

Painting the Clean Air Separator

This bulletin addresses the question of painting the vertical (p/n: 9961) and horizontal (p/n: 9961H) Clean Air Separator (CAS).

The CAS is allowed to be painted based on testing that confirmed there was no resultant effect on operation of the CAS regardless of what color it was painted (see attached letter from California Air Resource Board).

Certain components on the CAS should not be painted as it could affect maintenance and/or testing capabilities. These components include the top flange, ball valves, breather assembly, factory installed piping connections, nameplates and labels (see Figure 1 and Figure 2 for details). Also, the painter shall not loosen, rotate, or remove factory installed fittings or flange as this may damage factory seals and may effect CAS operation.

Painting of additional components and piping beyond those shown in Figures 1 and 2 should follow local codes and per manufacturer guidelines. If you want to paint the piping or other adjacent elements to match the CAS, the tank is delivered with Sherwin-Williams System 4000 SW4036 paint, Mill Ivory color, formulated in silicone alkyd.

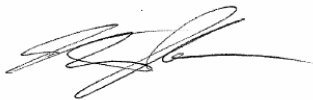
Another option is Glidden Evermore Premium Exterior Semi-Gloss Acrylic Latex Paint with Clear White Base #EM6811 and the following custom color mix:

	Colorant	0Z	48	96
F	Red Oxide	00	00	1
D	Thalo Green	00	01	1
C	Yellow Oxide	00	13	1

Glidden Evermore Premium is available at The Home Depot and other paint retailers.

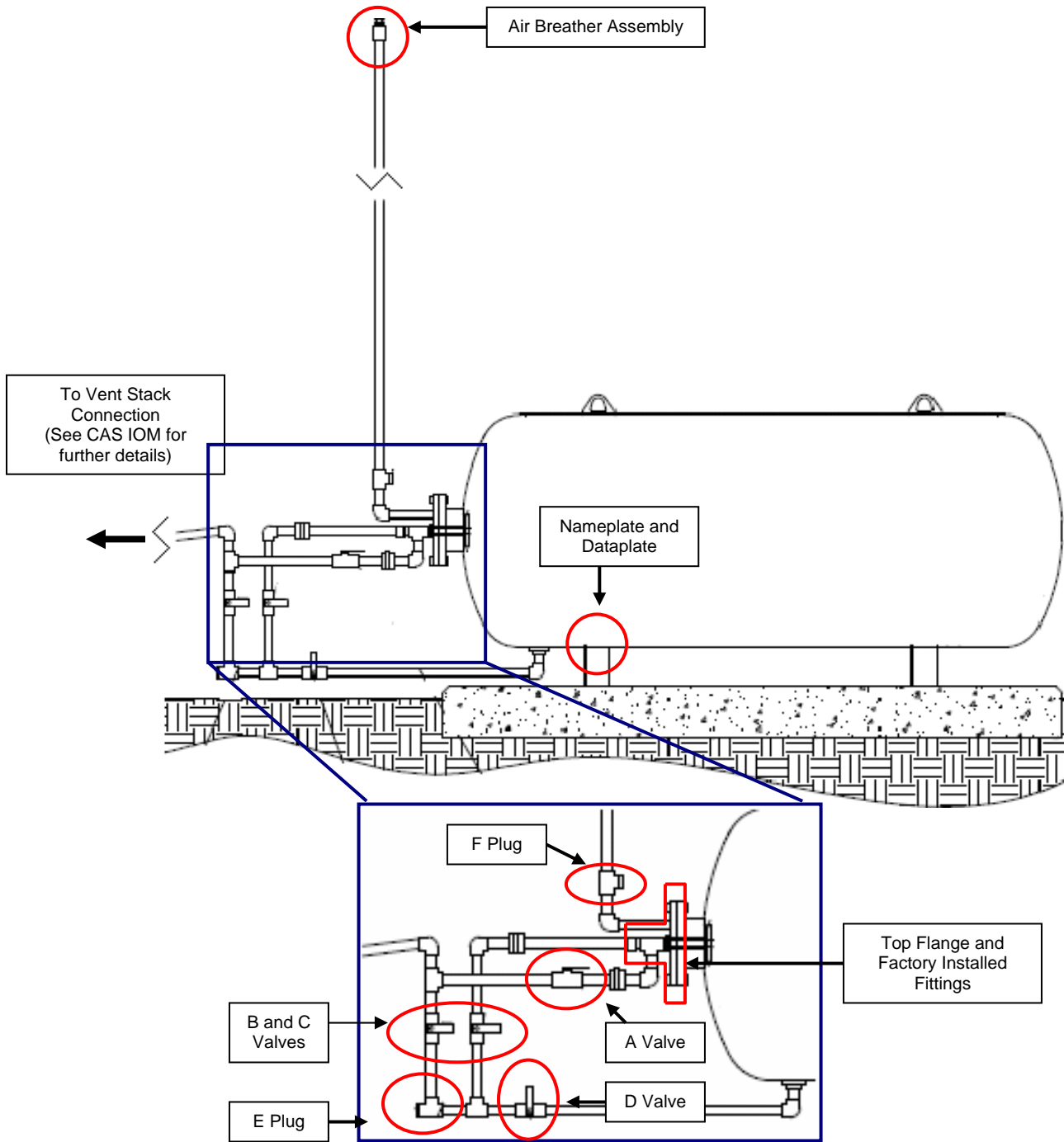
For complete details on the CAS please refer to Executive Orders VR-201 and VR-202 on the California ARB website: www.arb.ca.gov/vapor/vapor.htm for current Healy Stage II EVR system information. Contact Franklin Fueling Systems Technical Support for further information.

