

BAUER SECURUS - MOISTURE MONITOR



The SECURUS is a factory-installed system that monitors the saturation levels of the compressed air and warns the operator of upcoming cartridge expiration. This removes the guesswork and ensures that you are getting optimal cartridge life between changes while providing the highest degree of safety by ensuring consistent air quality.

The Advantage

A standard filter system requires filter cartridges to be changed at least every **6 months**, regardless of operating hours logged between changes. With the SECURUS cartridge & monitor that interval can be extended to up to **12 months** if the operating hour limit* is not reached before then.

If the operator is not expecting to reach their operating hour limit within 6 months, then the Securus has the potential to cut service costs in half by effectively doubling the length of service intervals.

**The operating hour limit will be listed in the technical overview for new systems, and on the test report for existing systems.
The cartridge must always be changed if the operating hour limit is reached before the 6- or 12-month service interval.*

Example:

A compressor with a 6.7 CFM output and standard JBP41 filter system will require filter changes every 6 months, or 118 operating hours. The same compressor with the JBP61-S SECURUS system only requires filter changes every 12 months, or 213 operating hours.

How it Works

The SECURUS system consists of a special filter tower and unique Securus cartridge connected via cable to the monitor control and display. The monitor continually measures the residual humidity of the compressed air passing through the molecular sieve of the cartridge and provides visual indication to the operator and signals to the compressor PLC as needed.

The **Green light** verifies the correct cartridge is installed and the CSA air standard is being met

The **Yellow light** advises the cartridge is due for change**

The **Red light** confirms the cartridge is depleted and will shut down the compressor automatically



***Depending on the size of the compressor, the advance warning signal will trigger between 1 and 7 hours before cartridge saturation*