

Econotrol™ ET3P-32 B-100 Blender

Bio Diesel Blenders with Digital Controls for Precise Fuel Blending. Refinery, Truck, Rail Loadouts, Metering Skids, Industrial or Marine



Economy Controls Biofuel Blenders can be supplied with Gear Meters and Gear Pumps, shown above, which have extremely high viscosity capabilities (10,000 CP). This eliminates concerns of gelling, or slow flow under cold temperatures, which could cause pressure imbalance and errors at Dispensers. All Blenders are fully proportional under all conditions using Computerized Controls made by Economy. Using Analyzers at Retail Travel Plazas throughout the USA, no errors were detectable at the Dispensers using Economy Biodiesel blenders.

All Blender Computers provide Rate Of Flow Indication and Totalization of Both Main Flow and Blended B-100. An optional IP assignable remote management package includes Total Main Flow, Total B-100 Flow, Run Time, Customer I.D. Numbers, Date & Time of Transactions, and Tank Level. All Blenders can be read, configured, or operated locally or via the internet from any PC. Any Errors in system operation, e.g., Lo Tank Level, are automatically broadcast back to the host system.

Economy will supply only the Blender and Controls, or the entire Package, with Installation, Project Management, and Start Up, for a turn-key solution.

*Intelligent
flow systems
that measure up!*

www.economycontrols.com

Economy Controls
CORPORATION
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Flow Computer

Data Entry: 16 Function sealed Tactile Membrane Keypad with MENU selection and on screen instructions provide easy to understand messages (Audio & Video Annunciation) IP assignable and remotely manageable with resets.

Display: Large 4 line x 20 character "Supertwist" Liquid Crystal Display with adjustable contrast

Enclosure: NEMA 4X & 12 Fiberglass reinforced Polyester, UL listed, 13 3/16" H x 11 3/16" W x 6 5/8" D (335mm x 285mm x 168mm) Weight: 10 Lbs. (22.04kg)

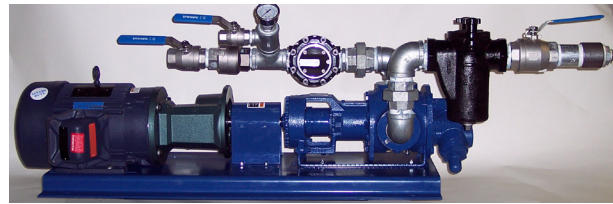
Temperature: 0 to 50 deg. C (operating) -25 to +70 deg. C (storage)

Standard Features

Motor Hot shut down and detect
Low tank level shut down and detect
Missing pulse shut down and detect
MENU selection and on screen instructions provide easy to understand messages
Flow, Calibrate, Inventory, & Alarm MENUS
Inventory Management Software in all program versions
LoFlo Alarm provides missing pulse detection
Run, Set Point, Rate of Flow, Total, & Inventory displays of both Additive and Main Flow while running
Totalizer, cumulative & resettable
Calibration on command by entering + or - error
Socket type processor provides for ease in program changes or upgrades
Inputs/Outputs: Available in AC or DC Modules for Flowmeters, Valves, Sensors, & other
Remote start/ stop
Non-Volatile memory retains all data on power loss for ten years
Available in International Languages
Two year warranty

Liquid Side

32, 52, 100 gpm, and larger units. All components have an "A" rating for use with spec B-100. (No yellow Metals) All seals are Teflon or Industrial Viton. Units are wet tested and pressure tested to 150#. Recommended maximum operating pressure not to exceed 60 PSIG internal relief factory set @ 30PSIG.



52 Gallon Per Minute B-100 Blender



Controls Mounted



2 Sump Mounted Blenders

Electrical

Control Panel

UL Listed and or equivalent approvals on all Drive Control components, Relays, Power Supply, Enclosure, Wire and Fittings. Drive components mounted in a Nema 3R or specified enclosure. Other sizes available.

Motor

UL Listed Explosion Proof 5 HP 208/540 Volt 3 Phase motor and Drive. Non AOP Motor. (On motor overheat unit shuts off and local restart is required).

Flow Meter

UL Listed and or equivalent approval for Nema 4, 7 and 9. Solid state pulse transmitters with 0-5 VDC pulse train.

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