

Did you know?

Department of Energy states the following:

- “Customers are largely in the dark about the nature of compressed air system efficiency measures and maintenance practices”
- “Case studies have shown 30% - 60% of operating costs can be saved”

IntelliSurvey will deliver the following:

STATISTICAL ANALYSIS OF YOUR COMPRESSED AIR SYSTEM

Providing maximum, minimum, and average amps with standard deviation.

FLOW ANALYSIS OF YOUR COMPRESSED AIR SYSTEM

Providing maximum, minimum, and average flows with standard deviation (includes 5-year savings summary).

SYSTEM PRESSURE CONTROL SAVINGS

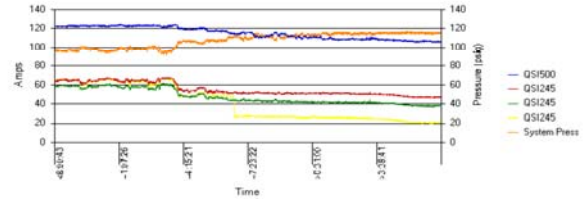
Save \$\$\$\$ annually by reducing leaks and artificial demand, increase RELIABILITY and maintain system air pressure within 1 PSI of desired pressure. ELIMINATE compressed air INTERRUPTIONS & PLANT DOWN TIME due to air compressor failure or compressed air events.

SYSTEM CONTROLLER SAVINGS

Save \$\$\$\$ annually by reducing compressor control band cascade, operate only the precise number of air compressors, and monitor system dewpoint for quality and RELIABLE compressed air.

DATA PROFILE

Statistical Analysis



| Amps | QS1500 | QS1245 | QS1245 | QS1245 | System Pressure |
|----------|--------|--------|--------|--------|-----------------|
| Minimum | 103.51 | 45.38 | 36.24 | 17.64 | 91.39 |
| Maximum | 124.63 | 67.83 | 61.77 | 67.26 | 116.66 |
| Average | 114.82 | 54.81 | 47.11 | 39.92 | 107.72 |
| Std. Dev | 6.42 | 6.71 | 7.76 | 17.78 | 7.6 |

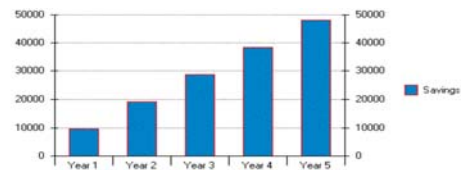


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SAVINGS PROFILE

System Pressure Control



Installing an IR IntelliFlow system pressure controller will:

- Save approximately \$9,607 annually by reducing leaks and artificial demand
- Increase your facility's reliability and productivity by maintaining system air pressure to +/- .75 PSI.
- Eliminate compressed air interruptions by allowing compressors sufficient time to react to events (given adequate storage).



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VARIABLE FREQUENCY DRIVE RECOMMENDATION
Savings analysis of compressed air energy costs and reduced demand charges. Increases RELIABILITY by eliminating excessive cycling that is characteristic of fixed speed air compressors. Retrofits available for most air compressors.

TOTAL AIR SYSTEM MANAGEMENT
Potential total system management savings, with additional demand side audits to increase PRODUCTIVITY, AIR QUALITY and reduce OPERATING COSTS.

SYSTEM INTEGRITY
Provides an analysis of storage and effects of recommending properly sized receiver. Improves compressed air system integrity and RELIABILITY, eliminates rapid cycling of air compressors.

Ingersoll-Rand's INTELLISURVEY will provide all of the above benefits and more!

Let us install the  **IntelliSurvey** for **ONE WEEK** at the introductory offer of **ONLY \$800.00!**

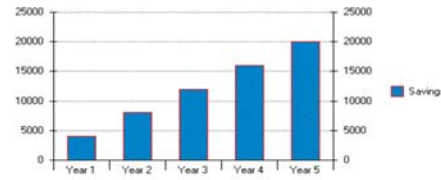
Contact Process and Power Inc.

- Toll-Free (800) 264-8939
- Memphis (901) 362-5500
- Facsimile (901) 365-3566


Process and Power Inc.
 3869 New Getwell Rd.
 Memphis, TN. 38118
www.processnpower.com

SAVINGS PROFILE

System Controller



| Year | Savings |
|--------|---------|
| Year 1 | 4,000 |
| Year 2 | 8,000 |
| Year 3 | 12,000 |
| Year 4 | 16,000 |
| Year 5 | 20,000 |



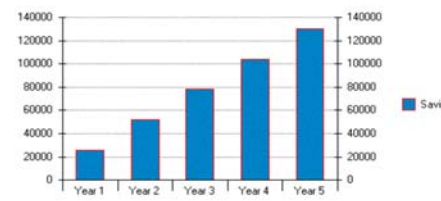
An IR IntelliSys Energy Optimizer will:

- Save approximately \$4,011 annually by reducing your compressor control band cascade (given adequate storage).
- Determine the precise number of compressors required to operate, eliminating wasted horsepower. Additionally, the IEO can be configured to optimize Nirvana savings.
- Increase your facility's reliability by automating the control of your compressed air system. From the optional dew point monitor to the Intelliflow, the IEO will optimize your system performance.


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SAVINGS PROFILE

VFD Recommendation




| Year | Savings |
|--------|---------|
| Year 1 | 25,000 |
| Year 2 | 50,000 |
| Year 3 | 75,000 |
| Year 4 | 100,000 |
| Year 5 | 130,000 |



An IR VFD or Nirvana will:

- Save approximately \$26,007 in energy costs as compared to a comparably sized fixed speed compressor.
- Increase system reliability by eliminating excessive cycling that is characteristic of fixed speed units operating at part load.
- Reduce demand charges associated with inrush current. Additionally, a VFD compressor will improve your facility's power factor.

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