

Technical Bulletin

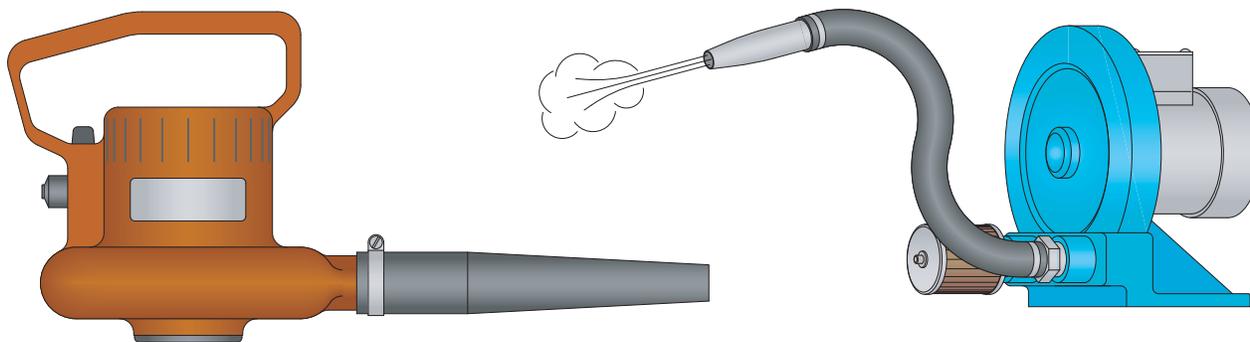
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Blowing Chips, Air Brooms, Dust-Off and Cooling with Compressed Air

There is seemingly no limit to the various ideas that personnel come up with to misuse compressed air. The inappropriate use of compressed air can be an extremely expensive habit. In most cases, this added expense comes in the form of increased utility and maintenance costs. Generally speaking, a good rule of thumb is “If your compressed air isn’t generating some mechanical action, then it’s probably being misused”.

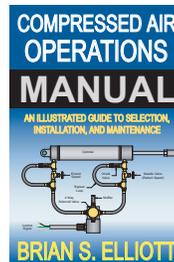
Some of the more common misuses of compressed air are air brooms, blowing chips during dry machining operations, large dust-off jobs and cooling, including parts, equipment and personnel. Cleaning the shop floor and large dust-off operations are far better served with an ordinary electric leaf blower, which can be purchased for 30 to 50 dollars. Using a regenerative blower to cool parts and blow chips during dry machining operations is much less expensive and these units actually provide better performance. Cooling personnel, well that’s a no-brainer, buy your employees a few quality electric fans, they move more air and provide a better comfort level. In any case, just taking a minute to consider the way your using you’re compressed air and correcting the misuses will most likely save you thousands of dollars a year.

Regenerative Blowers are an ideal choice for dry machining and cooling both parts and equipment.



The ordinary leaf-blower, an inexpensive and effective tool for cleaning the shop floor and large scale dust-off operations.

Comprehensive information on compressed air systems is provided in the book “**Compressed Air Operations Manual**” by Brian S. Elliott, ISBN: 0-07-147526-5 Published by the McGraw-Hill Book Co.



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