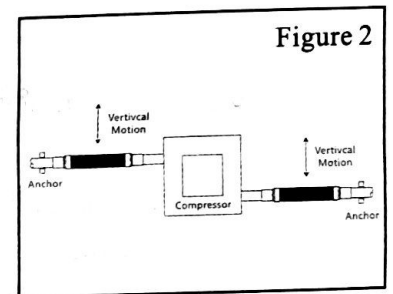
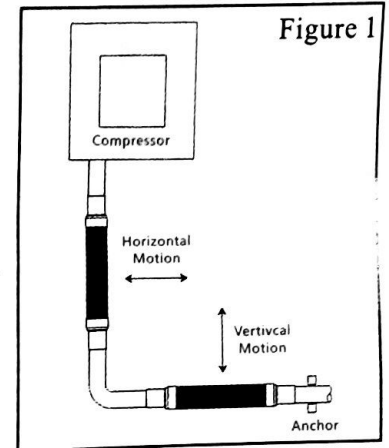


Installation

Install the unit as close to the compressor as possible in a straight line. The vibration absorbers are not designed to compensate for pipe-work misalignment.

Model	Actual OD of Copper tubing	Max. Working Pressure (psig)	Burst Pressure (psig)
VAS-014	1/4"	650 (44.8 bar)	3250 (224.0 bar)
VAS-038	3/8"		
VAS-012	1/2"		
VAS-058	5/8"		
VAS-034	3/4"		
VAS-078	7/8"		
VAS-118	1-1/8"	600 (41.3 bar)	3000 (206.8 bar)
VAS-138	1-3/8"	550 (37.9 bar)	2750 (189.6 bar)
VAS-158	1-5/8"	510 (35.1 bar)	2550 (175.8 bar)
VAS-218	2-1/8"	400 (27.5 bar)	2000 (137.8 bar)
VAS-258	2-5/8"	350 (24.1 bar)	1750 (120.6 bar)
VAS-318	3-1/8"	320 (22.0 bar)	1600 (110.3 bar)
VAS-358	3-5/8"	190 (13.1 bar)	570 (39.3 bar)
VAS-418	4-1/8"		



Need enough space not to cause any other expansion or contraction after brazing. The unit is not designed to absorb axial or torsional stress. The unit should be installed perpendicular to the direction of vibration. If vibration exists in two planes and it causes severe vibration, two units should be used as Figure 1 and 2. For optimum absorption of vibration, the refrigerant line should be installed in any area where the vibration does not occur, if possible.

Take special care to install the unit horizontally when used in suction lines or where operating temperatures are below freezing point. Condensation may form on the outside of the unit and if installed vertically this may accumulate in the lower braid collar. In subsequent freezing this may deform and destroy unit. If vertical installation is the only option, or indeed if condensation is possible with horizontal mounting, the entire flexible section, ferrules and braided hose, must be covered with a water tight synthetic material e.g. a heat shrinkable PVC sleeve.

N.B.

1. All excess flux must be removed immediately after installation to prevent corrosion and premature failure.

3. Direct the torch away from the ferrule and braided section.



2. Wrap the ferrule and start of braid with a wet cloth to prevent overheating and subsequent damage during brazing soldering.

4. If condensation will collect and freeze, the entire flexible section, ferrules and braided hose, must be covered with water tight material.

