

VPR™

VPR™ is a reactivated carbon. Reactivated carbons are produced by reacting spent (used) coal-based and coconut shell activated carbons with high-temperature steam under rigidly controlled conditions. Reactivation removes adsorbed contaminants and restores activity to near-virgin levels. Reactivated carbon is a recycled product with a lower carbon footprint than virgin-activated carbons. Calgon Carbon Corporation is the world's leader in

reactivation technology and recycles millions of pounds of waste-activated carbon annually. VPR™ is a good choice for a wide range of vapor-phase contaminants across many indoor air applications. The standard mesh size is 4x10, but custom sizes are available upon request. In many cases, the spent (used) VPR™ can be recycled again to eliminate the generator's waste liability.

Test	Typical Values		Calgon Carbon Test Method
	Min	Max	
Carbon Tetrachloride, wt% (Note 1)	55	-	TM-36, ASTM D 5742
Moisture (As packaged), wt%	-	2	TM-1 or ASTM D 2867
< 10 US Mesh [2.00 mm], wt%	-	5	TM-8, ASTM D 2862

Note 1: Carbon Tetrachloride value is based upon the ASTM D 5742 correlation. Carbon Tetrachloride=Butane Activity x 2.55.

Safety Message

Activated carbon preferentially removes oxygen from air. In closed or partially closed containers and vessels, oxygen depletion may reach hazardous levels. If workers are to enter a vessel containing carbon, appropriate sampling and work procedures for potentially low oxygen spaces should be followed, including all applicable Federal and State requirements.

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Warranty Disclaimer

Calgon Carbon Corporation warrants that the Activated Carbon VPR™ will be free from defects in materials and workmanship for a period of 90 days following the date of purchase. In the event of a breach of this warranty, Calgon Carbon Corporation will, in its discretion, repair or replace any defective parts or the complete unit during the warranty period. This warranty does not apply to defects caused by (i) normal wear and tear, (ii) accident, disaster or event of force majeure, (iii) misuse, fault or negligence of or by Buyer, (iv) use of Activated Carbon VPR™ in a manner for which it is not designed, (v) external causes such as, but not limited to, power failure or electrical power surges, or (vi) improper storage and handling of the Activated Carbon VPR™. EXCEPT AS EXPRESSLY PROVIDED IN THIS WARRANTY STATEMENT, CALGON CARBON CORPORATION DISCLAIMS ALL OTHER WARRANTIES, WHETHER STATUTORY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. CALGON CARBON CORPORATION DOES NOT WARRANT THAT THE ACTIVATED CARBON VPR™ ARE ERROR-FREE OR WILL ACCOMPLISH ANY PARTICULAR RESULT. ANY ADVICE OR ASSISTANCE FURNISHED BY CALGON CARBON CORPORATION IN RELATION TO THE ACTIVATED CARBON VPR™ PROVIDED FOR HEREUNDER SHALL NOT GIVE RISE TO ANY WARRANTY OR GUARANTEE OF ANY KIND. THIS WARRANTY WILL TAKE PRECEDENCE OVER ANY AND ALL OTHER WARRANTIES UNLESS SPECIFICALLY DISCLAIMED AND REFERENCED BY CALGON CARBON CORPORATION.

ACTIVATED CARBON INTRODUCTION
ACTIVATED CARBON VPR™

Calgon Carbon Corporation is constantly striving to improve its products and capabilities and to provide the best product to its customers. Calgon Carbon Corporation may from time to time develop product improvements or alterations (including, without limitation, revisions to product specifications), and may implement such Product Improvements without notice to the Buyer.

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