Sincerely,

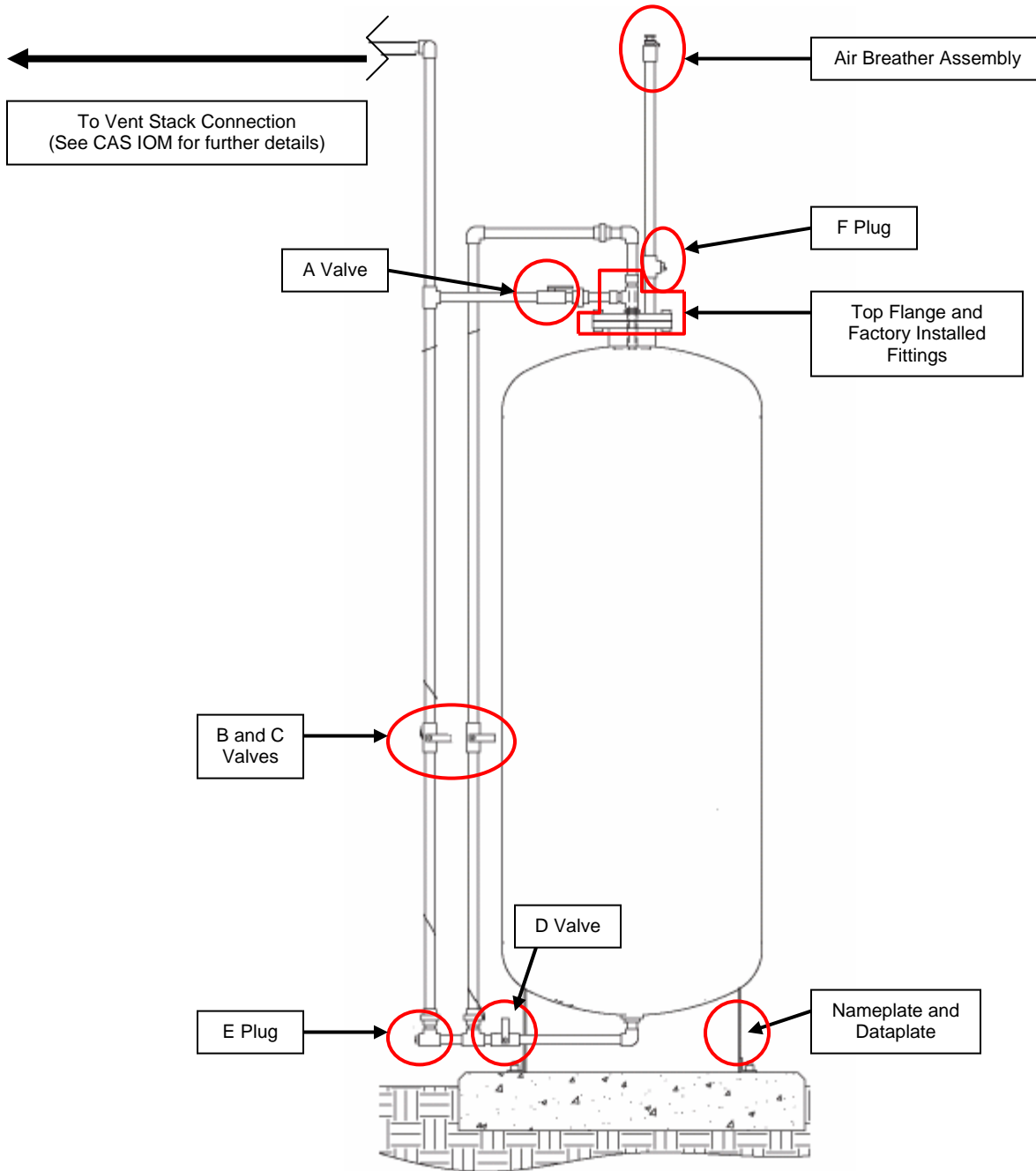


Matt Johnson
Applications Engineer
Dispensing systems





**Figure 1. Horizontal Clean Air Separator in normal operation
(Items circled in red cannot be painted)**



**Figure 2. Vertical Clean Air Separator in normal operation
(Items circled in red cannot be painted)**



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Mary D. Nichols, Chairman
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

August 2, 2007

Mr. Leon Schuster
Franklin Fueling Systems
Dispensing Systems Product Manager
3760 Marsh Road
Madison, Wisconsin 53718

Dear Mr. Schuster:

On July 25, 2007, the California Air Resources Board (ARB) received a letter from you requesting clarification regarding paint options for the tank body of the Clean Air Separator for the Franklin Fueling Systems (FFS) Healy Phase II Enhanced Vapor Recovery (EVR) Systems Executive Orders VR-201 series and VR-202 series.

During the initial certification of the Clean Air Separator, in response to a request by ARB staff, Mr. James Healy submitted calculations demonstrating that there was no resultant effect on tank pressure due to thermal conductivity from the Clean Air Separator regardless of what color it was painted. ARB staff confirmed the validity of those calculations so the Executive Order was issued with no limitations on the color of the body of the Clean Air Separator tank and the piping that is used for its installation at a Gasoline Dispensing Facility (GDF).

Should you have any questions or concerns regarding this letter, please contact either Paul Marzilli at 916-445-7431 or via email at pmarzill@arb.ca.gov, or Pat Bennett at 916-322-8959 or via email at pbennett@arb.ca.gov.

Sincerely,

George Lew, Chief
Engineering and Certification Branch
Monitoring and Laboratory Division

cc: see next page

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Printed on Recycled Paper

