

EControl 6



CENTRAL CONTROLLER SYSTEM



**Worthington
Creyssensac**

Worthington Creyssensac

Driven by technology. Designed by experience.

Worthington Creyssensac has over 145 years of industrial experience. It is our ambition to offer compressed air solutions that ensure we are first in choice for our customers. To reach this goal we need continuous investment in our product development to make sure that we are always able to offer:

- High performance and excellent quality
- Integrated engineered solutions
- Full energy efficiency
- Total cost of ownership
- Environmental care

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The power of EControl

The EControl central controller system allows to efficiently control and monitor up to six different compressors. EControl will not only increase the performance of your compressed air network, it also centers around three main benefits:

Cost savings

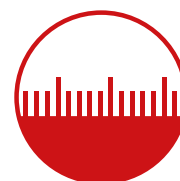
- Optimized energy use by matching air supply to your needs
- Energy savings through:
 - Intelligent unload cycles
 - Pressure measurement in airnet, no cascading
 - Pressure band can be reduced to 0.1 bar
 - Lower pressure by 1 bar reduces energy by 7%
 - Lower pressure by 1 bar reduces leakages by 13%

Transparent operation

- Central communication point
- Clear and visual graphical display
- Online monitoring and controlling possible

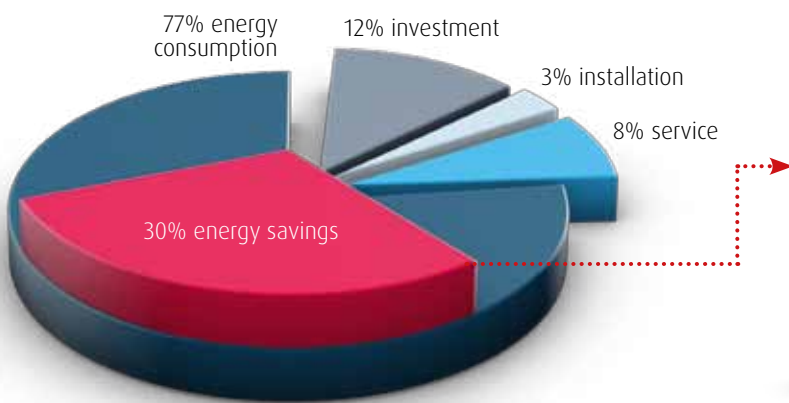
Complete control

- Visual overview of compressor room processes
- 'Best size' compressor selection
- Equalization of running hours, spread over the different compressors with the same priority
- Running hours can be added for new machine



EControl 6: optimizing your efficiency

Energy consumption can represent more than 70% of a compressor's lifecycle cost. Therefore, it is crucial to control your compressed air network in a good way. As a result, you can benefit from several advantages: energy savings, decreased downtime, reduced maintenance and an overall improvement of your product quality.



Optimized energy consumption thanks to EControl 6

Econtrol optimizes the efficiency of your compressed air network via:

- Pressure band reduction
- 2 pressure bands
- Dual sequencing
 - automatic equalization of your running hours for optimized servicing & comfort
 - manual sequencing for unbalanced installations
- Runs even with load/unload compressors from alternative brands



