

Econotrol™ ET3P-T60 B100

Bio Diesel Blending Station Prefabricated and Installed On Site



The T60 B100 Blender, shown above, was designed by Economy Controls with Pumps, Meters, Valve Manifolds, Strainers, Filtration, Tank, & Pipework Heating complete. Components were prefabricated for rapid and cost effective installation on site. With over 40 years of experience in designing Fluid Transfer Systems, Economy builds Blending systems which address each clients' specific needs. System Performance, Monitoring, and Maintenance checks can be made on the System by Computers in a remote control room, or over the internet.

All Blender Computers provide Rate Of Flow Indication and Totalization of Both Main Flow and Blended B-100, 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

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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
Remote start/ stop
Non-Volatile memory retains data for ten years
Available in International Languages
Two year warranty

Liquid Side

The system shown above was supplied with 4hp STP, 44 PSIG, 60GPM Open Flow Pumps. All components have an "A" rating for use with spec B-100(No yellow Metals); 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 @ 44PSIG.



Twin Sumps House Transitions



Pre-Fab Building Installed Over Sumps and Blend Fixture



Twin Variable Speed STP Pumps Ratio the Blended Product Into the Diesel

Electrical

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 enclosure. Other sizes available.

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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