

Download Mycom Single Screw Compressor Manual

Mayekawa(MYCOM) is one of the most advanced companies in manufacturing industrial refrigeration compressors. ... MAYEKAWA Screw compressors Single-stage. MAYEKAWA Screw compressors Compound two-stage. J-series. High efficiency and high functionality single-stage machines. ... Small-sized single-stage compressors for CO₂ cascade refrigeration ...Mycom V Series Compressor Basics: (From Mycom Manual)

2.5.1 Basics of the Screw Compressor

The screw compressor is a positive displacement rotary compressor. As shown in Figure 2-3 Compressor Mechanism, the refrigerant (gas) is continuously compressed by changing the volume between the casing and the male and female meshed screw rotors, which have different profiles.MYCOM is one of a few manufacturers in the world who build compound two stage screw compressors. Our compound screw compressor has two stage function and one shaft which is coupled with a single motor. That saves installation space as well as electric equipment cost. The MYCOM "C" series unit performs better under low suction temperature than ...The following instructions have been prepared to assist in installation, operation and removal of Vilter Single Screw Compressors. Following these instructions will result in a long life of the compressor with satisfactory operation. The entire manual should be reviewed before attempting to install, operate, service or repair the compressor.