

PRODUCT DATA SHEET: Purging Log Kit (APLK) for AP Model Auto-Purger

INTRODUCTION

Hansen Technologies introduces the Purging Log Kit for the AP model Auto-Purger (AP08, 16, 24, 01, and APC). The Purging Log Kit measures purger and refrigeration system performance, using a digital timer to record total time the non-condensable gas (air) is released to the atmosphere. It also provides a basis for calculating the amount of residual refrigerant gas released from the system; as a normal occurrence of the purging process.

The Purging Log Kit provides a more precise indicator of purger operation than the purge gas cycle counter. A single non-condensable gas purge cycle release varies in time duration. With the purge gas cycle counter, if there is a change in system or purger performance, it may not be easily noticed by keeping track of counter events alone. Additionally, the Purging Log Kit is mounted on the outside of the cabinet, allowing for quick and easy recording of the purger log.

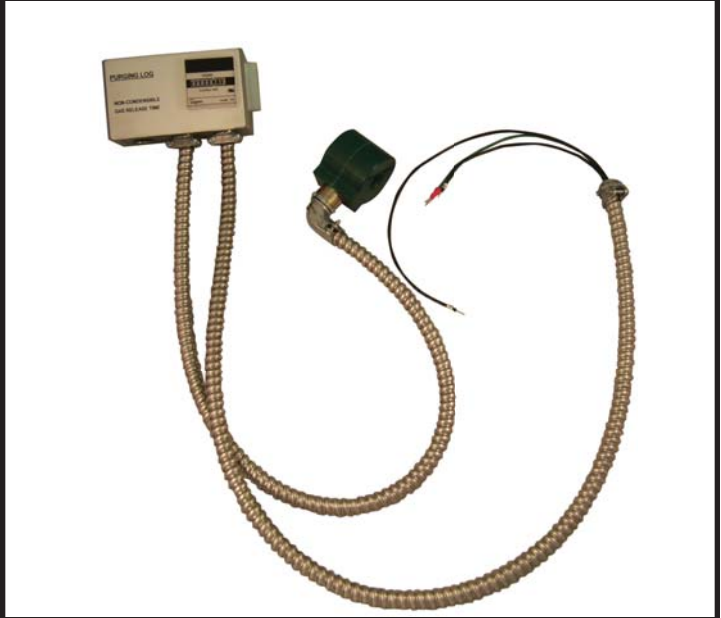
The kit includes the Purging Log Meter mounted in a NEMA 1 enclosure, flexible conduit with fittings, 115V solenoid coil and a Beacon pilot light (amber). The conduit length is adequate for the enclosure to be mounted on the purger frame using existing bolt holes or elsewhere on the purger. The kit can be field-installed or factory fitted.

OPERATION

When enough non-condensable gas (air) has collected in the purger, the float ball switch will change the SPDT switch position. This energizes the purge gas and water solenoid valves. Because the Purge Log Meter is wired in parallel with the purge gas solenoid valve, the meter will record the length of time for all non-condensable gas (air) purge cycles. The time is accumulated for all purge cycles in 1/100th hour increments. The amber pilot light will be lit when the purge cycle is active and the purge gas solenoid is energized.

ORDERING INFORMATION

Catalog Number	Description
APLK	Purging Log Kit, 115 VAC



PURGING LOG KIT

FEATURES

- Records length of time air is removed
- Readout visible on outside of purger control cabinet
- Non-resetting readout displays total accumulated release time for purger
- Beacon Pilot Light and Molded Solenoid Coil included
- Pre-wired assembly requires only three wires to field connect
- Factory certified and tested.

INSTALLATION

Safely disconnect all power from purger. Remove old Purge Gas Solenoid Valve coil and associated wiring. Mount Purging Log Meter enclosure on purger frame using the existing bolt holes. Place new coil and pilot light with knob on Purge Gas Solenoid Valve. On purgers built prior to June 2004, punch a 1/2" conduit fitting hole on side of Control Cabinet enclosure. Connect ground wire to grounding terminal block or panel mounting screw. Connect two wire leads to appropriate marked terminals.

For more information, visit:

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