

## Specification

### Wager 3000 (MANHOLE SCRUBBER ODOR CONTROL)

Product: **SCRUBBER**

- A. This specification defines the requirements for a Wager 3000 Vent Scrubber manufactured by Wager Company in Rural Hall, NC.
- B. The 3000 consists of dry-scrubbing media contained in a fabricated 316SS.
- C. The 3000 unit shall contain 50 lbs of dry-scrubbing media that is engineered for the removal of H<sub>2</sub>S gas. The media is contained in a corrugated plastic container that is 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 ventilated openings.
- E. All components of the 3000 shall include:
  - 1 A fabricated 316ss plate body
  - 2 50 lbs of odor controlling media engineered in pellet form
  - 3 2" duckbill drain
  - 4 Buna gasket top seal, with metal core
  - 5 Disposable media corrugated plastic insert
  - 6 316ss handles
- F. Vent Scrubber Material
  - 1. Fabricated 316ss
  - 2. Corrugated plastic canister measuring 11 ½" x 18 "
  - 3. 12" square  $\frac{3}{4} \times \frac{3}{4}$  ventilation holes, for a 1-1 ratio of venting.

4. 50 lbs of odor controlling media designed for removal of H<sub>2</sub>S gas. Plastic vent scrubbers that contain activated alumina media or carbon **will not be accepted.**
  - a. Media must be Non-Hazardous before and after it is spent.  
Media Specification  
Moisture Content: 35% Max
  - b. Crush Strength: 35%-70% Max
  - c. Abrasion: 4.5% Max
  - d. Pellet Diameter: 1/16" - 1/4" (1.5mm-6.5mm)

Wager media only will be accepted due to the high level of capacity. No equals will be accepted. **Carbon will not be accepted.**

Only UL certified media will be accepted in Wager's vent scrubber. If other media's are used in this unit, it must be designed to be 25% larger with a minimum of 25% additional media.

The general contractor is responsible for all design cost changes, engineer review time, and testing verification.

Analytical Services:

- e. Samples of the media may be analyzed in order to predict the life of the system media at Wager's expense.