

PRODUCT DATA SHEET: APMC, AUTO-PURGER M For Direct Operation by Plant Computer Systems or PLC

INTRODUCTION

The AUTO-PURGER M is a compact and totally automatic, electronically controlled, non-condensable gas refrigerant purger for reducing condensing pressure, and thereby saving electrical energy used by the refrigeration system. Model APMC allows a computer or PLC to turn on (or off) the purger. The computer or PLC energizes in sequence the purge point solenoid valves.

KEY FEATURES

This deluxe purger is completely assembled and function tested, insulated, and includes an automatic water bubbler. The APMC features welded piping and watertight electrical construction. A typical APMC installed in a plant with normal-entering non-condensable loads will easily handle a 200 ton (700 kW) ammonia system.

Four relay contact outputs are available to remotely monitor the status of the APMC: purger cooling down, releasing non-condensibles, diagnostic alarm, and exceed 60 minute purge time.

In addition, the status of the APMC may be remotely monitored via its RS485 connection. Easy to install Hansen supplied computer software is included.

SPECIFICATIONS

Refrigerants: Ammonia, R-22, R134a, R404A, R507A and other approved refrigerants

Safe Working Pressure: 27 bar (400 psig)

Operating Temperature: -51°C to +115°C
(-60°F to +240°F)

CE Approved

For more information, visit:
WWW.HANTECH.COM



APMC

Cat. No.	Refrigerant
APMC	Ammonia
APMCF	Halocarbons

APMC Ordering Information

Specify catalog number, voltage and refrigerant. Standard voltage is 230V 50/60 Hz. 115V 50/60 Hz is available.

Optional Valve Isolation Package	
VPM	Includes necessary shut-off valves and gauge valves for the "foul" gas, suction, and liquid lines. For Ammonia Systems.
VPMF	Includes necessary shut-off valves, gauge valves, filter dryers and moisture indicating sight glasses for "foul" gas, suction, and liquid lines. For Halocarbon Systems.

Specify catalog number.

Purge Point Solenoid Valves				
Type	Port Size inches (mm)	Flange Styles and Sizes		
		FPT, SW, WN (DN) Standard		ODS (D/OD)
HS8AST	1/2" (13)	1/2" (15)	3/4" (20)	5/8" (16)

Purge Point Solenoid Valve Ordering Information

Specify type, voltage, and flange size and style. Standard voltage is 230V 50/60 Hz with DIN plug.