

# Packaged Gas Boosters



The ETTER Engineering E101-PhC-Xtra 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-PhC-Xtra has a capacity range from 0 to 1500 CFH, with a maximum available pressure of 15" W.C. added to the inlet pressure. An advanced control scheme (PCFM) automatically senses the need for gas flow, causing the booster to turn on and off on demand. Performance information for this model is listed in the sizing curve on the back.

The E101-PhC-Xtra is designed as a Plug and Play unit. Our advanced unit comes completely pre-piped, wired and tested for your application with all the features of a standard E101-PhC plus:

- Quality welded steel transclosure with lockable hinged doors for complete access.
- Advanced pressure controlled flow monitoring (PCFM) control scheme operating the booster automatically on demand.
- Integral lock-up style gas pressure regulator with field adjustable settings.
- Advanced PLC touch screen control providing:
  - Graphical representation of equipment status.
  - Advanced service and configuration settings.
  - Alarm history in plain english with time and date stamping.
  - Run time counter.



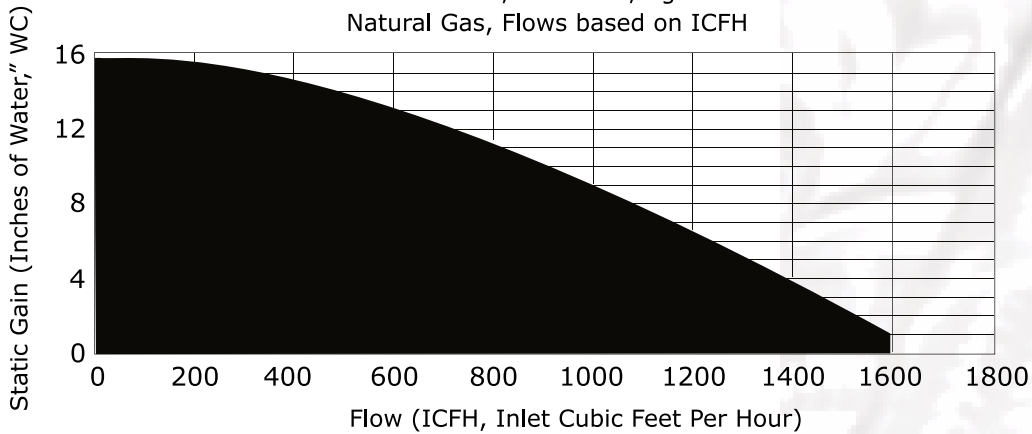
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		THIRD ANGLE		DESCRIPTION	
DESCRIPTIONS CONTAINED HEREIN ARE PROPRIETARY AND MAY NOT BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF ETTER ENGINEERING Co., INC.		DATE		REV	
CONTRACT NO. 1268-M-04-01		JOB NO. 1268-M-04-01		SHEET 1 OF X	
DESCRIPTION: DRYING SYSTEM FOR COATING LINE #7		DESIGN DRAWN		DATE	
DRAWING NO. 1268-M-04-01		CHECKED		BY	
JOB NO. 1268-M-04-01		RELEASED		DATE	
SHEET 1 OF X		MECH #		SCALE: NTS	

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**Flow Capacity: E101-PHC-Xtra**

Based On: 60F, 500 FASL, Sg = 0.65  
Natural Gas, Flows based on ICFH



The much larger gasPOD packaged units are also available with capacities up to 120,000 CFH and static gains of over 42" WC.

Optional equipment includes outdoor steel trans closures, Gas Leak Detectors, and Duplex systems.

