

POWERED BY BOOSTERWORX



BOOSTERWORX

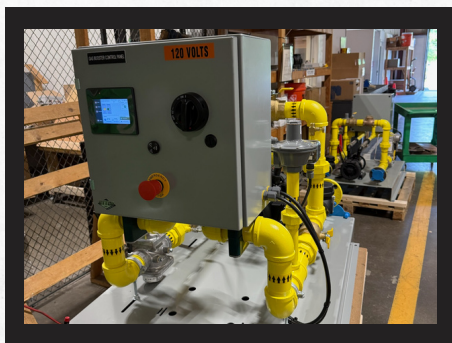
E101-PHC

COMPACT HIGH-CAPACITY PACKAGED GAS BOOSTER SYSTEM



Space-saving packaged gas booster system engineered for higher-capacity mechanical rooms, retrofit projects, and commercial or industrial equipment installations.

The **BoosterWorx E101-PHC** by ETTER Engineering is the **higher-capacity version of the E101-P**, designed to increase gas pressure for applications requiring greater flow rates. Engineered for reliability, safety, and simplified installation, the E101-PHC arrives completely pre-piped, pre-wired, factory tested, and equipped with a PLC-based touchscreen HMI for true Plug & Play operation. Featuring a hermetically sealed magnetic-coupled drive with no shaft seals, the E101-PHC eliminates potential leak paths while delivering dependable performance in demanding commercial and industrial environments.



E101-PHC KEY FEATURES

New Advanced PLC & Touchscreen HMI

Intuitive operator interface with plain-English diagnostics, alarm history, and real-time system status.

Plug & Play Package

Pre-piped, pre-wired, and factory tested for fast installation.

Higher Capacity Performance

Delivers capacities up to 1,600 CFH with up to 14" W.C. pressure boost.

UL/CSA Approved Components

Designed for safety, reliability, and code compliance.

Remote Support Ready

Built-in connectivity allows ETTER to remotely assist with troubleshooting. Optional owner remote access is also available.

Integrated System Protection

Includes pre-plumbed check valves, bypass piping, low gas pressure switch, and no minimum flow requirement.

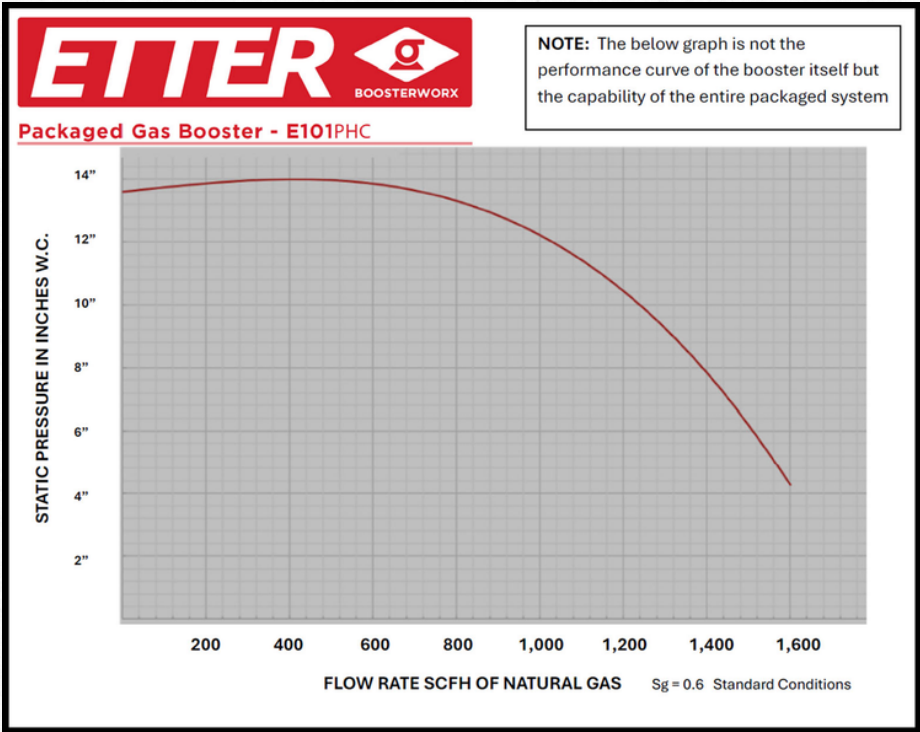
Hermetically Sealed Booster

Magnetic-coupled drive eliminates shaft seals and potential leak paths.

TECHNICAL OVERVIEW

Review performance curves, technical specifications, and typical applications for the E101-P gas booster system.

