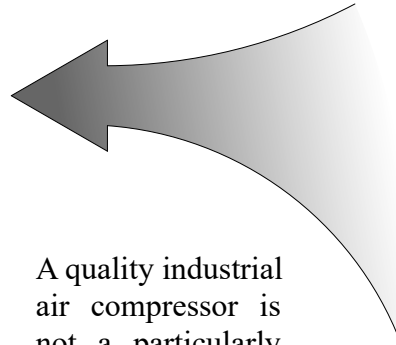
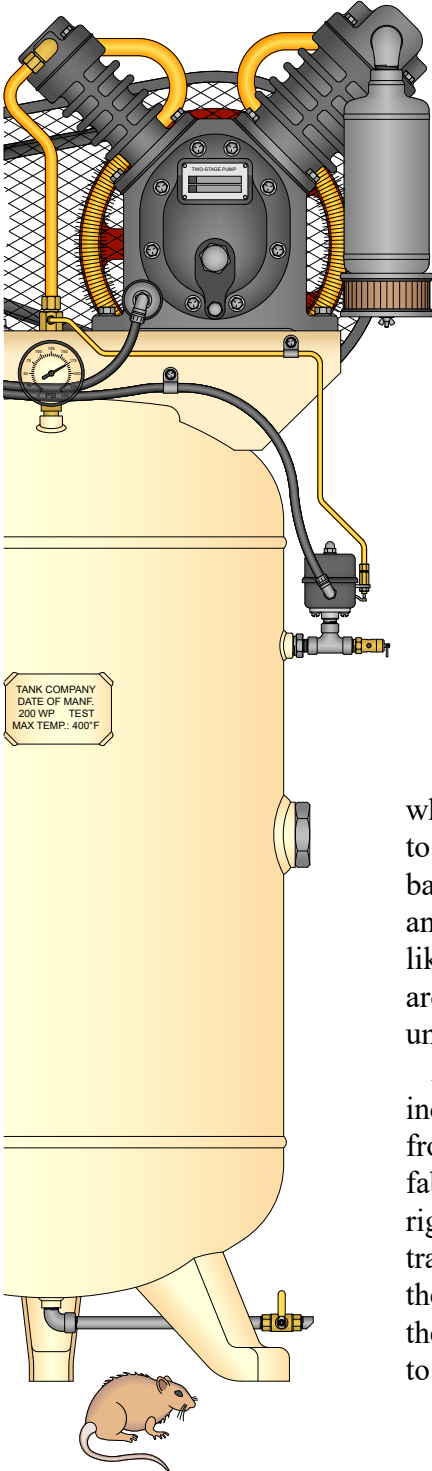


Technical Bulletin 72

Copyright 2023 by Air Options, Inc.

Input Muffler

by Brian S. Elliott

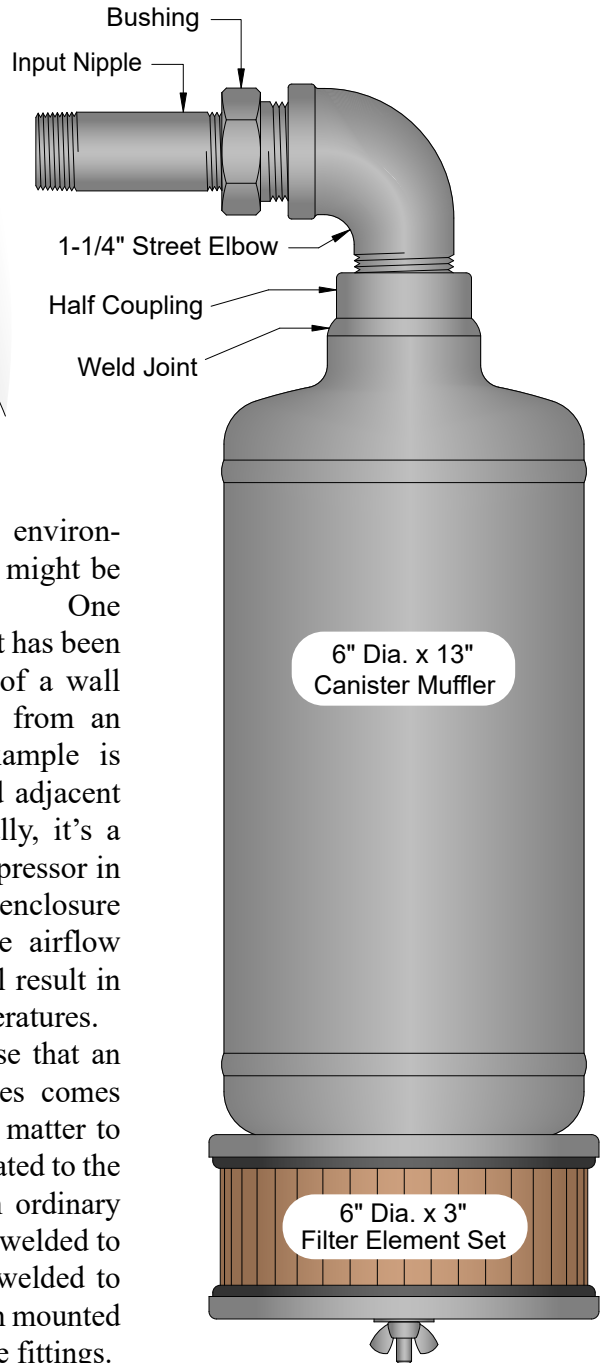


A quality industrial air compressor is not a particularly noisy machine, at least by industry standards.

That being said, in some environments, the noise they make might be considered unacceptable. One example is a compressor that has been installed on the other side of a wall that divides the shop area from an office space. Another example is

when a commercial site is located adjacent to residential properties. Generally, it's a bad idea to enclose the entire compressor in an insulated shack or closet. An enclosure like this will dramatically reduce airflow around the compressor, which will result in unacceptably high operating temperatures.

As it turns out, most of the noise that an industrial piston compressor makes comes from its intake port. It's a simple matter to fabricate an input muffler, as illustrated to the right. The body is made from an ordinary tractor muffler with an air filter set welded to the bottom and an NPT coupling welded to the top. The finished muffler is then mounted to the input port using ordinary pipe fittings.



Air Options, Inc.
P.O. Box 35984
Houston, Texas 77235-5984
Ph.: 713-721-9619
E-Mail: Info@Air-Options.com



A complete bound copy of Air Options Technical Bulletins can be purchased on our web site at: JTDryers.com/jt-order-now

JTDryers.com
AIR-OPTIONS, INC.

Advanced Technologies for Compressed Air