

Z-Cell[®] High Performance Wetland

An Attractive, Robust, And Ecologically Sound Treatment System



Zoeller Pump Company's Z-Cell[®] is a high performance wetland designed for use in decentralized wastewater treatment applications where the effluent quality must meet or exceed secondary treatment standards. The Z-Cell[®] technology can be used in residential, commercial, or small community applications for treating residential strength septic tank effluent. The Z-Cell[®] is a time dosed system and the wastewater has a 36" vertical path to an outlet pipe below the wetland's surface. By moving water vertically, the fluid must pass through the horizontally oriented plant root zone. This eliminates short circuiting, an issue common in conventional constructed wetlands. During the growing season, evapotranspiration through plant leaves reduces the hydraulic load to downstream components.

Features

- Produces better than secondary quality effluent
- Adaptable in size and shape
- Beautiful addition to the natural landscape
- Less water to disperse during growing season
- Green technology



Trusted. Tested. Tough.[®]

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The Zoeller Z-Cell® is a high performance wetland capable of decreasing residential strength waste from a septic tank to better than secondary treatment levels ($BOD_5 < 30\text{mg/L}$ and $TSS < 30\text{mg/L}$). Custom sizes available, please consult factory.

Z-Cell® High Performance Wetland	
Part Number	Description
5220-0001	10' x 20' Z-cell® kit (450 gpd)
5220-0002	12' x 24' Z-cell® kit (600 gpd)

Contact Zoeller Pump Company for treatment systems ranging from 450 gpd to 36,000 gpd. Our team can design a custom system for your needs.