

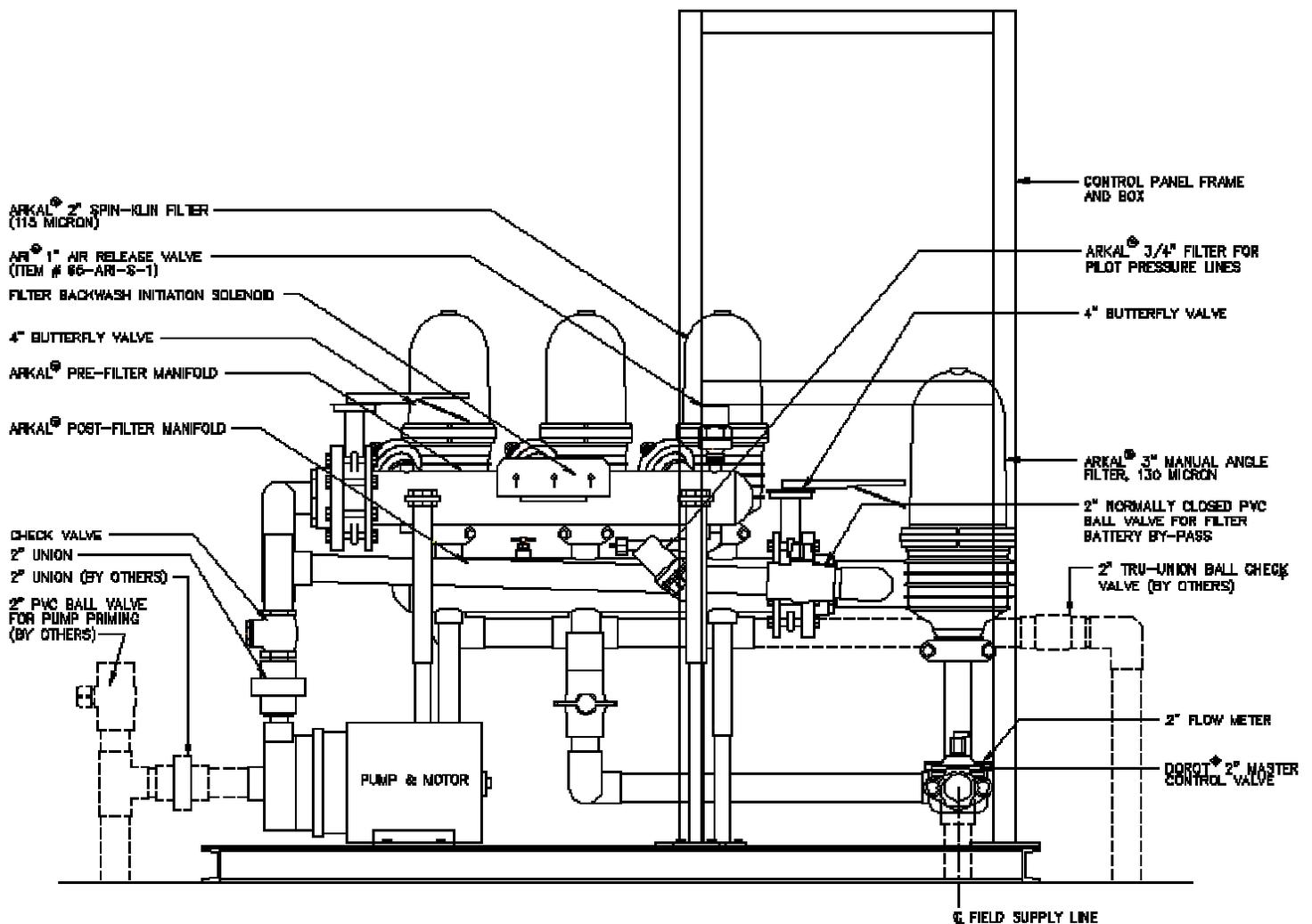
A NEW! DISPOSAL SYSTEM

25 GPM to 250 GPM

"Perc Rite"®

By American Manufacturing Company, Inc.

