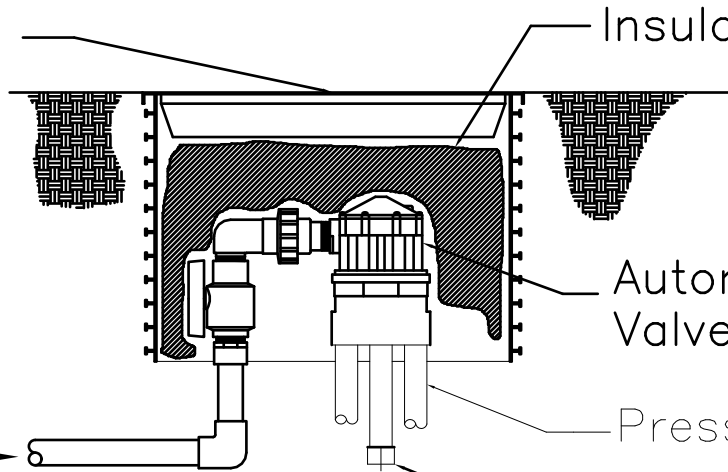


PVC Riser and Lid
(with 2"-4" styrofoam insulation)

Insulation in
(Plastic Bag)

From Effluent
Pumping System



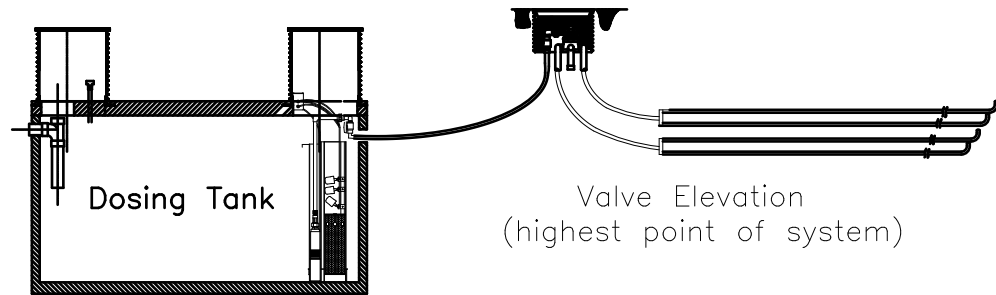
Automatic Distributing
Valve Assembly

Pressurized System

Unused Outlet
(6" minimum length—glue on slip cap)

1—Application

The Hydrotek 4000 and 6000 series valves are conducive to your effluent application. The construction materials used in the valves are compatible for use in effluent. Particles that can cause the valve to not seal and operate properly, are alleviated with use of your screened pump vault and 4" turbine submersible effluent pumps. The screen effectively stops particles greater than 1/8" in diameter from being passed into the pump and along to the valve; the use of the 4" turbine submersible effluent pump ensures that there will be adequate pressure available at the valve to index.



Dosing Tank

Valve Elevation
(highest point of system)

Distribution Valve

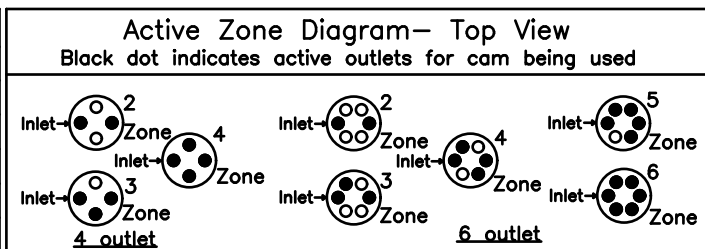
2—Installation Location

The valve location in a waste water system is very important to the long term reliable operation of the valve. The most common problem is the valve is installed in a low position relative to the drain fields and the valve will never drain and cycle. Remember that after the water source is cut off, the valve must drain to allow the stem and disk to spring up and cycle.

3—System Startup

The transport line should always be flushed with clean water before installing the valve. With the pump running, alternately close and open the ball valve on the distributing valve assembly to check proper rotation of the valve.

Description	Elevation
Riser Lid	
Valve Top	
Tank Outlet	
Valve Main	
Outlet Main	
Manifold	



Feet of Head per GPM Flow						
Model	Inlet Size FPT	Outlet Size SOC	20 GPM	30 GPM	40 GPM	50 GPM
V4400A	1.25"	1.25"	7.0 ft.	12.0 ft.	18.0 ft.	N/A
V4600A	1.25"	1.25"	9.5 ft.	N/A	N/A	N/A
V6400A	1.50"	1.50"	4.0 ft.	7.0 ft.	11.0 ft.	14.5 ft.
V6600A	1.50"	1.50"	7.0 ft.	9.5 ft.	13.0 ft.	18.0 ft.

DRAWN	jdu
SCALE	
DATE	12/20/04
APPROVED	

7125 East Pickard Road
P. O. Box 309
Mt. Pleasant, MI 48804-0309
ph-989-773-9938
fax-989-772-3415



BY	jdu	SLB			
DATE	12/04	6/08			
NO. REVISION	1	2	3	4	5
SHEET	1	OF	1		
DRAWING NO.	HDV				