

# DUAL A2L REFRIGERANT COILS & AIR HANDLERS

FOR R32 & R454B SYSTEMS



IDEAL FOR USE WITH ALL ASPEN CASED AND UNCASD COILS, PLUS ALL AIR HANDLERS!



#### AHRI QUICK MATCH TOOL

Identify the correct AHRI-certified match for any Aspen coil, air handler, or Aspen PRO air handler. Available on the Resources page.



#### ASK YOUR LOCAL SALES REP OR SCAN TO LEARN MORE

Aspen's Dual A2L Refrigerant Technology for R32 and R454B Systems.



# DUAL A2L REFRIGERANT TECHNOLOGY

## FOR R32/R454B REFRIGERANT SYSTEM COILS & AIR HANDLERS



### ONE COIL. TWO REFRIGERANTS. ZERO HEADACHES.

Aspen's Dual A2L Refrigerant System technology delivers next-generation A2L flexibility for contractors and distributors. Engineered for seamless compatibility with both R32 and R454B A2L refrigerants, the system features adaptable coils and air handlers, flexible metering device options (factory and field-installed), and dual Refrigerant Detection Systems (RDS) that configure effortlessly between R32 and R454B at the time of installation, in virtually any A2L application.

*Dual A2L Refrigerant Technology: a **smarter, more versatile solution** that **streamlines inventory, accelerates installation,** and ensures **reliable performance** across the entire Aspen coil and air handler portfolio.*

### NEW A2L REFRIGERANT DETECTION SYSTEM KITS FOR R32 & R454B SYSTEMS



#### OPTION "S" RDS KIT

**Standard mitigation control kit (S)** – turns on indoor blower to dissipate refrigerant concentration and cuts power to outdoor unit to stop new refrigerant from entering the space. Kit includes all components needed for RDS installation.



#### OPTION "R" RDS KIT

**Mitigation + accessory control kit (R)** – includes the same functionality as standard option plus ability to energize/de-energize up to four inputs for accessories such as electric heat, gas furnace, air cleaners, and zoning systems.

| ASPEN A2L RDS KIT PART # | DESCRIPTION                          |
|--------------------------|--------------------------------------|
| A2LZS                    | A2L RDS KIT, R454B and R32, STANDARD |
| A2LZR                    | A2L RDS KIT, R454B and R32, W/ RELAY |

\*Applicable with all Aspen drain pans.

### FEATURES

- System designed to last the useful life of the evaporator coil.
- Kit includes all components needed for RDS installation.
- Sensor wire length of eight (8) feet, and mitigation board power wire length three (3) feet.
- Optional relay for controlling additional components.
- Flexible installation location, ideal for installs on existing equipment.
- Offering options of factory installed R32 and 454B pistons; and R32 and 454B TXVs with 20% bleed.

### SPECIFICATIONS

- The refrigerant detection kit has been designed and tested to meet UL60335-2-40 4<sup>th</sup> edition safety standard.
- Refrigerant detection sensors have been designed, tested, and calibrated specifically for both R454B and R32. Sensors have a 15+ year lifetime with no calibration required.
- Mitigation control boards are programmed with logic and timing to complete proper mitigation measures per the UL standard.  
*Aspen offers two mitigation options:*
  - **Standard mitigation control (S)** – turns on indoor blower to dissipate refrigerant concentration and cuts power to outdoor unit to stop new refrigerant from entering the space.
  - **Mitigation + accessory control (R)** – includes the same functionality as standard option plus ability to energize/de-energize up to four inputs for accessories such as electric heat, gas furnace, air cleaners, and zoning systems.
- The kit utilizes the thermostat 24-volt wiring of the system.
- The kit is field mounted to give installation flexibility on replacements applications.
  - All components needed for installation, including labels, wiring diagrams, cable/wire harnesses, and instructions, are included in the kit.

### WARRANTY

- **For Factory Installed RDS Sensors,** the warranty aligns with warranty of the of the coil. The kit purchased separately has a one (1) year limited warranty.

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