



eVOQUA
WATER TECHNOLOGIES



WHISPER® CARBON ODOR CONTROL SYSTEMS

ACHIEVE 99 PERCENT HYDROGEN SULFIDE REMOVAL WITH QUIET OPERATION

The WHISPER® Carbon Unit is a one-stage odor control unit that allows for optimal odor removal via adsorption that provides H₂S and associated sulfur compound removal. Units are designed for quiet operation with high odor removal.

Description

WHISPER Carbon Units are skid-mounted, pre-assembled systems. Vessels are constructed from corrosion-resistant, high-density polyethylene and fans are polypropylene. The incoming air is passed into the unit by a variable speed-controlled, corrosion-resistant fan, which provides quiet operation. The carbon media type is selected based on the specific application.

The WHISPER Carbon odor control system removes 99 percent of incoming H₂S and effectively reduces other common wastewater odor compounds. The WHISPER system can treat airflows up to 750 cfm. The units are designed and fabricated in the USA with skid-mounted controls for easy installation and operation.

Media

Evoqua carbon odor control systems are designed to work with a wide range of media.

Midas® OCM

For H₂S odor removal, we recommend Midas® Odor Control Media. Midas OCM has the highest odor removal capacity of any media on the market (0.3 g H₂S/cc carbon) and will reduce the frequency of media changeout.

Other Media Offered

- VOCarb® UOCH-KP caustic, impregnated odor control media
- VOCarb® P60 pelletized, coal-based, virgin-activated VOC carbon
- VOCarb® 48C, 36 C granular, coconut shell activated carbon

Features

- Achieves 99 percent hydrogen sulfide removal
- Variable speed fan for quiet operation
- Low profile for residential locations
- Designed and manufactured in USA

To learn more about the WHISPER System, visit www.evoqua.com/whisper

Applications

- Lift stations
- Headworks
- Vaults or enclosed areas in the collection system

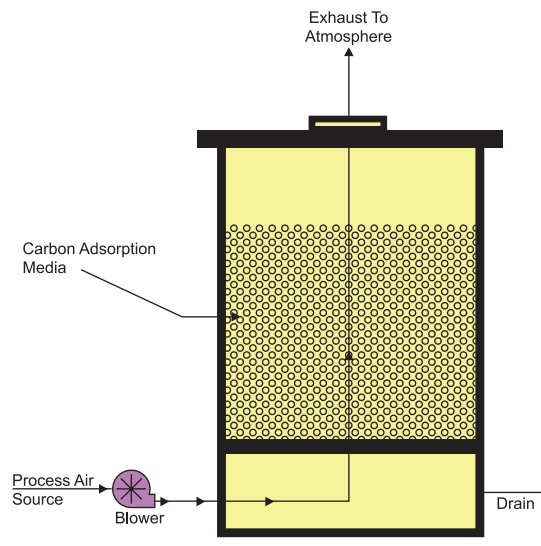
Worry-Free Odor Control

Evoqua has six regional service centers staffed with experienced personnel who can provide turn-key, full-service WHISPER® units on a monthly rental basis or for capital purchase. Our Full Service program includes on-site evaluation, installation, operation, service and performance reports. With Evoqua, you can rest assured that odor problems are under control.

WHISPER CARBON UNIT DESIGN INFORMATION

Model Unit	Media Bed	Airflow Rate (cfm)	Average H ₂ S (ppm)	Inlet Connection (inches)	Dimensions LxWxH (inches)	Fan Size (hp)
C24	Single	140	15	4	56x26x62	1.0
C48	Single	800	15	6	85x64x93.75	1.5

SINGLE-STAGE WHISPER CARBON UNIT - PROCESS FLOW DIAGRAM



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