

2050-1400-IP

ODOR CONTROL SYSTEMS



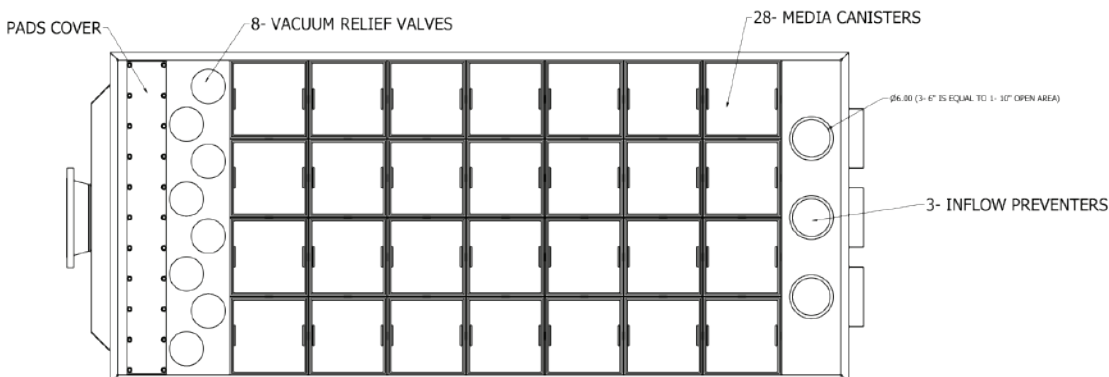
The 2050-1400-IP is a combined odor control vent valve, with the additional feature of Wager's highly effective vertical vent check valve. This system is designed specifically in areas where lift stations or gravity lines are subject to flooding.

The 2050-1400-IP is constructed from aluminum, and is epoxy coated grass green so that it fits nicely into the surrounding environment.

H₂S gas is directed thru twenty eight canisters containing 50 lbs (23kg, 1.5 cu.ft) of odor controlling media. The media is an engineered product, designed to chemically absorb the H₂S gas and change it to a non-toxic compound. Our custom Power-4 permanganate is also included as a polisher. A mist eliminator pad is incorporated into the unit to prevent exiting moisture from damaging the media bed.

The 2050-1400-IP Includes eight (8) vacuum relief valves, each capable of 300 cfm of airflow. These VRV's assure that over-pressurizing will not occur during pumping sequences on vacuum sewer systems that require additional airflow to operate. Airflow will still pass through the media bed. These vacuum relief valves simply provide additional air, but do not bypass the media bed.

During a flood event, our disc style float located just outside of the media chamber will rise to a buna seat, preventing water and debris from entering the inside of the system and destroying the media.



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