ALTERNATIVE DRAINFIELD



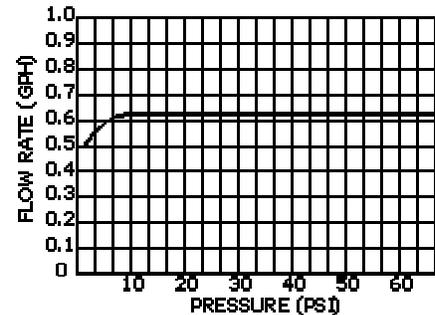
THE ONLY DRIP IRRIGATION SYSTEM FOR SEPTIC EFFLUENT
NO OTHER TREATMENT REQUIRED! PATENT NO. 5,200,065

The system control panel is equipped with three float switches and controls the timed doses to be discharged. The water level must be high enough to overcome the "Redundant Off" (Bottom) float in order for the pump to run. When the water level rises high enough to overcome the "Dose Enable" (second) float and the timer is in a dose enable mode the cycle will initiate. The pump will activate and automatically backflush the disc filters then dose the lead zone. The pump will continue to run for the length of time as set on the pump run timer to provide a complete dose. The system will remain off until the preprogrammed off timer enters a new cycle enable mode, at which time the control will activate another cycle and dose the new lead zone (as long as the "Dose Enable" float is still up). This process will continue until the water level drops below the "Dose Enable" float and the pump run timer has timed out. Each zone will automatically receive a field flush each 50 cycles to clean the drip tubing.

If the water level rises enough to overcome the "High Level" (third) float, the audio/visual alarm will be activated until silenced by pressing the Test-Normal-Silence switch to the silence position. The alarm circuit must be reset when the "High Level" float returns to its normal position.

PRESSURE COMPENSATING DRIPPERLINE FOR WASTEWATER

The dripper line for wastewater is used for both surface and subsurface effluent disposal and recharge. American uses the perfect hydraulic delivery system, considered to be the world's most accurate pressure compensating dripper line. The patented self-flushing, free-floating diaphragm cleans itself during operation. The drippers are located every two feet in the 1000-foot rolls and provide 0.61 gallons per hour per emitter. In most applications the tubing is placed two feet on center providing one emitter for every four square feet of total area.



DRIP SYSTEM PACKAGE ACCESSORIES

CONTROL

The control has a Nema 4X rated enclosure with hinged inner door, removable aluminum back plate for component mounting, IEC rated pump contactor, adjustable pump run timer, high level peak enable circuit, Hand-Off-Auto toggle switches for all operations, pump run light, indicator lights, separate control and pump breakers, control fuse, and finger-safe terminal blocks with a neatly bundled wiring harness. The Control unit is U.L. APPROVED AND LABELED. The microprocessor has manual override capability to completely operate the system while bypassing the microprocessor. The control includes remote operation and monitoring and will require a phone line hookup.

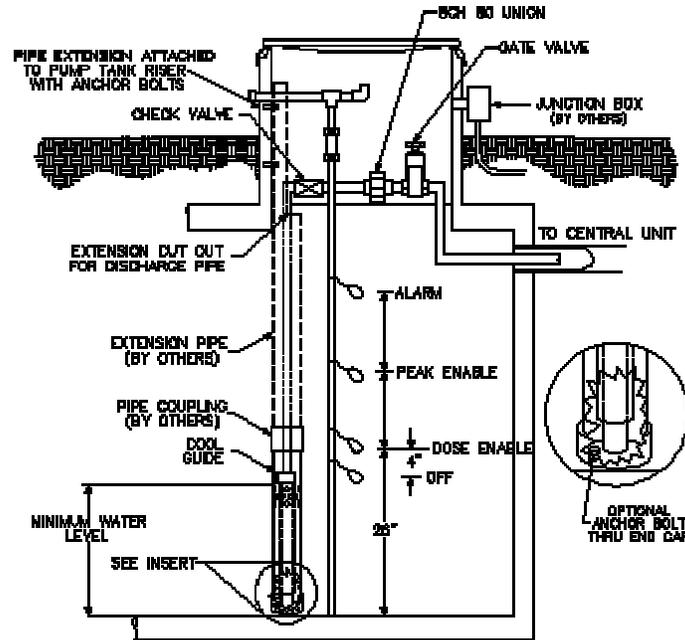
TUBING and FIELD FITTINGS and VALVES

The tubing comes in 1,000 feet rolls with specialty insert fittings and PVC flex tubing is provided ready to glue to schedule 40 PVC supply & return pipes. Engineering plans for drain down control are with top feed laterals necessary. Zone Valves are solenoid activated diaphragm type. Call American for engineering support.



HYDRAULIC UNIT (HU) with enclosed building

The hydraulic unit must be housed in a heated building and is mounted on an aluminum skid. The Control is ready for connection to remote valves.



PUMPS

The pumps are individually specified for each installation using standard engineering practices. Submersible multi stage centrifugal pumps are optional which may be located in the pump tank.

PUMP DISCHARGE KIT & FLOAT ROD W/FLOATS

Recommended in pump package are a shut off valve, quick disconnect, check valve, and adapters, no weep hole should be placed in pipe. Vertical float installation is recommended as shown.

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