



Chart Industries, Inc.
407 7th St. NW
New Prague, MN 56071

TECHNICAL SERVICE BULLETIN TSB-Z01-041

Title: Discontinuance of Z-World PLC in older K-Series Trifecta units

Products affected: All K-Series Trifecta units built prior to 1/1/03 that still use the Z-World PLC (Chart P/N 10828021) in the control panel.

Priority: Medium

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DATE: 10-30-09

Approved By: Chris Schmoeckel

Issue: Replacement PLC will no longer be available from vendor. Discontinued item.



Z-World PLC

Additional Information: All original Trifecta K-Series units manufactured prior to Jan 1, 2003 utilized the Z-World PLC in the control panel. Many of these units have since been upgraded and/or refurbished to include an updated control panel with a newer Mitsubishi PLC but there are still some units that have not and will be affected by the discontinuance of this item.

Chart will have a limited amount of Z-World controllers (Chart P/N 10828021) on hand through ChartParts.com to service those customers needing replacements. After these are depleted, they will no longer be available.

Recommendation: It is strongly recommended to those customers that can identify any K-Series units they may have in the field that use the Z-World PLC to think about purchasing one or more spare Z-World PLC's for possible field replacements. This would limit the downtime associated with a failure of this PLC in an existing unit. Otherwise, the only alternative is to purchase a new updated control panel (includes Mitsubishi PLC) and replace it either in the field or back at Chart. The anticipated leadtime on a new control panel is 4 weeks. ***NOTE: The Mitsubishi PLC is NOT interchangeable with the Z-World PLC in the older control panel.***

Options: Trifecta units still utilizing the older control panel that uses the Z-World PLC can have the control panel upgraded to one that uses a Mitsubishi PLC. This upgrade is typically done during a refurbishment that includes other upgrades to an older K-Series Trifecta unit. This option is recommended as the updated panel is more robust, user friendly and includes more features.

For refurbishment/upgrade options and pricing, please contact Chart technical services at (800) 400-4683.