

Product Bulletin

Veeder-Root Software Update

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Vapor Systems Technologies, Inc.
650 Pleasant Valley Drive
Springboro, Ohio 45066 (USA)

Phone: 937-704-9333
Fax: 937-704-9443
www.vsthose.com

VST Executive Orders VR-203 & VR-204 Rev. E Software Update

The attached Veeder-Root Bulletin has been issued for industry clarification as it relates to the most current and preferred PMC/ISD Software packages that should be utilized when installing VST EVR equipment.

Please carefully review this information as VST equipment installations are increasing daily. VST encourages the installers to make sure that the most current software is in place prior to start up of these EVR stations.

For the sake of market simplicity, inventory management and the reduction of potential error, VST recommends using software versions PMC 1.02/ISD 1.02 (Veeder-Root versions 329.00 to current)



CALIFORNIA EXECUTIVE ORDER UPDATES
VR-203-E and VR-204-E
January 2, 2009

This document is to assist in understanding the California Executive Order changes pertaining to the Veeder-Root Carbon Canister Vapor Polisher. These changes affect Executive Orders VR-203 and VR-204 for EVR only and EVR with ISD sites respectively. Changes were posted by the California Air Resources Board on Monday, December 28, 2008 and are available in detail at the link: <http://www.arb.ca.gov/vapor/eo-evrphaseii.htm>.

Revised Exhibit 11 to specify a different flow meter, flow rate setting, and pressure drop specification. Pressure drop specification was revised in Exhibit 2.

This adjustment enables use of a different flow rate during testing of the Carbon Canister Vapor Polisher. The pressure drop pass/fail thresholds have changed due to the change in test flow rate.

This test procedure is supported by the flow meter that has been and is currently shipping with the kits from RKI Instruments. Contractors should have adequate access to these kits via RKI. Please find attached in separate PDF file a copy of the most recent price list and ordering information from RKI. Contractors should contact RKI for lead times and processes regarding obtaining equipment and refills for gases.

Also, please note that RKI is now offering a large size 44 cyl. (825L) of 10% vol. isobutane in N₂, that will accommodate approx. (15) carbon canister tests. This cylinder with its CGA 350 regulator will eliminate the need for the current manifold assembly and the small 17L cyls. that it uses. Further, the large cylinder is far more economical than the smaller disposable ones.

Added instructions for installing the Veeder-Root Vapor Polisher in an offset configuration.

The Installation Manual now supports offset mounting of the Carbon Canister Vapor Polisher (CCVP). The requirements and limitations of this configuration is available on page 18-11 of the manual. This should provide installers flexibility to move the CCVP away from property lines or buildings as required by some local agencies. Also, this offset mount allows a manifold pipe to be affixed to a stand alone support structure with a known calculation limiting the need to provide additional support for the existing vent rack. The CCVP may then be attached to this manifold line.

Additional information on this configuration may be obtained by contacting Veeder-Root Support or a local Area Service Manager.

Made other minor changes for clarity and consistency.

1. Please note footnote 3 in Exhibit 1 indicating that the Multi-Port Card (Module) is only required with the VST ECS Membrane Processor. *This part is not required and should not be quoted or installed for Veeder-Root configurations.*
2. Please note change in "**ISD Software Version Number**" in VR-204-E Exhibit 1 allowing ISD 1.01 for VST Processors. ISD 1.02 is required for the Veeder-Root Vapor Polisher. This change allows distributors and contractors to install previously shipped versions of Veeder-Root software with VST Processors. The Veeder-Root Vapor Polisher requires



version 29. Please note that the VST Processor will perform the same with either version of ISD. Please see the below reference table for software requirements.

3. Please note the change in “**PMC Software Version Number**” in VR-203-E Exhibit 1 allowing PMC 1.01 for VST Processors. PMC 1.02 is required for the Veeder-Root Vapor Polisher. Similar to item 2, this allows installation of previously shipped PMC 1.01 to be installed with VST Processor. Please note the VST Processor will perform the same with either version of PMC. Please see the below reference table for software requirements.

Reference table for software versions

PMC Versions Applicable to Executive Order VR-203-X

Permitted Software	Supported Equipment	Included in Veeder-Root Software Version(s)
PMC 1.01	1. VST ECS Membrane Processor	328.03
PMC 1.02	1. Veeder-Root Carbon Canister Vapor Polisher 2. VST ECS Membrane Processor	329.00 to current

ISD Versions Applicable to Executive Orders VR-202 and VR-204

Permitted Software	Supported Equipment	Included in Veeder-Root Software Version(s)
ISD 1.01	1. Healy Clean Air Separator EXCEPT with Multi-Product Fuel Blending Dispensers	327.04 to 328.02
ISD 1.01	1. VST ECS Membrane Processor	328.02
ISD 1.02	1. VST ECS Membrane Processor (no performance change from 328.02) 2. Healy Clean Air Separator INCLUDING with Multi-Product Fuel Blending Dispensers	328.03
ISD 1.02	1. Veeder-Root Carbon Canister Vapor Polisher 2. VST ECS Membrane Processor (no performance change from 328.03) 3. Healy Clean Air Separator INCLUDING with Multi-Product Fuel Blending Dispensers (no performance change from 328.03)	329.00 to current

NOTE: Veeder-Root will only ship the latest version of PMC or ISD from the factory. Previous versions are not available for purchase. Veeder-Root ensures backwards compatibility with each revision and will not remove support for any previous versions of PMC or ISD software in any subsequent release.