

RJMC Series Modular Carbon Adsorber Odor Control Systems

Siemens Water Technologies offers a full range of activated carbon systems for municipal and industrial odor control.

Modular Skid Mounted Systems

Skid-mounted activated carbon odor control systems are offered to treat up to 1,400 cfm (2400 m³/h) of odorous air. The carbon media is loaded prior to shipment, and the carbon vessel and fan are factory installed on a steel skid.

A local control panel mounted on the side of the vessel contains the power disconnect and motor starter for fan. The fan is mounted at the inlet, with air flow vertically upwards through the media bed. A damper is provided to regulate airflow through the vessel and isolate the system during media replacement. The bed is equipped with carbon sample ports, grounding rod and differential pressure gauge.

Optional Features

An acoustic enclosure is offered as an option to reduce noise levels in residential locations. The Siemens RJMC Series Adsorbers are offered in premium vinyl ester FRP or polypropylene for optimum corrosion resistance. Systems are designed to hold a wide range of activated carbon media. Systems are normally sized to provide a minimum of one year media life.

Special Features

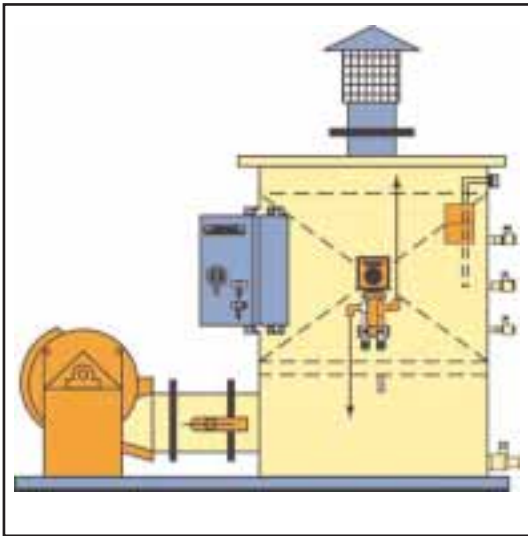
- Factory assembled and skid mounted
- FRP or Polypropylene construction
- Siemens service and support



Technical Information

Model	Air Flow Rate	Diameter	Footprint	Height	Carbon Weight	Gross Weight	Inlet & Outlet Diameter	Estimated System Power
	cfm	ft	ft x ft	ft	lbs	lbs	inch	hp
	m ³ /h	mm	mm x mm	mm	kg	kg	mm	kw
RJMC-0150	Up to 130	1.5	4.3 x 3.2	5.00	130 - 200	940-1010	4	1.0
	220	460	1300 x 975	1500	60 - 90	426-458	100	.75
RJMC-0200	105-235	2.0	5.3 x 3.5	5.00	235 - 360	1225-1350	6	1.0
	175-400	680	1600 x 1000	1500	105-160	555-612	150	.75
RJMC-0250	185-365	2.5	5.8 x 3.8	5.00	370 - 570	1570-1770	6	1.5
	315-620	770	1700 x 1100	1500	170-260	710-805	150	1.1
RJMC-0300	290-530	3.0	6.3 x 4.1	5.00	530 - 820	1940-2230	8	2.0
	490-1290	900	1900 x 1200	1500	340-370	880-1012	200	1.5
RJMC-0350	420-720	3.5	7.7 x 4.9	5.50	720 - 1120	2525-2925	8	2.0
	715-1225	1000	2300 x 1500	1700	325-510	1145-1327	200	1.5
RJMC-0400	575-940	4.0	8.3 x 4.9	5.50	940 - 1450	3095-3605	10	3.0
	980-1600	1200	2500 x 1500	1700	425-665	1405-1635	250	2.2
RJMC-0450	750-1190	4.5	8.8 x 5.2	5.50	1190 - 1850	3835-4495	10	3.0
	1275-2025	1400	2600 x 1500	1700	540-840	1740-2040	250	2.2
RJMC-0500	950-1400	5.0	9.1 x 5.6	5.50	1470 - 2300	4455-5285	12	3.0
	1615-2380	1500	2700 x 1700	1700	670-1045	2020-2397	300	2.2

Isometric Drawing



Media

Siemens 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 (0.30 g H₂S/cc carbon).

Other Media offered:

- UOCH-KP Caustic impregnated odor control media
- P60 palletized, virgin activated VOC carbon
- 48C granular, coconut shell activated carbon

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The United States and Trademark office has recognized the novelty of design of Midas OCM with the award of (U.S. Patent Nos. 7,101,417; 7,022,269; and 6,858,192).

The information provided in this literature contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of the contract.