

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.



DATE: /2009

DESCRIPTION: MANUFACTURING

REV: 01

ETTER ENGINEERING Co., INC.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

DESCRIPTIONS CONTAINED HEREIN ARE PROPRIETARY AND MAY NOT BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF ETTER ENGINEERING Co., INC.

THIRD ANGLE

CONVERT TO METRIC FOR THIS PLANT #2

DESCRIPTION: DRYING SYSTEM FOR COATING LINE #7

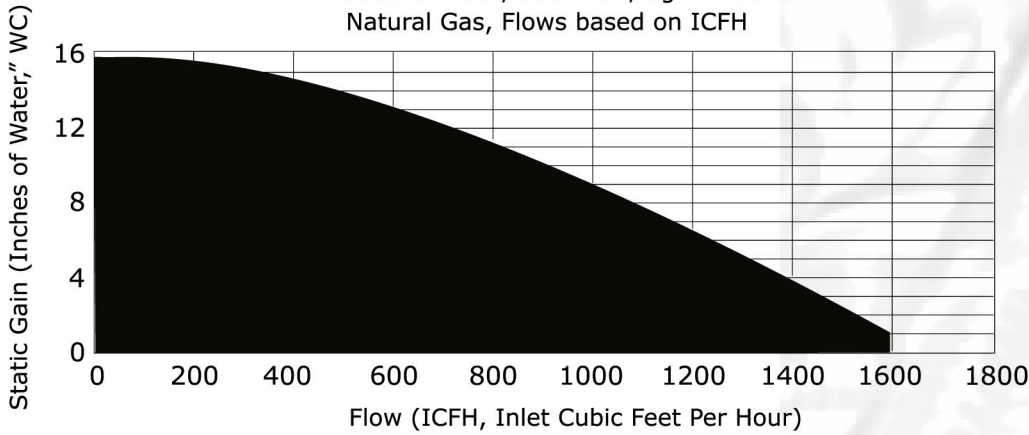
DRAWING NO.	1268-M-04-01
JOB NO.	
MECH #	
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SCALE	1 OF X
DATE	
BY	

SHEET 1 OF X

ETTER ENGINEERING Co., INC.
210 CENTURY DR. BRISTOL, CT 06010
TEL: 860-584-8842
www.etterengineering.com



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.

