Manufacturer must determine required amount of anti-siphon protection for specific vessel configuration per CFR 33. Manufacturer must select an Integrated Fuel Demand Valve with at least that much anti-siphon protection. Manufacturer must ensure that engine fuel distribution line vacuum requirements are met. See engine manufacturer for details.

The information below applies only to EPA CFR 40 1060.135. The vessel manufacturer is responsible to meet all additional regulatory labeling requirements including EPA, CARB, USCG and others as necessary. The below information is for reference only.

The vessel manufacturer should refer to CFR 40 for complete labeling guidelines.

In order to meet the requirements of CFR 40 1060.135, the vessel must be labeled with respect to evaporative emissions in the following manner when installing certified components:

Excerpt from CFR 40 1060.135
(a) You must affix a permanent and legible label identifying each engine or piece of equipment before introducing it into U.S. commerce. The label must be—
(1) Attached in one piece so it is not removable without being destroyed or altered.
(2) Secured in such a way that the engine or equipment required for normal operation and not normally requiring replacement.
(3) Durably and readily readable for the equipment’s entire life.
(b) Written in English.
(c) Easily visible in the final installation. It may be on a hinged door or other readily opened cover. It may not be hidden by any cover attached with screws or any similar devices. Labels on marine vessels must be visible from the helm.
(d) If you produce equipment without certifying with respect to evaporative emissions, the equipment label specified in paragraph (a) of this section must—
(1) State: ‘‘MEETS U.S. EPA EVAP STANDARDS USING CERTIFIED COMPONENTS.’’
(2) Include your corporate name.

Below is an example of a label specified by CFR 40 1060.135 for use with certified components:

EMISSION-RELATED INSTALLATION INSTRUCTIONS

Failure to follow these instructions when installing the Attwood Integrated Fuel Demand Valves in a piece of nominal equipment violates federal law (40 CFR 1068.105(c)), subject to fines or other penalties as described in the Clean Air Act.

FEATURES:
Attwood’s Integrated Fuel Demand Valve meets EPA regulations. The Fuel Demand Valve comes in five (5) different heights of anti-siphon shut-off protection (0", 1", 10", 19", and 30") and can be oriented in twelve (12) different positions providing optimal orientation. The Fuel Demand Valve also has a manual override built into the top.

REQUIRED FOR INSTALLATION
• Fillers for removal and assembly of retainer clip
• Appropriate hose fitting (1/2” NPT)
• Marine-grade urethane-based sealant (Attwood #30106-6 recommended)

LOCATION
• Mount of flat surface where risk of torsional loads being applied to the Integrated Fuel Demand Valve is minimal
• Locate in position where consumers will not kick or step on the valve

INSTALLATION INSTRUCTIONS
1. Locate barrel in Fuel Demand Valve aluminum base on tank
2. Remove clip and transport plug (Figure 1)
3. Install necessary barb fitting (1/2” RPT, not supplied). Use thread sealant.
4. Torque up to 8 ft-lb where applicable. Do not over torque.
5. Ensure sealing surface (interior of insert) is clean of debris
6. Remove shipping cover from valve assembly
7. Lubricate O-ring with a petroleum based lubricant such as motor oil. Insert Fuel Demand Valve to predetermined orientation (Figure 2). Once inserted, apply slight downward pressure on valve and install retainer clip fully into slot.
8. Once installed, apply slight upward pressure to Fuel Demand Valve to ensure it is locked into position.
9. Pressure test tank to ensure connection integrity; per CFR 33 183.580, at pressure of 3 psi for no less than 10 minutes. Inspect all connections for leak by method other than pressure decay.
10. If 99IFDVHSI is installed, align top hole with the top of the vent cap and snap in place. (Figure 3 & 4)

EMERGENCY CONTACT:
The vessel manufacturer must comply with the requirements of CFR 40 1060.202. Any questions can be directed to www.attwood.com

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN ACCIDENTAL EQUIPMENT DAMAGE.

