

Frequently Asked Questions

When do the refrigerant pressure switches trip?

High-Pressure Switch

The high-pressure switch installed on the unit is normally closed (N.C.) at atmospheric conditions (0 psi) and opens when the pressure meets/exceeds 610 psi \pm 25 psi.

- The high-pressure switch must be manually reset once it has tripped. To reset it, press the button located on the top of the switch.

Low-Pressure Switch

Depending on the unit's configuration, one of two low-pressure switches are used. Both options are normally open (N.O.) at atmospheric conditions (0 psi) and are auto reset. Check the label on the pressure switch to verify which option is installed or reach out to DOAS Technical Support as necessary for clarification.

1. **Option 1:** Opens when the pressure reaches/drops below 50 psi \pm 5 psi. It closes again automatically when the pressure meets/exceeds 90 psi \pm 7psi.
2. **Option 2:** Opens when the pressure reaches/drops below 25 psi \pm 5 psi. It closes again automatically when the pressure meets/exceeds 50 psi \pm 5psi.