2050-50-IP

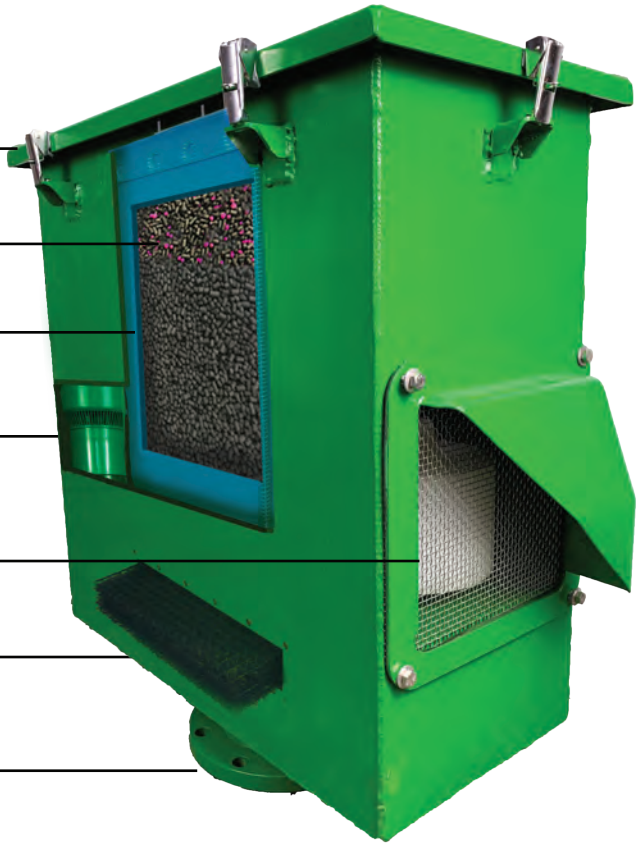
ODOR CONTROL SYSTEMS

WAGER
COMPANY

570 MONTROAL RD, RURAL HALL, NC 27045

(336) 969-6909 • 1-800-562-7024 (US) • WWW.WAGERUSA.COM

2050-50-IP
ODOR CONTROL SYSTEMS

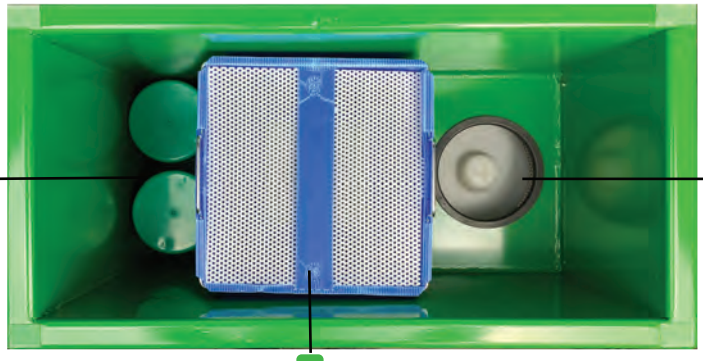


The 2050-50-IP is a combined odor control vent valve, with the additional feature of Wager's highly effective vertical vent check valve. This system is designed specifically in areas where lift stations or gravity lines are subject to flooding.

The 2050-50-IP is constructed from aluminum, and is epoxy coated grass green so that it fits nicely into the surrounding environment. It has 4 louvered vents to allow for maximum air flow of deodorized air. H2S gas is directed thru a canister 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.

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.

TOP VIEW



SPECIFICATIONS

2050 FAPC-IWS-IP	MEDIA CAPACITY Est. 50 LBS. (23kg)	1 CANISTER	2 VRV'S	1 MIST PADS	EST CFM. 60-75

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2050-50-IP

SPECIFICATIONS

A. This specification defines the requirements for a Wager 2050-50-IP Vent Scrubber 2050FAPC-IWS-50-IP manufactured by Wager Company in Rural Hall, NC. (Compliance with Build America, Buy America Act)

B. The 2050FAPC-IWS-50-IP consists of dry-scrubbing media contained in a fabricated aluminum plate housing, powder coated, grass green with a 4" or 6" inlet.

C. The 2050FAPC-IWS-50-IP shall contain 50 lbs of dry-scrubbing media that is engineered for the removal of H2S gas. The media is contained in a corrugated plastic container that is 11" x 11" 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. The vent check intake contains 316ss, ¼ x ¼ mesh screen, a disc style float, buna seat, 316 guide rod.

F. The 2050FAPC-IWS-50-IP contains TWO 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 air release valves, and with a vacuum sewer system where outside fresh air is required for system operation.

