

PRODUCT DATA SHEET: NEAPF, Non-Electrical AUTO-PURGER for Halocarbon Refrigerants

INTRODUCTION

The Non-Electrical AUTO-PURGER is a simplified version of the popular Hansen AUTO-PURGER. The Non-Electrical AUTO-PURGER is now available for use in halocarbon refrigeration systems (model NEAPF), in addition to ammonia refrigeration systems (model NEAP). The NEAPF is designed to remove non-condensable gases, mostly air, from a halocarbon refrigeration system. The NEAPF comes pre-assembled and tested. The simple heavy-duty design makes the NEAPF especially suited for industrial refrigeration systems.

KEY FEATURES

Since the NEAPF is non-electrical and has no external moving parts, it can be located anywhere, regardless of the elements. The NEAPF features fully-automatic start-up. By opening the three isolation valves, the purger then primes itself with refrigerant, cools down, processes foul gas, and releases any non-condensable gases present.

The non-electrical design makes the NEAPF ideal for explosion proof installations. Its compact design allows easy mounting on skidded refrigeration packages.

The NEAPF is capable of handling package units or small plants having a capacity of up to 100 tons (350 kW), depending on the quantity of non-condensable gases present in the system.

SPECIFICATIONS

Refrigerants: R-22, R404, R507 and other approved refrigerants

Safe Working Pressure: 27 Bar (400 psig)

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



NEAPF404

SELECTION

Refrigerant	Model
R22	NEAPF22
R404A	NEAPF404
R507A	NEAPF507

Optional Valve Isolation Package	
VPMF	Includes shut-off valves, filter dryers and moisture indicating sight glasses for "foul" gas and liquid lines.

For more information, visit:
WWW.HANTECH.COM