

Brazing on Suction Connectors (SCE Compressors with Direct Suction Intake)

The new range of Secop SCE compressors features a telescope inside the compressor on the suction tube to optimize energy consumption. This telescope is made of rubber and is sensitive to high heat exposure (see figure 2).

The telescope makes it no longer possible to select the process connector as the suction connector. You must choose the correct connector for the suction line (see figure 1). Please refer to the corresponding data sheet.



Fig.1 Suction connector (copper) on a SCE compressor

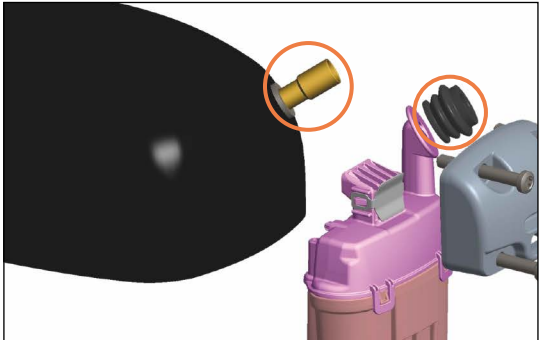
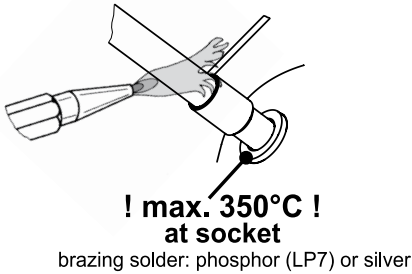


Fig.2 Suction connector and internal telescope pipe

Make sure when brazing a tube into the suction connector that the area with the telescope never exceeds 350 °C.



Use a fork burner (see figure 4) and/or a damp cloth, if necessary. A protective plate can also serve to protect the telescope from direct heat from a flame. Do not braze longer than 30 seconds.

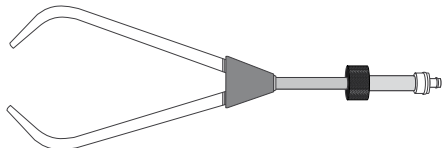


Fig.4 Fork burner

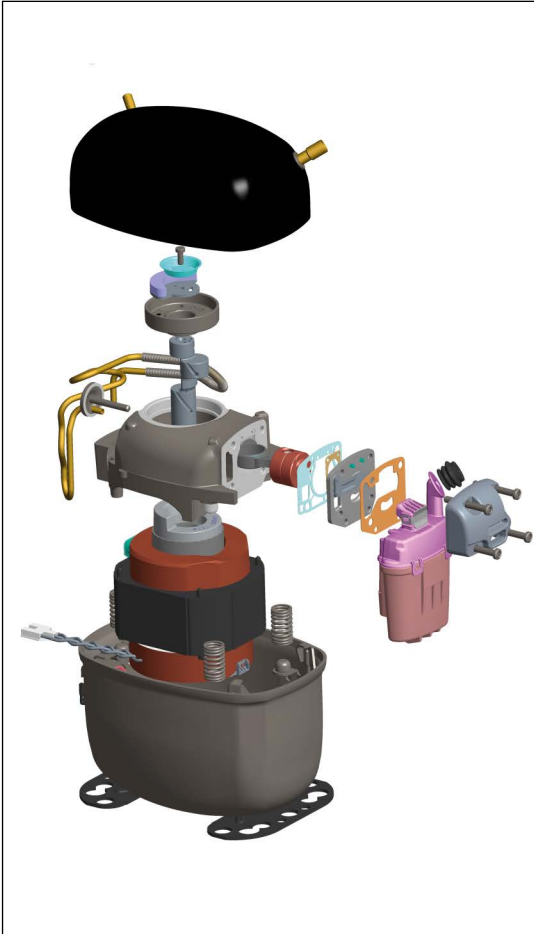


Fig.3 SCE compressor with direct suction intake