

# Product Information

**Subject** Part No. F8133502 Optional External Supply Wiring Diagram  
**Use With** UW35-125K Pocket Hardmount and HC, SC and  
UC20-125G/H/J/K/L/W Washer-Extractors



## WARNING

Any interfacing to the washer-extractor external supply system should be installed in accordance with the manufacturer's instructions and all codes and requirements of the authority having jurisdiction. In Canada, this conversion/installation shall be carried out in accordance with the requirements of the provincial authorities having jurisdiction and in accordance with the requirements of the CAN/CGA-B149.1 and CAN/CGA-B149.2 installation code. Failure to follow instructions could result in serious injury, death or property damage. The qualified agency performing this work assumes all responsibility for this kit installation.

W696

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the washer-extractor before servicing.
- Never start the washer-extractor with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the washer-extractor is properly grounded.

W460

## Washer-Extractor to External Chemical Supply Equipment Interface Wiring Diagram Supplement:

For proper communication between the washer-extractor and an external chemical supply system, it is important for the low-voltage signal power to be connected properly. The wiring diagram (F8133502) included with the machine shows several different options for safe and correct wiring of this interface. This supplement is intended to help the installer better understand how to correctly wire the power side of this system. Refer to the installation manual supplied with the machine for additional information.

The preferred method for connecting the wiring from the external chemical supply system to the washer-extractor is to use the washer-extractor's 24VAC external supply transformer, which is intended strictly for this purpose. Other voltage and current options are available, but require some wiring changes and must be provided with an external power source.

**NOTE:** Under no circumstances should the high-voltage machine supply connections or source be used for the external supply wiring.

Refer to the installation manual supplied with the machine for a complete explanation of the communication system. Wash-cycle signals are provided to the external chemical supply equipment. On UW models, a "pause input" signal can be received from the supply equipment. Communication wiring connections, which include a single row of identified terminal blocks, can be found under a service panel at the upper back of the machine.

## **External Dispenser Supply Connection (Washer to Chemical Supply Equipment Signals):**

### **1. Use the Internal 24VAC 300 Milliamp Control Transformer (Recommended by Alliance Laundry Systems)**

There are 3 terminals necessary for this connection option. Terminal "24VAC COM" is used to supply 24VAC common to the external dispenser input signals common. The second terminal is used to connect the washer-extractor output relays common through a red jumper wire between "24VAC" and "RELAY COM". Do not use the 24VAC and 24VAC common terminals if an external power supply is used.

### **2. Use an External AC Power Source (Not Provided by Alliance Laundry Systems)**

**NOTE: Power for external supplies must not be derived from the high-voltage main power connection point.**

The external power must supply power of 240VAC or less and be protected at 3 Amps or less. Remove the red jumper wire installed by the factory between "24VAC" and "RELAY COM". Connect 1 side of the external power to the "RELAY COM" and the other to the external dispenser input signals common.