

2050-450

ODOR CONTROL SYSTEMS



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570 MONTROAL RD, RURAL HALL, NC 27045

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2050-450

SPECIFICATIONS

- 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)
 1. 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.



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REPLACEMENT PARTS LIST

2050-450-B-6	2050-100-SA BODY ASSEMBLY
2050-450-T	2050-450 COVER
FLNG GASKET 6-4	6-4 FLANGE GASKET
VRV-2050	2050-VACUUM RELIEF VALVE
OCU-2050-50	50 LB. CARTRIDGE ODOR CONTROL MEDIA
233-GASKET-3	GASKET, 3.0 "I.D. x 3.5" O.D.
SV- LATCH	UNDER CENTER DRAW LATCH
2500 ACFM	MIST ELIMINATOR PAD
WS-DRAIN-ASSY	WATER SEPARATOR VALVE
AAU-200-G	2050-200 DOOR GASKET



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INSTALLATION INSTRUCTIONS

- Pour a concrete pad with bolts in place for slated feet on the unit.
- If preferred, a level crush stone pad may be used in lieu of concrete.
- Set the 450 on pad or stone, and bolt it down.
- Remove media from the unit.
- If the 450 is being used in conjunction with an ARV, get a complete blowout of the ARV so that there is no big slug of air through the media bed.
- Unwrap the media canisters and place in the unit.
- Reinstall the 450 cover, and lock down.



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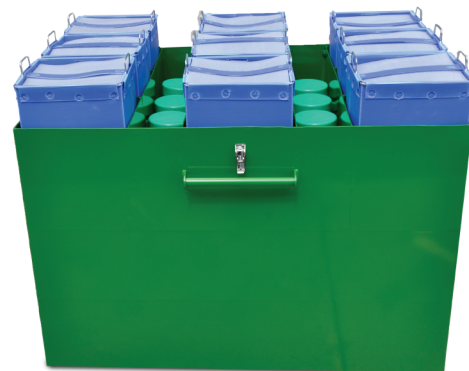
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INSTALLATION GUIDE



1. Remove media canisters. Ensure all of the original plastic wrap is removed from canisters. Media is in pellet form and should move freely to allow air to vent through. Check media pellets to ensure they are NOT wet.



2. Reinstall media canisters ensuring they are flush with the valve's inner chamber.



3. Place unit in desired location. Bolt flange to vent stack.



4. Secure the lid with the four lockable latches



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TEST PROCEDURES

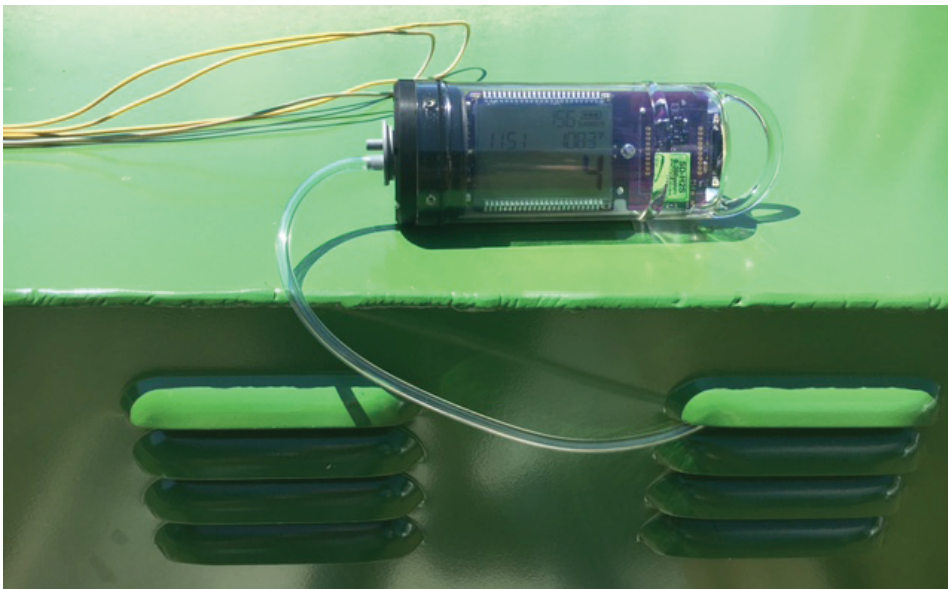


(Example of Side flange procedure.)



(Example of bottom flange procedure.)

