Are you looking for a way to quiet down that noisy, vibrating refrigeration or air conditioning system?

**Discharge Line Mufflers**
Occasionally, a large refrigeration or air conditioning system will operate noisily, due to vibration and pulsation of gas through the discharge line. A discharge line muffler can be used to smooth out pulsations and reduce both vibration and noise. Refrigeration Research offers an array of mufflers (both standard and adjustable) that will normally smooth out pulsations and reduce noise in most systems. The exact performance on a given system can only be determined by actual tests under normal operating conditions. Refer to Table 1 of the attached AE Bulletin (AE4-1181) for more information.

**Discharge Muffler Plates**
A discharge muffler plate is also called a harmonic, baffle, or restrictor plate. Emerson offers muffler plates that are used on the discharge connection of a Copelametic compressor to dampen excessive pulsation and, therefore, reduce vibration. The muffler plate fits between the discharge valve and the compressor body and has a number of muffling holes to provide the proper characteristics for the particular compressor displacement. The muffling holes break up the pattern of gas flow and create sufficient restriction to minimize gas pulsation. Refer to Table 2 of the attached AE Bulletin (AE4-1181) for more information.

Click [here](http://www.emersonclimate.com/Documents/Resources/Refrigeration_Contractor_Weekly) to see the Refrigeration Contractor Weekly Archive.