G. All components of the 2050FAPC-IWS-50-IP shall include:

1. A fabricated aluminum plate body, powder coated grass green
2. 50 lbs of odor controlling media engineered in pellet form
3. 4" or 6" flanged connection – Optional metric flange
4. Tamper proof lockable hook and security latches
5. Disposable media corrugated plastic insert

H. Vent Scrubber Material

1. Fabricated Aluminum plate
2. Corrugated plastic canister measuring 11 ½" x 11 ½ "
3. Latches in 316SS
4. Hooks in 316SS
5. 50 lbs of odor controlling media for removal of H2S gas and topped with a layer of POWER-4 Permanganate.
6. 4" or 6" Flanged Connection with 7.5" (191mm) bolt circle – Optional metric flange
7. Plastic vent scrubbers that contain activated alumina media or carbon will not be accepted.
8. Media must be Non-Hazardous before and after it is spent.

I. Media Specification

1. Moisture Content: 35% Max
2. Crush Strength: 35%-70% Max
3. Abrasion: 4.5% Max
4. Pellet Diameter: 1/16" – ¼" (1.5mm-6.5mm)

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

K. Only UL certified media will be accepted in Wager's vent scrubber.

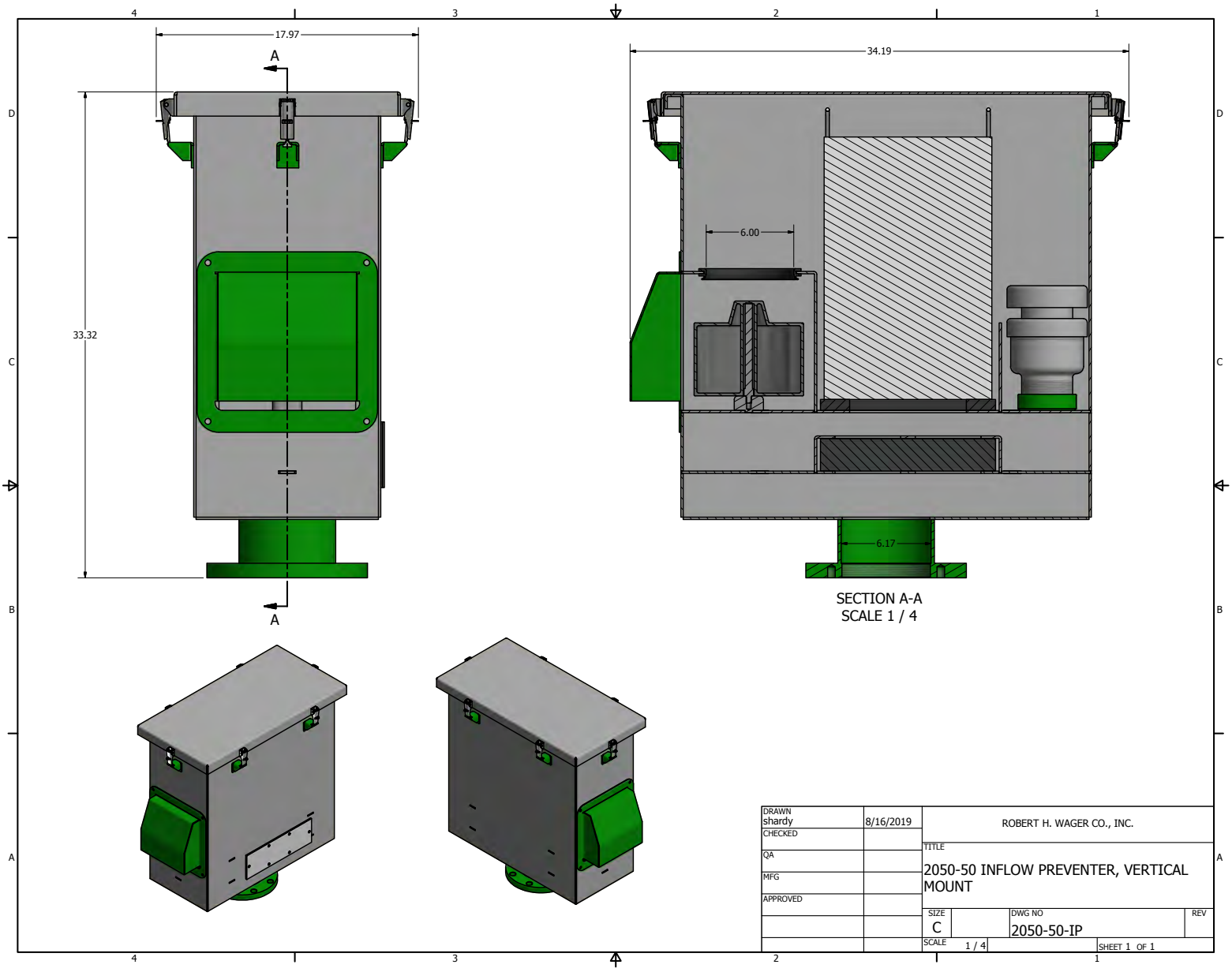
L. If other media's are used in this unit, it must be designed to be 25% larger with a minimum of 25% additional media.

