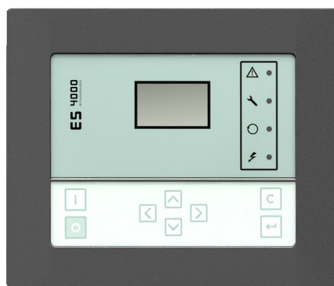


### 1. Introduction

CP offers a comprehensive range of control and monitoring systems for its compressed air products. These can be set-up according to the needs of the customer; they can be used either for an individual compressor or an entire compressor installation. Moreover, they allow the customer to optimize their operation and save costs.

### 2. ES4000 Standard & ES4000 Advanced



**ES4000 Standard**



**ES4000 Advanced**

The ES controllers (Standard & Advanced) operate with all compressor types: load/unload and variable speed. These new controllers ensure permanent pressure follow-up and have standard running parameters which can manually be modified and protected with a password. Other features include intelligent unload cycles and automatic restart after power failure. The advanced model also offers a wider range of timers and an integrated central controller.

The ES controllers calculate the running time percentages at different load levels. This information can be used to assist the customer in optimizing compressor usage.

### 3. EControl 6

EControl 6 defines your compressed air needs and matches those with a specific air supply. This optimized energy consumption allows you to save a significant amount of money. Being able to perfectly manage your compressor or compressed air network will get you many positive results. With our EControl 6 central control system, you can efficiently monitor and control one or more compressors, improving the overall performance. Guaranteeing a transparent and streamlined compressed air process, EControl 6 offers great value to your compressed air network.



### Main Benefits of EControl 6

#### 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 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