



Guide Specification MINIPURGE

Low & High Pressure Portable Commercial Purge Unit

Model Number: MPS115, MPS240

6/16/05 Doc # MPS-115/240-A-0900

www.reftec.com 800-214-4883 Bradenton, FL

Part 1: General

1.01 SYSTEM DESCRIPTION

- A. MiniPurge portable purge unit temporarily connects to a chiller or storage tank and rapidly remove noncondensable gases from high or low-pressure refrigerants.
- B. Discharge efficiency is 0.2 lb-refg/lb-noncondensibles on high pressure gases and 0.08 on low-pressure gases.

1.02 QUALITY ASSURANCE

ETL, CE, and CSA, shall certify the equipment for safety and construction as well as EPA compliant and UL 1963 listed.

1.03 DELIVERY, STORAGE, AND HANDLING

The unit shall be shipped, stored, handled, installed, operated, and maintained in accordance with the manufacturer's instructions.

Part 2: Products

2.01. EQUIPMENT

- A. General:
 - a. MiniPurge unit consists of a 0.5Hp oil-less compressor and microprocessor controls.
 - b. Power requirements MPS-115 110/115V 50/60Hz 1Ph 0.5HP 15Amp, MPS-240 220/230V 50/60Hz 1Ph .05Hp 15Amp.
- B. Installation:
 - a. Installation of the MiniPurge shall be in accordance with all state and local, mechanical and electrical codes. The MiniPurge system shall be connecting to condenser via 3/8-inch hoses with flare connections. Two hoses shall be required to make complete connections from, condenser and evaporator.
- C. Dimension and Weight:
 - a. Unit dimension shall be approximately 18" high x 10" wide x 16" deep
 - b. Unit weight shall be 65-lbs
 - c. Frame consists of aluminum.
- D. Piping and Valving:
 - a. 3/8" inch Hose connections, Shut off valves, shall be used on the MiniPurge system.
- E. Control System and Safeties:
 - a. Microprocessor controls shall operate and provide safeties for safe operation.
 - b. The compressor has an internal thermal overload.
 - c. 300-Psi relief valve on high pressures gases.
 - d. 100-Psi pressure cut off switch on low-pressure gases.
- F. Options:
 - a. 3/8-inch hoses
 - b. 30-lb & 50-lb tanks