



Pneumate Series 100 Model 86 Powered Coupler

FEATURES

- Vacuum Only
- Automatic disconnect capability
- Automatic operation, upon connection to fitting
- High vacuum flow rates
- Air operated
- Lightweight



**J639 Low Side
Vacuum Only**

The Production Control Units Pneumate Powered Coupler is the interface adapter for evacuation systems. The Pneumate Process Coupler is designed for easy installation on to the HFC-134a low side process fittings. Use the Pneumate, Part Number 102000, for evacuation only. With the added benefit of automatic disconnect at cycle completion. For refrigerant charging use our Series 101 Model 86 Powered Coupler, Part Number 109006-001. (See Product Bulletin PB013-CP.

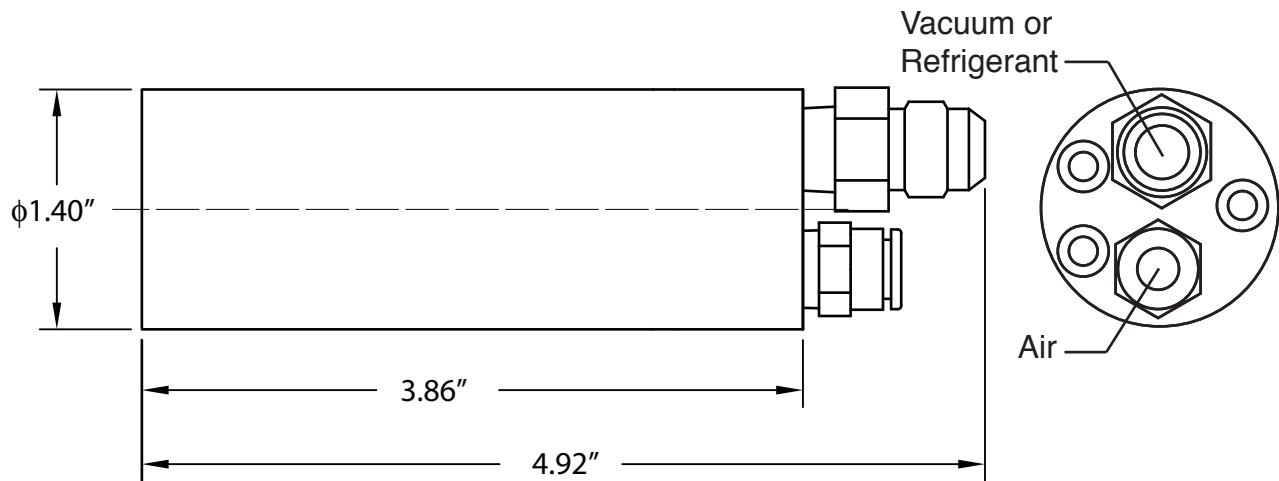
Coupler operation is controlled automatically by the process equipment. The operator only has to locate the Coupler on the process fitting. After cycle completion the process fitting seal is reseated and the coupler disconnects.

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.

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

Pneumate Series 100-Model 86 Powered Coupler



STANDARD STOCK PART NUMBER: 102000

TECHNICAL SPECIFICATIONS:

Weight 1.15 lbs (.5 kg)	Process fitting compatibility SAE J639
Vacuum range ATM - 10 microns	Flow Rate 0.41 Cv
Vacuum flow 2.8 SCFM	Stem extension 7.8 mm to 8.3 mm
Vacuum port fitting 3/8" JIC Flare	Process fitting nose seal Molded
Air pilot Clamp Air	Process fitting clamp system PCU BalLoc
Air supply pressure 60 PSIG (4.2 kg/cm ²)	Oil compatibility Polyolester or PAG
Air port fitting 1/4" dia. one touch connectors	PATENTS:
	This coupler is manufactured under U.S. Patent No. 4,805,417

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



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