

POWERED BY BOOSTERWORX



E101-P

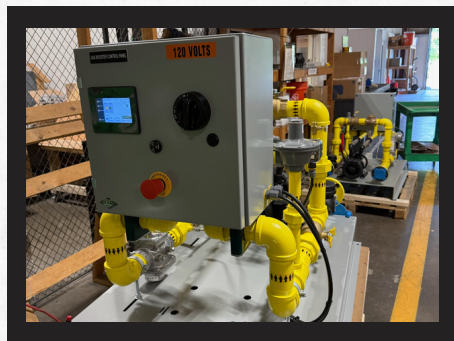
COMPACT PACKAGED GAS BOOSTER SYSTEM



Space-saving packaged gas booster system engineered for mechanical rooms, retrofit projects, and smaller equipment installations.

The BoosterWorx™ E101-P by ETTER Engineering is a compact packaged gas booster system designed to increase gas pressure for applications requiring low to moderate flow rates. Engineered for reliability, safety, and simplified installation, the E101-P 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-P eliminates potential leak paths while delivering dependable performance in demanding commercial and industrial environments.



E101-P 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.

Hermetically Sealed Booster

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

Remote Support Ready

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

UL/CSA Approved Components

Designed for safety, reliability, and code compliance.

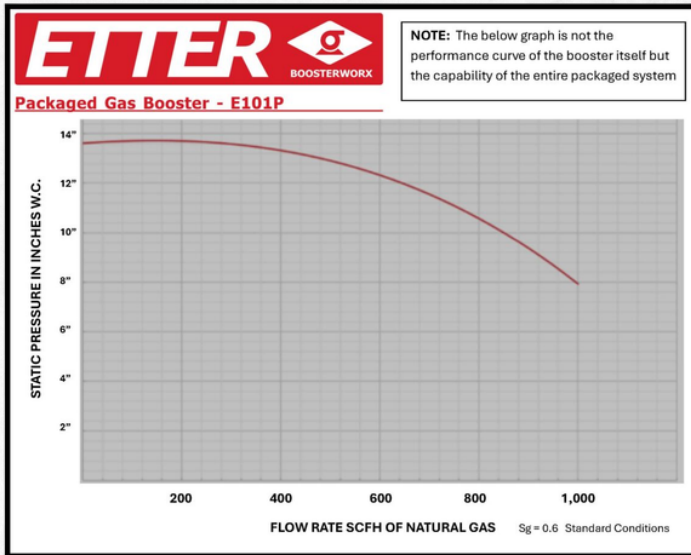
Compact Footprint

Ideal for tight mechanical rooms and retrofit applications.

Integrated System Protection

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

TECHNICAL OVERVIEW & PERFORMANCE



Capacity	Up to 1,000 CFH
Max Pressure Increase	13.5" W.C.
Motor	1/3 HP TEFC
Voltage	120V / 1 / 60
Connection Size	1" NPT Union
Construction	Metal Skid Frame
Drive Type	Magnetic Coupled Hermetic Seal
Controls	UL Approved Panel
Gas Type	Non-Corrosive Fuel Gas



E101-P TYPICAL APPLICATIONS

- Boilers
- Industrial Ovens
- Generators
- Process Heating Equipment
- Retrofit Gas Systems
- Commercial Mechanical Rooms

TECHNICAL SPECIFICATIONS TABLE

Mode G	GLD	TRNS	STK	HTD	COM	HMI
Generator set controls with integrated UPS backup for up to 10 minutes of operation during power loss	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

NEED MORE CAPACITY?

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

- **E101-PHC** Higher-capacity version of the E101-P for applications exceeding standard E101-P flow requirements.
- **KPak Series** Packaged booster systems for larger commercial and industrial applications.
- **gasPOD Systems** High-capacity engineered gas booster packages for demanding process environments.

