

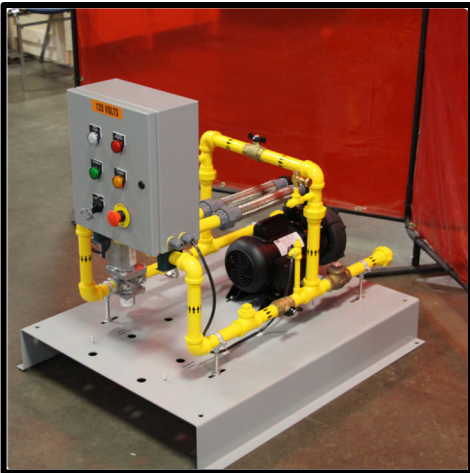
ETTER



BOOSTERWORX

Packaged Gas Booster - E101P

Version: April 2026

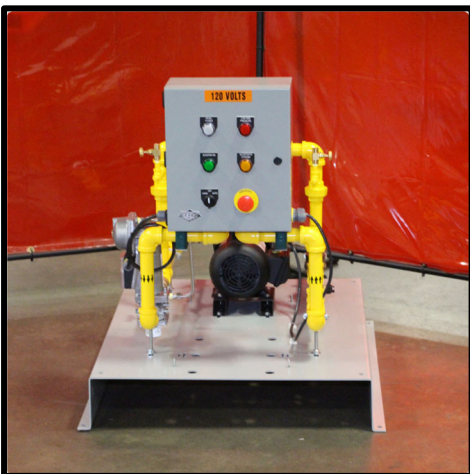


The ETTER Engineering E101-P packaged gas booster system is designed for pumping low volumes of gas, which is not corrosive to aluminum or steel, and are used when an increase in pressure is required from the available line pressure. The Package includes a magnetic coupled drive mechanism which has no shaft or shaft seals, eliminating potential leak paths. The E101-P has a capacity range from 0 to 1000 CFH, with a maximum available pressure of 13.5"W.C. added to the inlet pressure. An outlet gas pressure regulator sets a constant outlet pressure over a range of flow rates. Performance information for the standard capacity model is listed in the sizing curve on the back.

The E101-P is designed as a Plug and Play unit and comes completely pre-piped, wired and tested for your application with:



- Metal skid-style frame with all components mounted and wired.
- All components including regulator and flex-hoses are integral and pre-plumbed
- UL /CSA approved gas booster pump and components.
- 1" NPT union ends inlet and outlet for easy installation.
- NO minimum flow rate requirement - pump can be dead-headed with no adverse effects!
- Pre-plumbed check valves, bypass, and low gas pressure switch.
- UL-Approved Control Panel includes:
 - Lights and push buttons, Operating interlocks, Motor starter, circuit breakers, control relays, and timers
- 1/3 HP 120V/1/60 TEFC motor with magnetic seal to the hermetic booster



The E101-P has various **OPTIONAL Packages** which include:

- **Mode G:** Generator Set Controls, complete with an integrated Battery Back-up system with 120V/1/60 uninterruptible power supply for 10 minutes of operation without landline power
- **GLD:** Gas Leak Detection system which will shut down the booster, alarm the fault, and shut off the gas supply from the booster with an automatic safety shutoff gas valve
- **TRNS:** Outdoor weather and tamper resistant steel enclosure with lockable steel doors
- **STK:** Stacked duplex design for minimizing system footprint and conserve valuable floor space. NOTE: Not available for outdoor installations.
- **HTD:** Heated outdoor system for integrated self-contained UPS. Otherwise, the UPS must be installed in a local tempered indoor location (55-110 F)
- **COM:** Communications Module, BACnet communications module for connecting unit status and alarming to Building Management System (BMS)
- **HMI:** Touch-Screen Control with advanced features include remote alarming and status on smartphones, tablets, or PCs. Standard base offering is push-button and pilot-lights



MOUNTING DIMENSIONS

4 x ϕ 0.53 THRU

28 $\frac{7}{8}$ "

35"

1" TYP.

$\frac{1}{2}$ " TYP.

6 $\frac{3}{4}$ " TYP.

8 $\frac{3}{8}$ "

1 $\frac{1}{8}$ " TYP.

