

Knowledge Article

Title

rotary screw, industrial air compressor, low pressure fix

Article ID

AQ-KA-399120

Product Family

rotary screw air compressor

Applies To

wide range of machines

Audience

Field technician

Last Updated

February, 2026

Issue

System pressure does not reach set points.

Symptoms

One or more of the following may be observed:

- System pressure does not reach set points.
- Compressor runs continuously without shutting off.

Safety Information

Warning - Before Performing Troubleshooting

- Shut down the compressor and isolate electrical power before servicing.
- Depressurize the system before disconnecting any components.
- Allow hot components to cool before inspection.

Cause

Air leaks in the distribution system, clogged or dirty air intake filter, or faulty pressure regulator.

Resolution

Restore normal air pressure by identifying leaks, correcting airflow restrictions, and repairing or replacing failed pressure control.

Troubleshooting Procedure

- Inspect for air leaks.

If the Issue Persists

- Check the intake filter.
- Verify the pressure regulator.
- Inspect the pressure sensor and gauge.
- Evaluate the internals of the compressor.