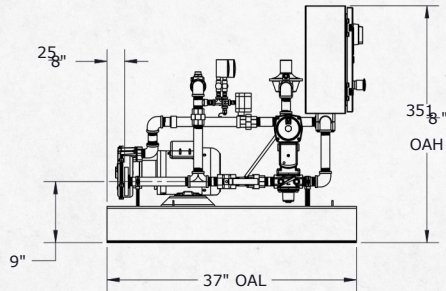
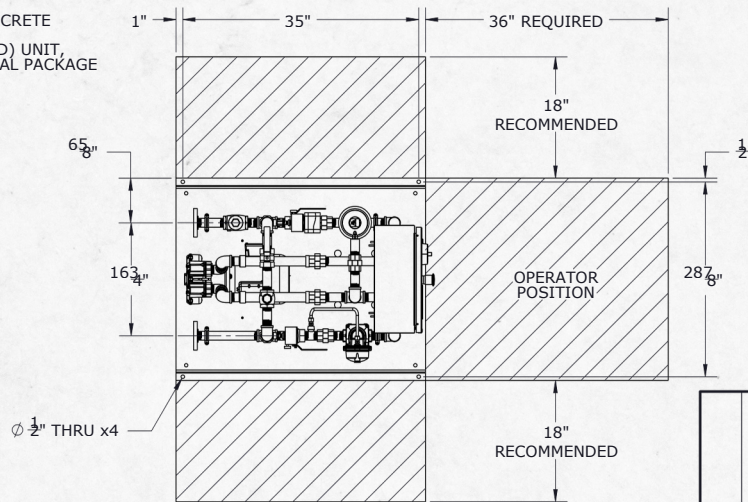
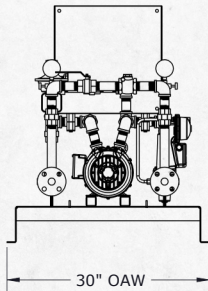
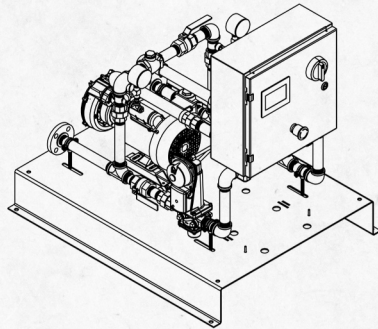


E101-P GENERAL ARRANGEMENT DRAWING

NOTES:

1. FOR CLARITY, SOME ITEMS MAY BE HIDDEN FROM VIEWS
2. THIS DRAWING IS FOR REFERENCE ONLY AND SHOULD NOT BE USED AS FINAL CONSTRUCTION DRAWINGS
3. CONNECTIONS ARE PROVIDED FOR INSTRUMENTATION SUCH AS SWITCHES AND GAUGES WHICH MAY NOT BE SHOWN
4. THIS PACKAGE IS PLUMBED AND TESTED AT THE FACTORY
5. UNIT SHOULD BE SECURED TO A CONCRETE BASE USING CONCRETE ANCHORS THROUGH THE 1/2" HOLES SHOWN IN x4 PLACES
6. FOR PACKAGES WHICH CONTAIN A GAS LEAK DETECTION (GLD) UNIT, REFER TO EEGLD DETAIL DRAWING INCLUDED WITH SUBMITTAL PACKAGE

 SERVICE ACCESS AREA



APPROX. WT.: 250 LBS

NO.	DESCRIPTION	BY	DATE
06	FLARED FLEXIBLE PIPE	GB	02/17/23
07	LAYOUT STANDARDIZATION	R.M.	06/06/22
08	RELOCATE LGPS	GB	02/21/22
05	RELOCATE LGPS & ADD CV TO BP	GB	02/21/22
04	ADDED BACK PRESSURE REGULATOR	J.K.	08/01/18
03	MOD. FOR 289L OPTION	R.M.	04/18/17
REV	DESCRIPTION	BY	DATE

JOB #:																											
CLIENT:																											
JOB SITE:																											
 ETTER ENGINEERING Co., INC. 210 CENTURY DR. BRISTOL, CT 06010 TEL: 860-584-8842 www.etterengineering.com	MODEL NO.: E101P-S-PCFM-REG DESCRIPTION: ASSOCIATED DIMENSIONS E101P SIMPLEX MODE R INDOOR																										
	DRAWING NO. BE101P-SRI-BXX-M1 - 07 SHEET 2 OF 2 SCALE: NTS REV																										
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION																										
	DESCRIPTIONS CONTAINED HEREIN ARE PROPRIETARY AND MAY NOT BE USED FOR ANY OTHER PURPOSE OTHER THAN THAT FOR WHICH IT IS BEING MADE AVAILABLE WITHOUT THE WRITTEN PERMISSION OF: ETTER ENGINEERING Co., INC.																										
<table border="1"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td>07</td> <td>LAYOUT STANDARDIZATION</td> <td>GB</td> <td>02/17/23</td> </tr> <tr> <td>06</td> <td>RELOCATE LGPS</td> <td>R.M.</td> <td>06/06/22</td> </tr> <tr> <td>05</td> <td>RELOCATE LGPS & ADD CV INTO BP</td> <td>GB</td> <td>02/21/22</td> </tr> <tr> <td>04</td> <td>ADDED BACK PSI REGULATOR</td> <td>J.K.</td> <td>08/01/18</td> </tr> <tr> <td>03</td> <td>MOD. FOR 289L OPTION</td> <td>R.M.</td> <td>04/18/17</td> </tr> </table>		REV	DESCRIPTION	BY	DATE	07	LAYOUT STANDARDIZATION	GB	02/17/23	06	RELOCATE LGPS	R.M.	06/06/22	05	RELOCATE LGPS & ADD CV INTO BP	GB	02/21/22	04	ADDED BACK PSI REGULATOR	J.K.	08/01/18	03	MOD. FOR 289L OPTION	R.M.	04/18/17		
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