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

N. Analytical Services:

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

TECHNICAL DRAWING



DRAWN shardy	8/16/2019	ROBERT H. WAGER CO., INC.	
CHECKED		TITLE: 2050-50 INFLOW PREVENTER, VERTICAL MOUNT	
QA			
MFG			
APPROVED		SIZE C	DWG NO 2050-50-IP REV
		SCALE 1 / 4	SHEET 1 OF 1

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2050-50-IP

REPLACEMENT PARTS LIST

AAU-50-SET-IP	2050-50-IP BODY
AAU-50-LID-IP	2050-50-IP COVER
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.
FLNG GASKET 6-4	6-4 FLANGE GASKET
SV- LATCH	UNDER CENTER DRAW LATCH
2500 ACFM	MIST ELIMINATOR PAD
AAU-50-7-G	2050 DOOR GASKET
FLT-7.5P-D	7.5” FLOAT POLY DISC
1500-6-G	GASKET 6” 1500 SERIES
1500-6-GR	GUIDE ROD, 6” 1500 SERIES

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2050-50-IP

INSTALLATION INSTRUCTIONS

.• Remove media from the unit.

• Connect the 2050-50-IP to corresponding flange and bolt together. .

• If the 2050-50-IP 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.

• Ensure that any possible nearby source where H2S gas can escape such as hatch doors are properly sealed.

• Unwrap the media canisters and place in the unit.

• Reinstall the cover, and lock down.

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INSTALLATION GUIDE

1. Unlatch the lid and remove the lid from the body of the valve. The media canister is wrapped in plastic for delivery. Remove the wrapped media canister by lifting up on the handles provided on the media canister.

2. Ensure all of the original plastic wrap is removed from canister before reinstalling. Media is in pellet form and should move freely to allow air to vent through. To check the media, pull up on the blue tab on the media canister lid. Check that the media pellets are dry.

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

4. Secure the lid with the four lockable latches. Place the unit slightly above the air release valve upon installation. This will allow excessive moisture to drain back into the ARV.

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**** 2050-50 -SA PICTURED. MODEL 2050-50-IP FOLLOW THE SAME STEPS.***

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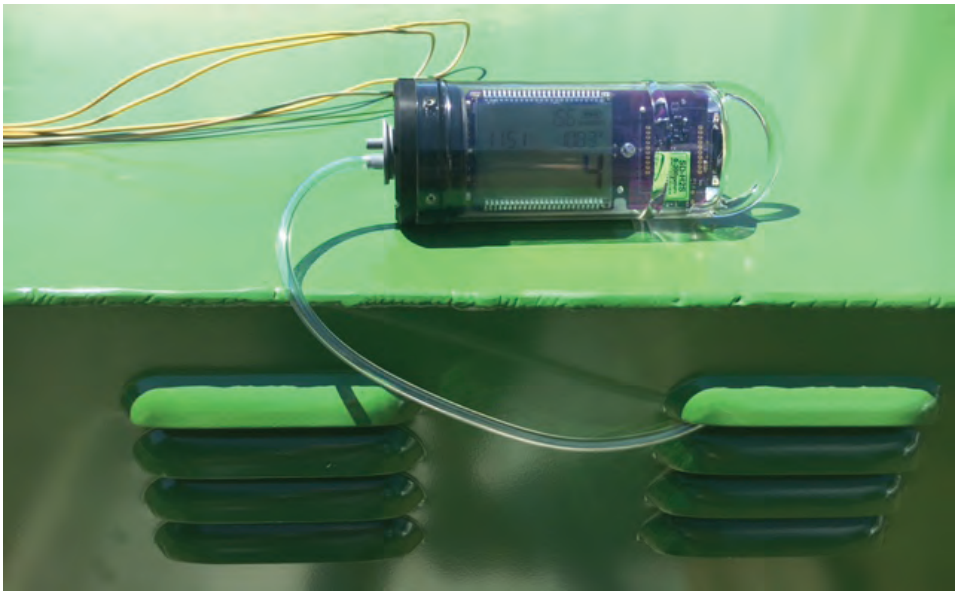
TEST PROCEDURES

(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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MAINTENANCE GUIDE

1. Unbolt water separator access plate. Inspect bolts, washers, and gasket. Remove water separator pad.

2. Wash water separator pad with hose.

3. Reinstall water separator pad and bolt access plate back onto the body.

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

5. Secure the lid with the four lockable latches.

2050-50 PICTURED. MODEL 2050-50-IP FOLLOW THE SAME STEPS.

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WARRANTY

Wager warranties our full line of Odor Control Valves for a period of twelve (12) months from the date of purchase of our products. This warranty covers the repair or replacement of any faulty manufacture of equipment produced by Wager. No allowance will be granted for repairs or alterations made by the Buyer.

The (1) year warranty does not cover Wager's engineered media. The media is meant to be replaced over time after scrubbing odorous gases from various sewer applications. Replacement of Wager's media with unauthorized material will affect the Limited Warranty of our products.

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