-568B wiring (to be supplied by customer)
- Original Molex connections for Motors and Meter
- New Hirose Housing connection for the power supply
- New POD connection using RJ11 connector

Page 2 of 2



If you have any questions please contact us. • Thank You • Water Treatment Sales
4462 Duraform Lane • Windsor WI 53598-9716
Phone (608) 846-3010 • Fax (800) 755-3010