



# How Mitigation Mode Works

WHAT HAPPENS DURING A REFRIGERANT LEAK

1

## **AIRFLOW INCREASES TO FULL SPEED**

Fans ramp to 100% speed to dilute refrigerant concentration in the airstream. Fans remain at full speed until the system exits mitigation mode.

2

## **COOLING & HEATING SHUT DOWN**

Heating and cooling shut off. Electric heat, gas, and the compressor all turn off to prevent ignition of the refrigerant.

3

## **LEAK SENSORS SEND ALARM**

The unit sends an alarm signal that can be connected to a local notification device or to the building management system to notify operators of a leak.

4

## **VENTILATION ACTIVATED (IF REQUIRED)**

Depending on the calculated refrigerant quantity in the leak, the outside air damper may open to ventilate the zone, even if outside air temperatures are unfavorable.

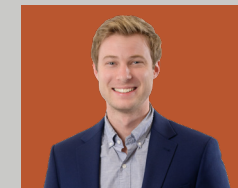
5

## **SYSTEM RETURNS TO NORMAL OPERATION**

The mode stays enabled until the leak sensor drops below the alarm threshold, plus a 5-minute delay on some equipment.

When a refrigerant leak is detected, mitigation mode automatically initiates. Here's how it works.

## **HAVE QUESTIONS?**



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