

S P E C I F I C A T I O N S

- A. This specification defines the requirements for a Wager 2050-i-450 Vent Scrubber, manufactured by Wager Company , Rural Hall, NC.
- B. The 2050FAPC-i-450 consists of dry scrubbing media contained in a fabricated aluminum plate housing. It is powder coated grass green, with a 4", 6", or 8" outlet.
- C. The 2050-i-450 shall contain 450 lbs. of dry-scrubbing media that is engineered for the removal of H₂S gas. The media is contained in (9) corrugated plastic containers that are 11" x 18" in size.
- D. The airflow shall be designed for passive applications. The configuration shall be arranged so that the contaminated air shall flow from the bottom flange and be forced upward through the media bed and discharged through the ventilated openings.
- E. The 2050FAPC-i-450 contains EIGHT air admittance valves. They intake directly into the lines without any restrictions from the unit's media bed. This assures continued airflow during pumping sequences needed with the air release valves, and also with a vacuum sewer system where outside fresh air is required for system operation.
- F. All components of the 2050FAPC-i-450 shall include:
1. A fabricated aluminum plate body, powder coated grass green.
 2. 450 lbs. of odor scrubbing media engineered in pellet form.
 3. 4", 6", or 8" flanged connection – Optional metric flanges available.
 4. Tamper proof lockable hook and security latches.
 5. Disposable media corrugated plastic inserts.
- G. Vent Scrubber Material
1. Fabricated Aluminum Plate
 2. NINE corrugated plastic canisters that measure 11.6" x 18". Each canister contains 50 LBS of odor scrubbing media.
 3. Latches in 316SS
 4. Hooks in 316SS
 5. 450 lbs. of odor scrubbing media designed for removal of H₂S gas.
 6. 4", 6" or 8" flanged connection with 7.5" (191mm) bolt circle – optional Metric flanges.
 7. Non-toxic, Landfill disposable media only.
- *** Plastic vent scrubbers that contain activated alumina media or carbon not accepted.**
- H. Media Specification
1. Moisture content : 35% Max
 2. Crush Strength: 35% - 70% Max
 3. Abrasion: 4.5% Max
 4. Pellet Diameter: 1/16" (1.5mm-6.5mm)
- I. Wager media only will be accepted due to its high level removal capacity. No equals will be accepted. Carbon will not be accepted.
- J. Only UL certified media will be accepted in Wager's vent scrubber.
- K. If other forms of media are used in this unit, it must be designed to be 25% larger with a minimum of 25% additional media.
- L. The general contractor is responsible for all design cost changes, engineer review time, and testing verification.