Pre-requisites to Warranty Eligibility: For the warranty coverage described herein to apply, the following conditions must be met:
• Component must have been properly installed per Attwood installation instructions; and
• The component cannot have been altered or abused by Boat Company or its customers.

Warranty Terms for Components: Attwood warrants that any Attwood Integrated Fuel Demand Valves are free from defects in materials and workmanship and are designed, built, and equipped to conform at the time of sale to Boat Company with the 40CFR.1060 requirements. For two (2) years from the date of a Program Boat’s first retail sale, Attwood will, at its sole option, repair or replace any components that fail due to a defect in material or workmanship. ATTWOOD PROVIDES NO WARRANTIES WITH RESPECT TO ANY PART OR COMPONENT NOT MANUFACTURED BY ATTWOOD, INCLUDING FUEL TANKS. Boat Company is responsible for the installation of all Systems, whether installed by Boat Company or under its direction.

CONTACT ATTWOOD:
©2011 Attwood Corporation
1016 North Monroe, Lowell, MI 49331
www.attwoodmarine.com

©2011 Attwood Corporation
1016 North Monroe, Lowell, MI 49331
www.attwoodmarine.com

SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS

MEETS U.S. EPA EVAP STANDARDS USING CERTIFIED COMPONENTS

CORPORATE NAME

Please refer to CFR 40 1060.135 to review EPA vessel labeling requirements. The NMMA has a program to supply OEM builders with labels. Please refer to the NMMA website below for further information regarding the NMMA label program:
www.nmma.org/certification/products/labelsanddecals.aspx

TWO-YEAR WARRANTY & LIABILITY

Generally: Attwood Integrated Fuel Demand Valves are covered by the two (2) year limited warranty from the date of a Retailer’s first retail sale.

A.B.Y.C.
American Boat & Yacht Council
3000 Solomon’s Island Road
Edgewater, Maryland 21037
www.abycinc.org

E.P.A.
451 “M” Street, SW
Washington, DC 20250-2020
www.epa.gov

ISO
150
iso.org

National Marine Manufacturers Association (NMMA)
231 S. LaSalle Street
Suite 2050
Chicago, IL 60604
www.nmma.org

U.S. Coast Guard
Washington, DC 20240
www.uscgboating.org

FIGURE 1

Clip
Molded Nut
Tank
Transport Plug

FIGURE 2

Using a small flat head screwdriver, press downward through slot

FIGURE 3

Full Pressure Relief System

FIGURE 4

Fuel Demand Valve

©2011 Attwood Corporation
1016 North Monroe, Lowell, MI 49331
www.attwoodmarine.com

SAFETY INSTRUCTIONS
SAVE THESE INSTRUCTIONS

MEETS U.S. EPA EVAP STANDARDS USING CERTIFIED COMPONENTS

CORPORATE NAME

Please refer to CFR 40 1060.135 to review EPA vessel labeling requirements. The NMMA has a program to supply OEM builders with labels. Please refer to the NMMA website below for further information regarding the NMMA label program:
www.nmma.org/certification/products/labelsanddecals.aspx

TWO-YEAR WARRANTY & LIABILITY

Generally: Attwood Integrated Fuel Demand Valves are covered by the two (2) year limited warranty from the date of a Retailer’s first retail sale.

A.B.Y.C.
American Boat & Yacht Council
3000 Solomon’s Island Road
Edgewater, Maryland 21037
www.abycinc.org

E.P.A.
451 “M” Street, SW
Washington, DC 20250-2020
www.epa.gov

ISO
150
iso.org

National Marine Manufacturers Association (NMMA)
231 S. LaSalle Street
Suite 2050
Chicago, IL 60604
www.nmma.org

U.S. Coast Guard
Washington, DC 20240
www.uscgboating.org

FIGURE 1

Clip
Molded Nut
Tank
Transport Plug

FIGURE 2

Using a small flat head screwdriver, press downward through slot

FIGURE 3

Full Pressure Relief System

FIGURE 4

Fuel Demand Valve

©2011 Attwood Corporation
1016 North Monroe, Lowell, MI 49331
www.attwoodmarine.com