1. Place Odor Logger in the bottom chamber of the unit, below the media baskets.



2. Place Odor Logger on top of media baskets, or place tube through the vent louvers.

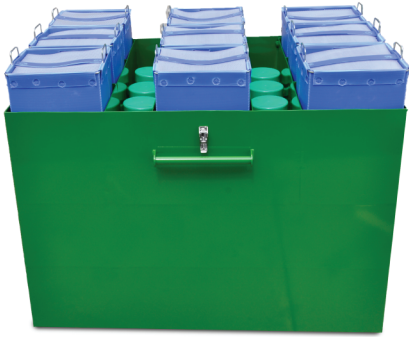


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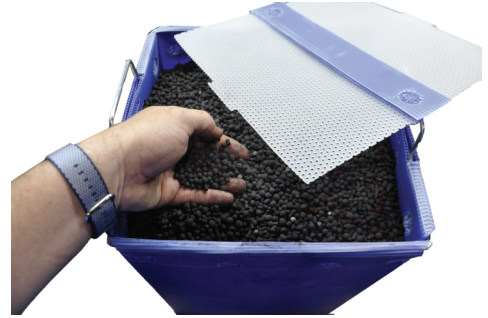
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MAINTENANCE GUIDE



1. Unlatch and remove lid from unit. Visually inspect the media canisters and air intake valves.



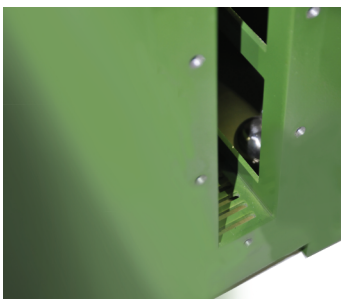
2. Inspect the media. Make sure it is dry. Shake or stir media pellets inside canisters every 3-6 months for maximum media life.



3. Unbolt water separator access plates. Inspect bolts, washers, and gasket. Remove water separator pads.



4. Wash water separator pad with hose.



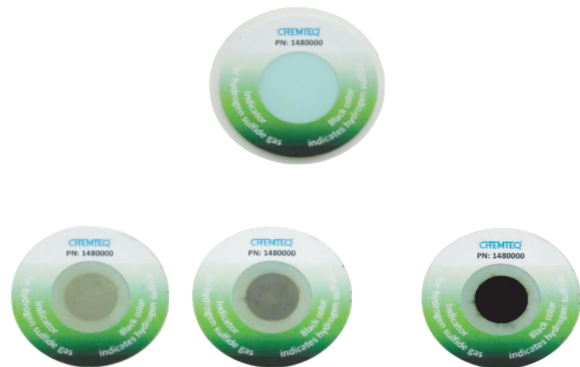
5. With the water separator pad out, inspect float drain assembly. Remove any debris and ensure drain is clean.



6. Reinstall water separator pads, gaskets, and water separator pad plates back onto the unit. Secure the lid with the four lockable latches

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MEDIA INDICATOR STICKERS



Replace Filter

Over Exposed

Operating Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches
- Remove indicator sticker from the packaging pouch.
- Peel off the protective liner to expose the bottom adhesive (Figure 1).
- Hold the sticker from the edges, as shown in Figure 2, and place it on center clean area of the filter's outlet with the reading area (glossy surface) of the sticker facing up.
- Press firmly to attach sticker to the filter's outlet (Figure 3).
- Replace filter when the reading area of the indicator changes color to brown or black.

*Caution: Do not touch bottom adhesive or the exposure area.

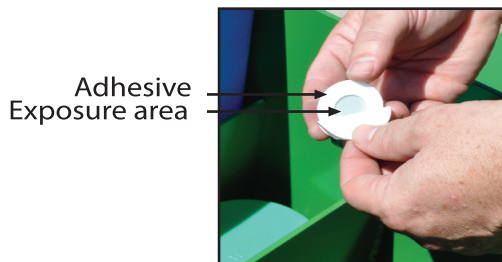


Figure 1



Figure 2

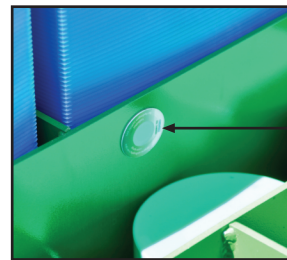


Figure 3



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WAGER SLATES

WARRANTY ACTIVATION GUIDE

TO ACTIVATE YOUR WARRANTY

- Download the APP on your smartphone or tablet (ios or android) SLATE PAGES
(The Slate Pages LLC)
- Open the APP.
- Create your profile.
- Scan the QR Code on the Wager unit.

UNDER ACTIVATE WARRANTY:

- Tap Activation Date and enter it.
- Tap Contact information and enter it.
- Tap Installation Instructions and review.
- Capture GPS location.
- Capture installation photo (optional)..
- Tap Save (Upper Right Corner).



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