

# Knowledge Article

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## 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.