



## Series 107 Model EPF Powered Coupler

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### FEATURES

- Evacuation & Charging
- Automatic disconnect capability
- Automatic operation, upon connection to fitting
- High vacuum and fluid flow rates
- Air operated
- Light weight
- Diesel Prime System



**Model EPF**

The Production Control Units Series 107 Powered Coupler is the interface adapter for Evacuation and Fluid Charging Systems. The Pneumate Process Coupler is designed for easy installation on to Eaton Single Valved (High-Flow) Fitting.

Coupler operation is controlled automatically by the process equipment. The operator only has to locate the Coupler on the process fitting. The process equipment then causes the coupler to clamp, seal, and initiate the cycle including evacuation, vacuum check or refrigerant charging. After cycle completion the process fitting seal is reseated and the coupler disconnects.

The clamping mechanism used is the time proven ball lock method.

The six hardened steel balls which are constrained in the charge gate body are secured onto the ball groove taper on the process fitting by the locking sleeve. Securing the balls on the taper assures positive force on the nose seal.

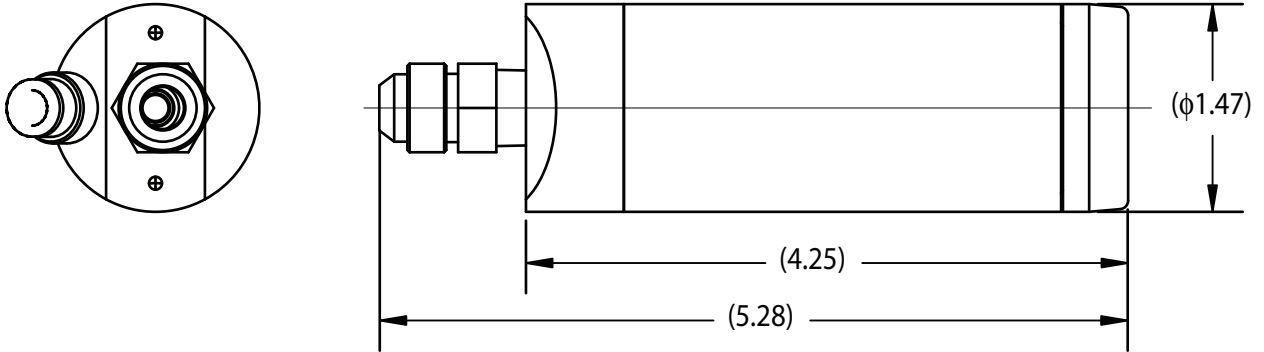
The Pneumate Process Charging Coupler can be easily adapted to all PCU "PLC" or relay controlled charging equipment or application to other competitive evacuation systems. Electrical controlled pendant or mechanical air valve available to suit your application.

For manual coupler see product bulletin PB005.

Contact our Order Department (1-937-299-5594) to find out how our PCU Process Couplers can save you time and money.

# Series 107-Model EPF Powered Coupler

107012-001



### TECHNICAL SPECIFICATIONS:

Weight for EPF..... 1 lbs (0.45 kg)	Process fitting compatibility .....
Vacuum range ..... ATM - 10 microns	..... Eaton 3036C or E03024A
Max. Fluid Pressure..... 300 PSIG max (21kg/cm <sup>2</sup> )	Flow Rate for EPF..... 0.6 Cv
Fluid/Vacuum port fitting for 250..... 3/8" JIC Flare	Process fitting nose seal .....
Air pilot .....	..... O - R i n g
Min. Air supply pressure .....	Process fitting clamp system .....
Air port fitting..... 1/4" dia. one touch connectors	..... PCU BaLLoc
	Standard Seal compound .....
	..... Buna-N (Nitrile)

\* Please contact PCU Engineering for custom power couplers to fit your application.



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