



AMERICAN
Manufacturing Company, Inc.

DRIP DISPERSAL SYSTEMS

RESIDENTIAL PERC-RITE®



Simple, Economical & Innovative, Wastewater Dispersal Technology

PERC-RITE® DRIP SYSTEMS

PERC-RITE® is a unique fluid handling system for the dispersal of septic tank effluent wastewater into soil. The system incorporates filtration, time dosing and low rate drip distribution tubing. In conditions where aerobic dispersal; such as low pressure distribution of septic effluent, is required or where land application with the use of conventional soil absorption fields is not acceptable, **PERC-RITE®** offers a method for subsurface & surface dispersal of the wastewater

PERC-RITE® accommodates all pretreatment processes including septic tanks, aerobic treatment units, lagoon, and media filtration. Only primary treatment; the removal of large settled solids, of the sewage is necessary for the operation of the system. Local soil and site conditions may require additional treatment for excessive organics, nutrients, F.O.G or other contaminants. American Manufacturing works with manufacturers of all quality septic tanks, NSF40 and NSF245 equivalent treatment systems.

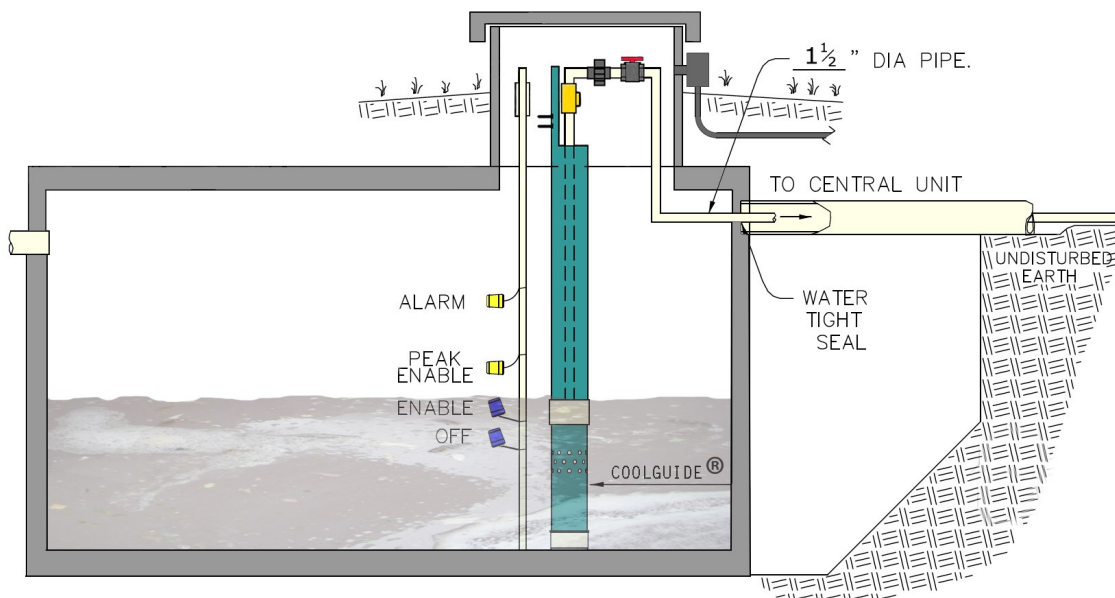
Cost-Effective and Economical

- Scalable (As your family and house grows)
- Reduced engineering time due to pre-engineered & integrated components
- Smaller drain field area
- Low operation and maintenance costs

Green and Sustainable

- Low energy consumption
- Minimal site disturbance
- Reduces sediment runoff
- Groundwater recharge
- Nutrient reduction TN & P
- Landscape and tree preservation

A high head submersible pump installed inside a Coolguide™ delivers effluent to the filtration unit. To minimize operational costs the disc filters automatically back flush at the beginning of each dose and periodically during dosing. Accumulated solids from the filters are returned to the pretreatment unit.



