

## Frequently Asked Questions:

# Gilbarco Veeder-Root Encore<sup>®</sup> Flexible Fuel Dispenser (E85 Ethanol MPD's and Blenders)

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Which models of Gilbarco Veeder-Root dispensers are now Underwriter's Laboratory approved under UL 87A for use with E85 ethanol fuel?

The Encore models now UL LISTED for use with E85 fuel are listed below with the Flexible Fuel option included. All Encore MPD units manufactured after **June 24, 2010** and Blender units manufactured after July 30, 2010 with the Flexible Fuel option will have the UL mark displayed on the serial plate label.

### Model Description

MPD 1-Grade Dispenser (Encore S & E300)  
MPD 2-Grade Dispenser (Encore S & E300)  
MPD 3-Grade Dispenser (Encore S & E300)  
MPD 4-Grade Dispenser (Encore S only)  
Single Hose +1 MPD (only +1 on the Encore S)  
Blender Dispenser 2+1 (blended grades on the Encore S)  
Blender Dispenser 2+1 (only +1 on the Encore S & E300)  
Blender Dispenser 3+0 (blended grades on the Encore S)  
Blender Dispenser 3+1 (blended grades on the Encore S)  
Blender Dispenser 3+1 (only +1 on the Encore S & E300)  
Blender Dispenser 4+0 (blended grades on the Encore S)  
Blender Dispenser 4+1 (blended grades on the Encore S)  
Blender Dispenser 4+1 (only +1 on the Encore S & E300)  
Blender Dispenser 5+0 (blended grades on the Encore S)  
Multi-Hose +1 Blender Dispenser (only +1 on the Encore S)

*Note: With the addition of the Flexible Fuel option these models are also approved for use with E25.*

What is the benefit associated with the UL Listing on Encore blender dispensers?

In some areas of the country fuel marketers are already familiar with using blender dispensers to deliver blended ethanol fuel. By doing so, they're not only bringing a new fuel to the market, they are also able to become a "blender of record". In most cases, the "blender of record" status qualifies them to claim the Federal Tax Credit of .51 cents per gallon of ethanol dispensed. Check with you local tax authority to see how you could take advantage of this opportunity.

What hanging hardware is LISTED for use with E85 fuel?

Information on the required LISTED hanging hardware is outlined below. This data has been updated with the corrected manufacturer's part number and corresponding Gilbarco numbers. You will also be able to find this outlined in the Encore Owner's, Installation, and Service manuals. All Gilbarco Veeder-



Root FlexFuel dispensers must have this updated list of hanging hardware installed in order to be in compliance with the UL Listing. *NOTE: (Other lengths of the Veyance hose are also approved and available).*

Description	Manufacturer's Part Number	Gilbarco Part Number
Veyance E85 3/4 x 8'0"Hose (BLK)	Flexsteel Futura Ethan-All - (E85)	HHE6G080BKE1
Veyance E85 3/4 x 1'0" Whip Hose (BLK)	Flexsteel Futura Ethan-All - (E85)	HHE6G010BKE1
UL Listed E85 Auto Nozzle - 3/4"	OPW 21GE-0492 (black)	M11298B001
	OPW 21GE-0992 (yellow)	M11298B002
UL Listed E85 Swivel 3/4"	OPW 241 TPS-0492	N23748 04
UL Listed E85 Shear Valve 1.5"	OPW 10P-0152E85	T19695-23
UL Listed E85 Break-A-Way 3/4"	OPW 66V-0492	N23020-10

**Are the self-contained (pump) equivalent models also approved and available?**

No, Gilbarco Veeder-Root self contained pumping units have not been tested or approved for use with anything other than standard gasoline and diesel fuels.

**Can I purchase UL approved E85 hanging hardware directly from Gilbarco?**

Yes, Gilbarco Veeder-Root will make the hanging hardware components available both with the purchase of a new unit and as a spare part through our Service Parts organization. You will be able to order these parts just as you would similar gasoline/diesel components today.

**Section 2 - Existing Equipment**

**Does Gilbarco anticipate the regulatory community will continue to let E85 be dispensed through older E85 FFD dispensers with no changes?**

Based on the unit build that was submitted to UL and subsequently approved, Gilbarco Veeder-Root expects that retailers will need to replace existing hanging hardware with the new UL LISTED devices. However, we strongly suggest you contact your local authority having jurisdiction (AHJ) and speak with a representative to confirm.

**How do I get a UL label for the E85 Flexible Fuel dispenser I purchased prior to the official listing?**

UL's currently does not allow an E85 dispenser that was built prior to the LISTING date to be retrofitted with a new serial label identifying it as a LISTED product. UL does NOT believe existing equipment can

be properly evaluated in the field for the following reasons:

1. UL would be unable to certify that the internal gaskets / seals used in the meter and for all of the connections are of the specific type specified in the E85 UL file, and
2. the product falls outside the scope of expertise of the Field Evaluation Services group at UL.

**How do I obtain approval from the local authorities having jurisdiction to continue using my E85 Flexible Fuel dispenser without the UL label?**

Currently, UL will not allow the UL Mark to be retrofitted onto an E85 dispenser. As discussed previously, this is due to the uncertainty of internal components that may have been changed since the unit was put into service. Therefore, a customer that requires evidence that the unit was originally built with E85 compatible components may contact Gilbarco Veeder-Root Encore Marketing for this documentation.

**Are the newly UL LISTED E85 Flexible Fuel dispenser models also approved by the National Conference of Weights and Measures?**

Yes, Gilbarco Flexible Fuel models are approved by the National Conference of Weights and Measures. The certificate # is 02-019A16.

**Does Gilbarco have retrofit kits available and approved for upgrading standard dispensers to E85?**

Gilbarco has submitted retrofit kits to Underwriter’s Laboratory for evaluation.

**What is Gilbarco Veeder-Root’s Warranty on the E85 Flexible Fuel dispenser?**

The Gilbarco Veeder-Root standard 2 year dispenser warranty coverage will apply to E85 Flexible Fuel dispensers as shown in the table below.

**Gilbarco Veeder-Root Warranty Coverage by Fuel Type**

<b>Products</b>	<b>Up to E15</b>	<b>E25</b>	<b>E85</b>
Encore S	All Models	Flexible Fuel models*	Flexible Fuel models*
Encore 300	All Models	Flexible Fuel models*	Flexible Fuel models*
Legacy®	All Models	none	none
Gasboy®	All Models	none	none

\* Specific Flexible Fuel models can be found in the GPL-1500 pricebook on page 9 and in the latest Encore Product Brochure

Final Note: See Gilbarco Veeder-Root document, SP-3410 for more information regarding the blend wall and EPA’s possible move to approve E15 as a standard motor fuel in the US and its use with standard Gilbarco dispensing equipment.