

Chevron Image Refresh Spanner Wiring Checksheet

Updated July 2007

Dispenser Model	Conduits Required	Wiring Tie-In	Dispenser UL Zones
DL	Yes; there is no kit from Dresser Wayne; conduit required from junction box to spanner through dispenser column is most appropriate	Analysis must be performed by certified electrician: dispenser power from Junction box can be used for spanners if circuit load is not exceeded (7.5 amps max used for dispenser w/out Healy -- approximately 9.5 amps max total with Healy)	Electronic cabinet is different zone than hydraulics and columns; wiring would go through vapor barrier at 48" and therefore requires conduit from junction box to vapor barrier (conduit up to spanner from vapor barrier is not required)
1/V	Yes; there is no kit from Dresser Wayne; conduit required from junction box to spanner through dispenser column is most appropriate	Analysis must be performed by certified electrician: dispenser power from Junction box can be used for spanners if circuit load is not exceeded (7.5 amps max used for dispenser w/out Healy -- approximately 9.5 amps max total with Healy)	Electronic cabinet is different zone than hydraulics and columns; wiring should go through conduit from the junction box through the side column to at least 48", where it becomes UL Div. 2, at which time the wire can run the rest of the way up to the spanner
2/V	Yes; requires Dresser Wayne kit 001-921449-KIT -- kit is UL approved	Analysis must be performed by certified electrician: dispenser power from Junction box can be used for spanners if circuit load is not exceeded (7.5 amps max used for dispenser w/out Healy -- approximately 9.5 amps max total with Healy)	Electronic cabinet is different zone than hydraulics and columns; wiring should go through conduit from the junction box through the side column to at least 48", where it becomes UL Div. 2, at which time the wire can run the rest of the way up to the spanner
3/V	Yes; there is no kit from Dresser Wayne; conduit required from junction box to spanner through dispenser column is most appropriate	Analysis must be performed by certified electrician: dispenser power from Junction box can be used for spanners if circuit load is not exceeded (7.5 amps max used for dispenser w/out Healy -- approximately 9.5 amps max total with Healy)	Electronic cabinet is different zone than hydraulics and columns; wiring should go through conduit from the junction box through the side column to at least 48", where it becomes UL Div. 2, at which time the wire can run the rest of the way up to the spanner
Ovation	Yes; requires Dresser Wayne kit 889774-001 -- kit is UL approved	Analysis must be performed by certified electrician: dispenser power from Junction box can be used for spanners if circuit load is not exceeded (7.5 amps max used for dispenser w/out Healy -- approximately 9.5 amps max total with Healy)	Electronic cabinet is different zone than hydraulics and columns; wiring would go through conduit from junction box through a potted fitting at the vapor barrier into the dispenser head where it becomes UL Div 2. Conduit up to spanner from vapor barrier is not required because remaining areas are also UL Div 2.

Special Notes:

- * When applying lighted spanners to existing wiring, lighting will be on all the time. A switched circuit coming from the station building is more appropriate for the intended use of the spanners than using dispenser power.
- * Conduits and seal-offs are required when changing from one zone to another; generally speaking, zones change between below the vapor barrier and above the vapor barrier at 48".
- * Wayne make no representations or warranties as they pertain to the referenced UL certifications, and specifically disclaims any responsibility or liability, directly or indirectly for any damages or loss caused or alleged to be caused by any use or reliance on this document.