16 $\frac{5}{8}$ "

37" OAL

30" OAW

33 $\frac{1}{8}$ " OAH

ϕ OF GAS INLET 1in FF FLANGE

ϕ OF GAS OUTLET 1in FF FLANGE

UNITS: INCHES	DATE: 02/21/23
ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED	REVISION: 07 LAYOUT STANDARDIZATION
APPROVED FOR CONSTRUCTION	06 RELOCATE LGPS
DATE: 02/21/23	05 RELOCATE LGPS & ADD CV INTO BP
DESIGNER: J.K. (08/01/18)	04 ADDED BACK PSI REGULATOR
DATE: 04/18/17	03 MOD. FOR 28RL OPTION
ETTER ENGINEERING CO., INC.	02
	01

MODEL NO.: E101P-S-PCPM-REG

DESCRIPTION: ASSOCIATED DIMENSIONS E101P SIMPLEX MODE R INDOOR

DRAWING: BE101P-SRI-BXX-M1-1-07

NO. 1

SHEET 2 OF 2

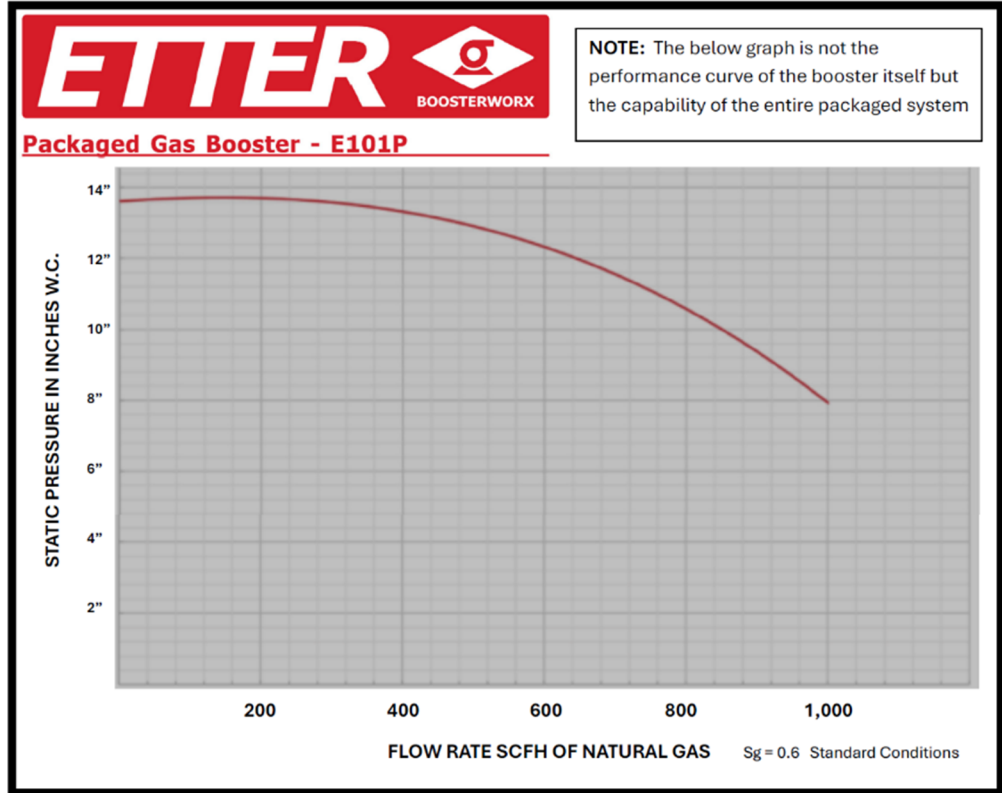
SCALE: 1/8" = 1'-0"

JOB #:

CLIENT:

JOB SITE:

ETTER ENGINEERING CO., INC.
11111 W. 111th St., Suite 100
Overland Park, KS 66213
Tel: 913-881-8842
www.etterengineering.com



NOTE: The E101P series has a larger capacity booster called the E101PHC. If you require a bit more flow please look at the E101PHC.

For units in excess of 1,600 CFH we suggest looking into the ETTER KPak or gasPOD Models