FLOW CHART & PERFORMANCE



Capacity	Up to 1,600 CFH
Max Pressure Increase	14" W.C.
Motor	1/3 HP TEFC
Voltage	120V / 1 / 60
Connection Size	2" NPT Union
Construction	Metal Skid Frame
Drive Type	Magnetic Coupled Hermetic Seal
Controls	UL Approved Panel
Gas Type	Non-Corrosive Fuel Gas

TECHNICAL OPTIONS TABLE

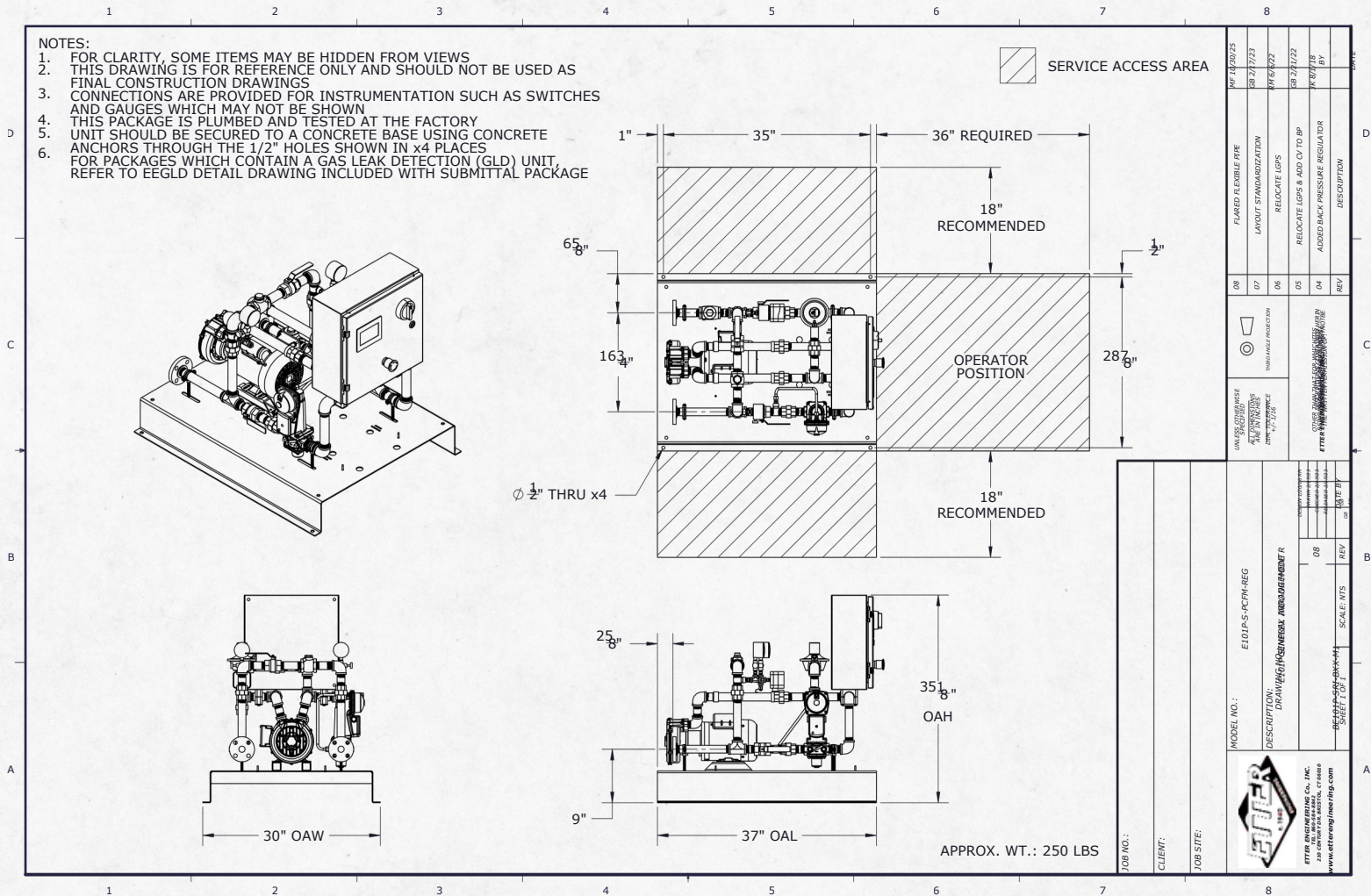
UPS	GLD	FLP	STK	HTD	COM	HMI
Generator set controls with integrated UPS backup for up to 10 minutes of operation during power	Gas leak detection with automatic shutdown and safety shutoff valve	Outdoor weather resistant enclosure with lockable steel doors	Stacked duplex design to reduce system footprint	Heated outdoor system for UPS protection in cold environments	BACnet communication module for BMS integration	Touchscreen interface with remote monitoring and alarming

TYPICAL APPLICATIONS

- Hot Water Heaters & Small Boilers
- Industrial Equipment
- Generators
- Process Heating Equipment
- Retrofit Gas Systems
- Commercial Mechanical Rooms



E101-PHC GENERAL ARRANGEMENT DRAWING



NEED MORE CAPACITY?

For applications requiring higher flow rates, ETTER Engineering also offers:

- **KPak Series** Packaged booster systems for larger commercial and industrial applications.
- **gasPOD Systems** High-capacity engineered gas booster packages for demanding process environments.

NEED A SMALLER SYSTEM?

- The E101-P is our most compact gas booster system, ideal for applications requiring less than 1,000 CFH of gas flow.

