



VIBRATION ABSORBERS SERIES 7690



INSTALLATION

A vibration absorbers can be installed both on suction and discharge lines of a refrigerating system, as close as possible to the compressor. The vibration absorbers are not designed to compensate possible piping misalignment.

Vibration absorbers should be installed perpendicularly to the direction of vibrations. When vibrations exist on two planes, two vibrations absorbers should be used, as shown on fig 2 and 3. For the maximum absorption of vibrations, the refrigerant line should be anchored at the end of the vibration absorber, as shown on fig 2 and 3.

Castel vibration absorbers can be installed vertically too, because they are designed to avoid the retention of condensing water

in the wavy zone near to the connections. So there are no problems to install them with temperatures lower than 0°C. Vibration absorbers are not designed to absorb axial or torsion stress. Care should be taken to allow sufficient space for the vibration to avoid static compression or tension, after brazing on place.

High speed of the refrigerant fluid can produce vibration and noise phenomena. In this case it's advisable to install a larger size of Vibration Absorber.

The connection of the vibration absorbers to the piping is normally performed by a brazing process. The specific design and construction of vibration absorbers allows welding without particular protections to prevent overheating.

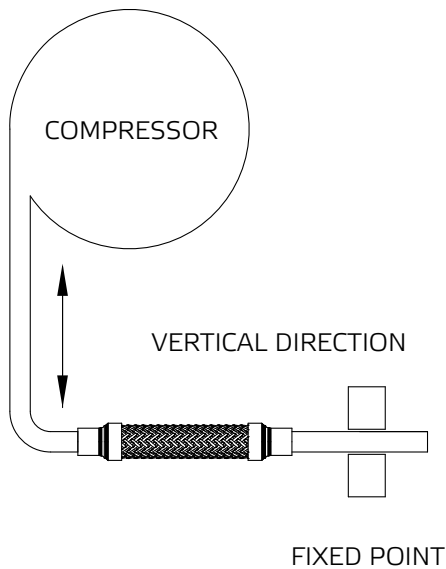


Figure 2

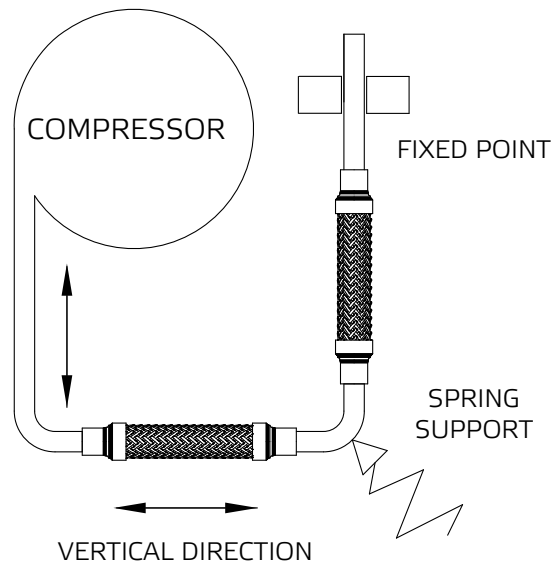


Figure 3