Monitor



Control



Optimize



Improved overall performance of your compressed air network



Transparent and streamlined process

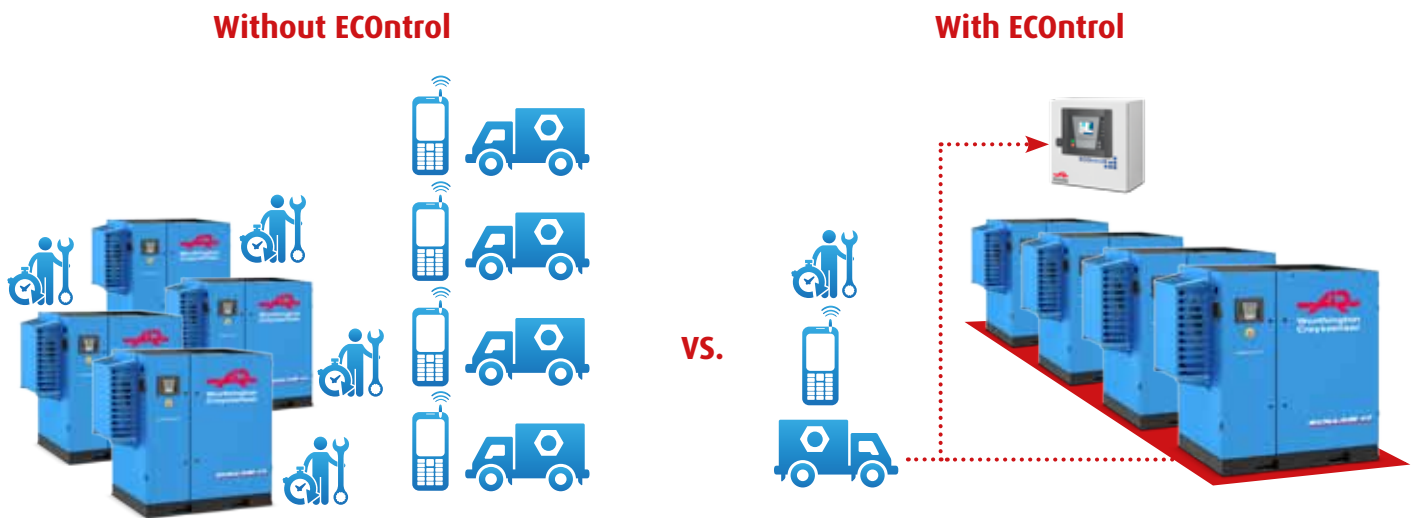


Air supply matched to your specific needs saving you money

EControl offers dual sequencing selection

1. Equalization of your running hours for limited service costs & maximized user comfort

EControl limits your service costs and optimizes your servicing comfort by equalizing your compressors running hours. It allows the installed machines to work in groups through a comprehensive and flexible sequence control. Consequently, running hours are equalized, while the EControl 6 ensures that system running hours are equal across all machines in the same group. As a result, service costs are drastically reduced because all machines can be serviced in one time.



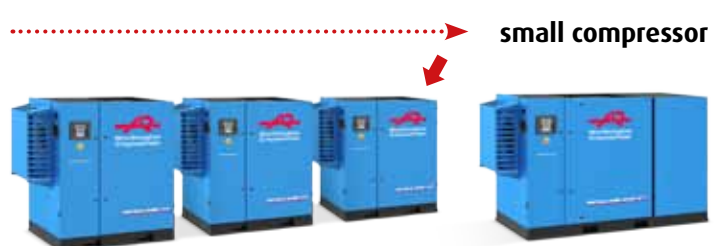
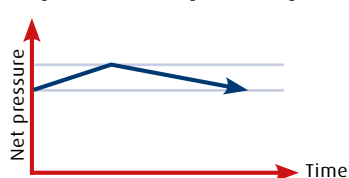
2. Manual sequencing for unbalanced, outdated installations

If you have an older installation included in your compressor network, the EControl system allows manual sequencing. By doing so, you can manually select your compressor order and even bypass some equipment according to your preference.

If net pressure drops fast

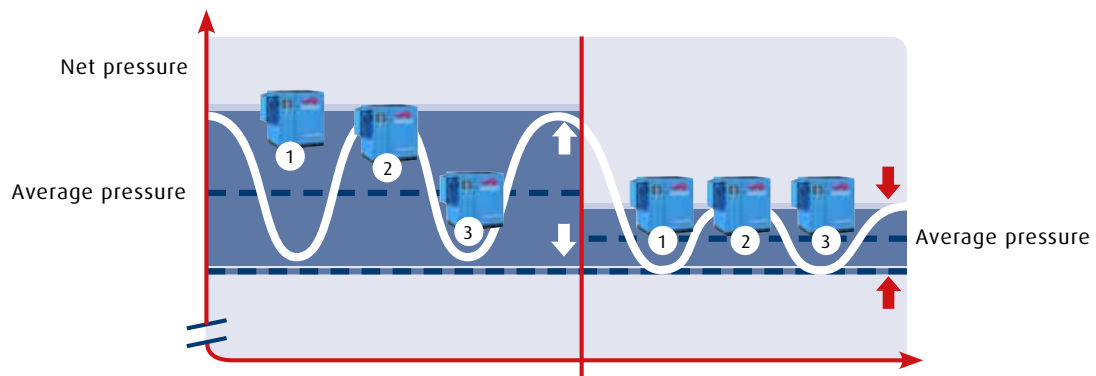


If net pressure drops slowly



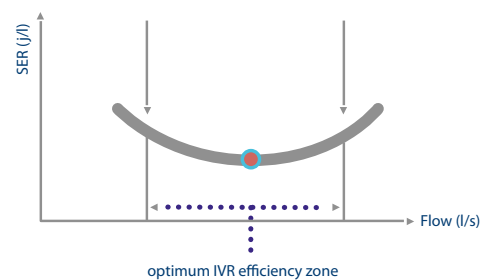
EControl saves energy

The EControl enables you to save according to your specific energy consumption, working with 2 different pressure bands. Taking into account that for every 1 bar pressure reduction in a 7-8 bar(e) system, you reduce your energy consumption by 7%, it is clear that the EControl considerably cuts your energy bill.



Optimum zone control for inverter driven compressors

EControl can control up to six inverter driven compressors. These are kept in the optimum zone close to the optimum point. EControl 6 actively controls the speed of the master compressor every half second, ensuring the rest runs at an optimum speed as well.



Remote monitoring for EControl

The EControl 6 allows to control and monitor your complete compressed air network online. The features include warning indications, compressor shutdown warning and maintenance scheduling and issue logs.





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DRIVEN BY TECHNOLOGY DESIGNED BY EXPERIENCE



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