



AQUA-SCRUB® 20 PILOT TESTING ADSORBER

Applications

The Aqua-Scrub® 20 five gallon drum adsorber is designed to provide uniform water flow for consistent treatment and to ensure efficient carbon usage. The small size of this adsorber makes it an ideal fit for small scale pilot tests or on-site treatability studies for a variety of applications including:

- Decolorization
- Product Purification
- Process Water Filtration
- Groundwater Remediation
- Wastewater Treatment
- Drinking Water Treatment

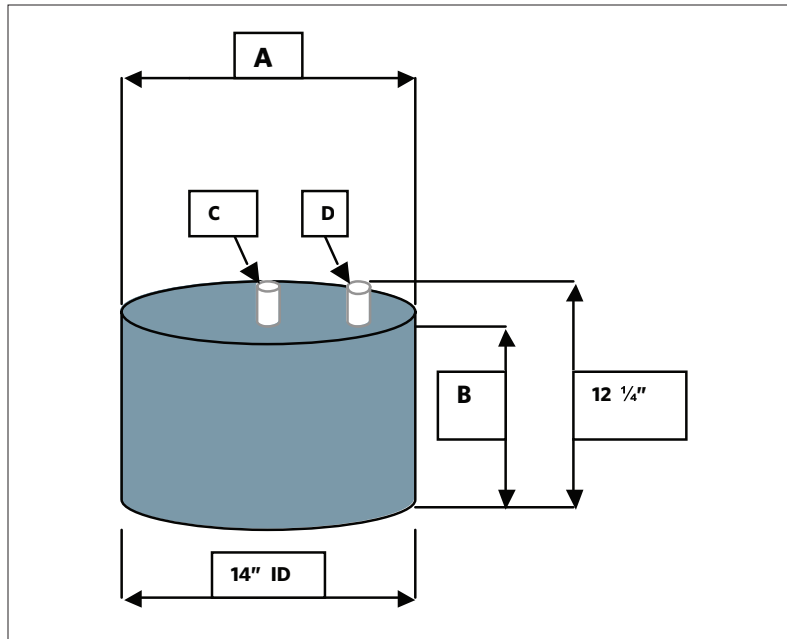
Installation, Startup and Operation

The Aqua-Scrub® 20 adsorber is shipped filled with dry activated carbon that must be properly wetted and deaerated prior to use.

Your Evoqua sales representative can assist with details on installation, predicted carbon usage, and designing a proper pilot test using these adsorbers.

Benefits and Design Features

- Drum manufactured from high grade 16 gauge carbon steel
- Internal lining is an industrial epoxy phenolic lining for corrosion resistance and is compliant with FDA regulations for drinking water treatment
- Underdrain system designed for proper flow distribution and carbon utilization to mimic a larger adsorption system
- Furnished with threaded connections for easy inlet/outlet connection
- Easier to handle than full size adsorber for pilot tests



SPECIFICATIONS - AQUA-SCRUB® 20 ADSORBER

A	B	C	D	MAX Flow	Carbon Fill	Shipping Weight
inches (mm)	inches (mm)	inches (mm)	inches (mm)	GPM (L/MIN)	lbs.(kg)	lbs.(kg)
15" (381)	10" (267)	3/4" (19)	3/4" (19)	5 (19)	15 (7)	20 (9)

OPERATING CONDITIONS

Maximum Working Pressure	7 PSIG (48 kPA)
Temperature Limit	140°F (60°C)

MATERIALS OF CONSTRUCTION

Vessel	Open head 16 gauge carbon steel canister
Lid	Removal steel cover, 12 gauge bolt ring
Lid Gasket	EPDM
External Fittings	Bulkhead type SCH 80 PVC
Internal Piping and Fittings	Schedule 40 PVC
Internal Coating	Epoxy Phenolic
External Coating	Industrial Enamel

Wet activated carbon readily adsorbs atmospheric oxygen. Dangerously low oxygen levels may exist in closed vessels or poorly ventilated storage areas. Workers should follow all applicable state and federal safety guidelines for entering oxygen depleted areas.



181 Thorn Hill Road, Warrendale, PA 15086

+1 (866) 926-8420 (toll-free) +1 (978) 614-7233 (toll) www.evoqua.com

Aqua-Scrub is a trademark of Evoqua, its subsidiaries or affiliates in some countries.

All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

© 2014 Evoqua Water Technologies LLC Subject to change without notice WS-AQS20-DS-0914