

Quick Tip

Air Compressor Efficiency

Depending on the size of your operation and the design and usage of your air compressor, there are many things that could increase its efficiency, thus saving you energy and money.

The first issue to look at is your storage tank and if it fits the needs of your facility. If it's running all the time, you may need a bigger tank to prevent the system pressure from dropping below your needs during peak demand. Pressure drop will cause tools at the end of the air line to function improperly.

The second issue is the design of your air system. Narrow lines and sharp bends in the line will cause pressure drops in the system. Try to straighten out the design as much as possible. If you have a lot of bends and a large facility, you might consider placing an air compressor on each end of your air line to keep the pressure stabilized.

The third issue is to find the coolest place to put your air compressor. The energy required to compress cool air is much less than for warmer air. This should lower energy consumption.

Lastly, fix any small leaks in your lines and replace or repair any leaky tools. Even small leaks can add up, taking away precious efficiency from your air compressor.



Dale Zeimen
Production Manager
Artist's Frame Service

PRODUCTION WORLD

UPCOMING EVENTS

April 25-30

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Furnishings Center
Highpoint, NC
800-874-6492
www.highpointmarket.org

May 7-9

NAMTA—International Art
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Kentucky International
Convention Center
Louisville, KY
704-892-6244
www.namta.org

May 17-19

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Jacob K. Javits Center
New York City, NY
800-272-SHOW
www.surtex.com

June 15-17

NeoCon
The Merchandise Mart
Chicago, IL
800-677-6278
www.neocon.com

June 26-28

The Framing Show 2009
Sponsored by Profile Magazine &
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Convention & Exhibition Center
Darling Harbour
Sydney, Australia
+61-011-35-975-3677
www.theframingshow.com.au

July 7-15

Atlanta International Gift &
Home Furnishings Mart
AmericasMart
Atlanta, GA
800-285-6278
www.americasmart.com

July 28-30

Craft & Hobby Association
Summer Convention & Trade Show
Orange County Convention Center
Orlando, FL
201-835-1227
www.chashow.org
www.highpointmarket.org

September 6-9

Autumn Fair International
NEC
Birmingham, UK
+44-011-20-7728-5547
www.autumnfair.com

October 17-22

High Point Market
International Home
Furnishings Center
Highpoint, NC
800-874-6492
www.highpointmarket.org

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The Art Miami Pavilion
The Miami Midtown Arts
District
Miami, FL
888-772-8926
www.art-miami.com

2010

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