

As one of the final stages in the process of manufacturing EMBRACO compressors, we have the vacuum, which is performed in 100% of the compressors, in order to remove the humidity from its inside, avoiding oxidations and contaminations due to humidity, in the compressor's internal components. Next, an oil load (duly dehumidified) is injected through the process strainer. Shortly after that, the compressor's strainers are sealed with rubber plugs, and a load of nitrogen is injected in the compressors using R 134a and R 12 as coolers, so that these can have a positive load inside, thus disallowing humidity from penetrating, as it is very critical for such coolers.

During the installation process of the compressor in the refrigeration system, we recommend that the rubber plugs be removed in the following order: first, the plug from the discharge strainer (D), next, the plug from the suction strainer (S); and, last, the plug from the process strainer (P). By following this sequence, we will prevent the compressor's oil from sticking to the inside walls of the strainers, due to depressurizing during the rubber plugs' removal.

The absence of oil and other impurities is paramount for the good quality of the compressor strainers' brazing to the refrigeration system, preventing leakages, saving in materials and speeding up the compressor's installation process.