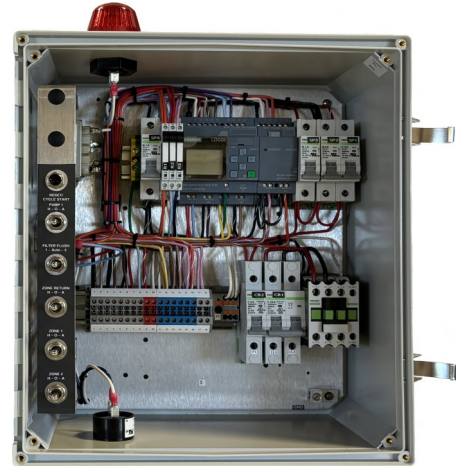
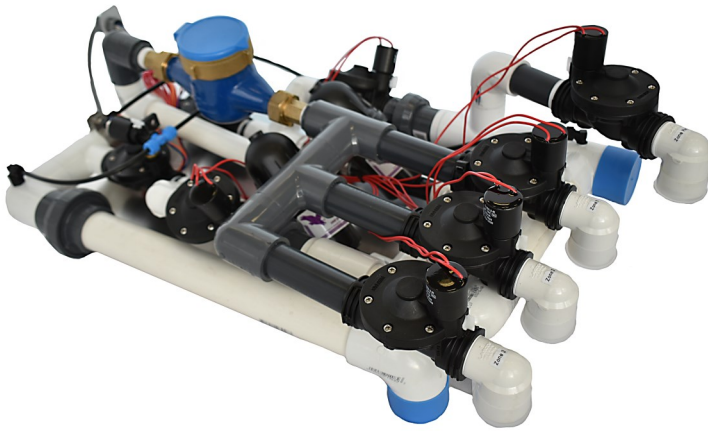
Patent Nos. 5,200,065 • No. 5,984,574B • 6,261,452B1

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FOR WASTEWATER DISPERSAL

PERC-RITE® drip dispersal systems provide a user friendly operator interface. Each mechanical component has a Hand-Off-Auto switch which may be used to manually override and test the system.

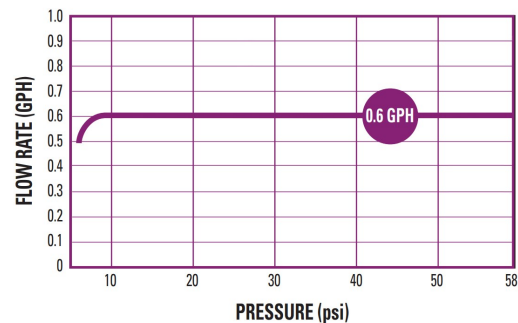
PERC-RITE® control panels may also be equipped with optional equipment including blower and treatment system controls. Remote alarm notification, monitoring and remote control is provided as an option through; **CONNECT-RITE™**, our integrated cellular, Wi-Fi or Satellite communications package.



Bioline® drip tubing regulates the amount of effluent to be discharged from each emitter. The emitters maintain a constant flow rate over pressure ranges of 7 to 60 psi which guarantees equal distribution across the dispersal area.



DRIPPER FLOW RATE VS. PRESSURE



Between 0 and 7 psi, the dripper functions as a turbulent flow emitter, ensuring that the nominal design flow is not exceeded at system start-up.

Drip dispersal fields with discernable slopes must be designed with the American Manufacturing Top Feed Manifold system to control drain down which may overload the lower laterals in a zone after the pump shuts off.

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CONTROLS

American Manufacturing Company, Inc. can design and build almost any onsite wastewater or water system control panel. Our staff is comprised of professional engineers, designers, soil scientists, and technically trained sales people with extensive experience in control systems.

Our objective is to provide reliable, economical, and efficient control devices for fluid handling. We inventory many standard control panels and are able to manufacture special panels in a very timely manner due to our modular design and manufacturing methods.

PACKAGES

American Manufacturing Company, Inc. manufactures many specialty On-Site Wastewater system packages including Recirculating Sand Filters, pump stations and the **PERC-RITE®** drip dispersal system. American can also fabricate skid mounted pump and control systems, test them in house and ship the complete assembly ready for installation.

CATALOG

American Manufacturing Company, Inc. manufactures specialty On-Site Wastewater products including the Bull Run™ Valve, Dial-A-Flow™, Cool Guide™, and Poly Distribution Boxes.

If you need a product or information not shown in our catalog or on our website please contact our sales or engineering team and we will do our best to get you what you need.



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