

NEW PRODUCTS

Compressor controls

Atlas Copco has introduced the next generation in compressor controls to increase efficiency across its oil-injected screw compressors range 11-90 kW GA/GA+/GA VSD. The fifth generation of the Elektronikon Graphic controller (standard installed on the GA+/GA VSD) has been launched and the Energy Saving (ES) System ES6i has been expanded to control up to six



variable speed drive or fixed speed compressors simultaneously. In addition, an online visualisation enables remote monitoring, allowing for anticipation of operating and maintenance needs.

The Elektronikon Graphic measures several compressor and dryer parameters while several built-in algorithms allow saver cycles for both fan and dryer. Additional features such as dual pressure band and timer-based controls enable Atlas Copco to maximise energy savings by matching the operating pressure to the user's air demand.

An optionally integrated Energy Saving Control System ES6i is capable of regulating and sequencing up to six variable or fixed speed compressors, while optimising the user's installation by reducing the overall working pressure band of each compressor to meet the varying air demand. The possibility to manage up to six variable speed compressors with one integrated controller reduces installation costs while minimising energy and maintenance costs through reduced pressure band. The ES can communicate with the previous Elektronikon generation.

The built-in web-server technology is a standard feature with no additional cost, providing through ethernet communication an instant online compressor status visualisation. The graphic visualisation provides service intervals in real time and displays a graphical service plan assisting in preventive maintenance. Users can select one of 32 languages while all registered data is stored for later use.

The optional AIRConnect allows for remote or local monitoring (through the phone or (wireless) internet connection) for additional on- or offline readings.

Atlas Copco Compressors Australia

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