

Guide Specification

MiniPurge Low & High Pressure Portable Commercial Oil-Less Purge Unit

Model Number: MPS-115, MPS-240

Doc # MPS-115/240-A-0900

Part 1: General

1.01 SYSTEM DESCRIPTION

- A. MiniPurge portable purge unit consists of a 0.5Hp oil less compressor temporarily connects to a chiller or storage tank can rapidly remove non-condensables gases from high and low pressure refrigerants. Discharge efficiency as high as 0.2 lbs-refg/lbs-non-condensables.

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 19-1/2" x 10-1/2" x 19-1/2"
 - b. Unit weight shall be 54-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
 - c. 50-ft power cord