

## **ABSTRACT.**

### **CYLINDER HEAD-SUCTION MUFFLER ASSEMBLY FOR HERMETIC COMPRESSOR**

An improved cylinder head-suction muffler assembly includes a suction muffler, a cylinder head, a capillary tube and a self-latching clip. The suction muffler has a suction tube with a mounting block and a capillary tube holder, and the cylinder head has a suction plenum and an extended portion with a pair of channels. A self-latching clip is mounted on the mounting block and in the channels to secure the suction muffler assembly to the cylinder head. The self-latching clip has a narrow portion, a wide portion, and a pair of bent ends. To couple the suction muffler to the cylinder head, the suction tube is inserted into the suction plenum. The capillary tube is positioned in the capillary tube holder, and the narrow portion of the self-latching clip is mounted on the mounting block and over the capillary tube, and a wide portion is placed in the channels. The clip is pushed in until the bent ends are outside of the channels, and the clip is securely in place.

FIG. 1A