

Ethanol Compatible Dispenser Specifications/Listing

The following is a summary of components and systems used by CLEANFUEL USA dba CFT Dispensers to make their Fuel Dispenser, Gilbarco Veeder Root and Dresser Wayne, Dresser Inc. units compatible with E85/E100.

COMPONENT/SYSTEM	DESCRIPTION	NOTES	COMPLIANCE	PICTURE
Fuel Meter	Liqua Tech. LPM 101 Ethanol Compatible Meter, 2 to 12 gpm rating, 350 PSI pressure rating, typically operating pressure of 30 to 50 psi.	All internal components and seals compatible with E85 fuel.	File MH45339 Project 06NK07675 Effective 5/6/06 Currently suspended by UL	
Plumbing	Schedule 80 pipe and .750 X 304 X .049 Stainless Steel Tubing.	Internal piping is schedule 80 black pipe (no galvanized components)	Per UL 87 for Retail Motor Fuel Dispenser, DOE recommends black pipe	
Flow Control Valve	ASCO 3/4 NPT HV283290-1 120/60 Electrical Rating, stainless steel solenoid valve	UL and CSA Approved for use with E85	Currently under review.	
Fuel Filter	Cim Tek 70025 High Alcohol	Two filters per inlet	R/C by UL	
Filter Adaptor	Cim Tek 50018 Nickel-Plated Aluminum Casting.		Listed, currently suspended by UL.	
Fuel Nozzle	OPW 11A-0492	Compatible with E85	Listed, currently suspended by UL.	
Breakaway Valve	OPW 66V-0492	3/4 NPT Breakaway Valve	Listed, currently suspended by UL.	
Hose Swivel	OPW 45M-0492	3/4 NPT Hose Swivel	Listed, currently suspended by UL.	
Delivery Hose/Whip Hose	Steel Flex/Fuel Hose	Ethanol Compatible		
Pipe Sealant	Safe T Lock, Industrial Grade, UL Restricted	Meets Federal Specifications AMS-S-7916 AND TT-S-1732	Under review by Underwriters Laboratories, Inc. in CFT file	