

Our Promise to the Multifamily Contractor:

Fewer callbacks. Faster closeout.
Cleaner inspections.

Our dampers and louvers help you install with confidence, pass inspection with less rework, and keep the building performing the way it was designed.

Why contractors choose us on multifamily

Inspection-Ready Life Safety



Less Work
Fewer Failed Inspections
Smoother Turnover

- Dampers that support rated assemblies and smoke control intent
- Clear documentation + submittals to reduce field confusion
- Built to help you avoid the big three: wrong orientation, wrong sleeve/angles, no access

Faster Installs, Fewer Surprises



Less Downtime
Fewer RFIs
Fewer Change Orders

- Practical product options for corridors, shafts, mechanical/electrical rooms, garages, amenity spaces
- Support for opening conditions, mounting type, and coordination so you don't get stuck onsite

- Louvers designed to manage rain and wind-driven water at intakes/exhaust
- Cleaner integration with typical wall conditions and flashing details

Fewer Leaks
Fewer Punch-list Items
Fewer Calls After Storms

Fewer Water and Envelope Issues



- Consistent, repeatable selections across unit stacks and floor plans
- Straightforward access and service considerations

Speed and consistency
across many
identical openings

Built for Real-world Schedules



AIR PRODUCTS

Send your wall type and thickness, opening sizes, and schedule —
We'll help you standardize selections and keep your crew moving.

C&S Products for Multifamily Applications

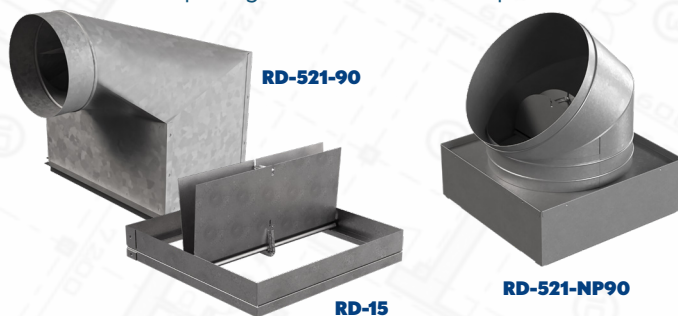
Ceiling Radiation Dampers

Typical applications

- Corridor-to-unit penetrations where a duct/opening passes through a rated corridor wall/ceiling assembly
- Unit-to-unit separations (when ductwork crosses a rated demising assembly)
- Vertical shaft interfaces (small duct penetrations at rated shaft walls, where applicable)
- Ceiling plenums in rated floor/ceiling assemblies—especially with through-penetrations above unit ceilings
- Amenity-to-residential transitions (fitness rooms, lounges, leasing areas adjacent to rated)

Why its specified

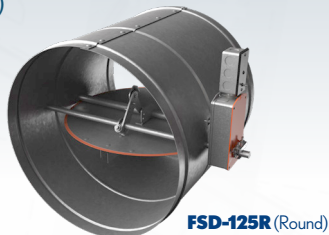
- Supports compartmentation and helps maintain the integrity of rated assemblies where a duct/opening would otherwise compromise it.



Fire/Smoke Combination Dampers (Round)

Typical applications

- Riser shafts serving multiple floors (supply/return risers feeding corridors or stacked units)
- Duct penetrations at rated shaft walls (high-frequency detail in podium + wrap, mid-rise, and high-rise multifamily)
- Mechanical room connections to vertical distribution (main trunks leaving a central mechanical space into rated shafts)



Fire/Smoke Combination Dampers

Typical applications

- Smoke partition walls (non-fire rated but smoke-resistive separations commonly found in multifamily designs)
- Corridor partitions and transitions where the goal is to limit smoke movement without a full fire-rated wall requirement
- Amenity spaces to residential areas where smoke separation is desired (e.g., trash room corridor approaches, back-of-house transitions)



Fire/Smoke Combination Dampers (Out-of-Partition/ Side Panel)

Typical applications

- Smoke partition walls (non-fire rated but smoke-resistive separations commonly found in multifamily designs)
- Corridor partitions and transitions where the goal is to limit smoke movement without a full fire-rated wall requirement
- Amenity spaces to residential areas where smoke separation is desired (e.g., trash room corridor approaches, back-of-house transitions)



FSD-122-SP (Side Panel)

3-Hour Dampers for Electrical / Mechanical Rooms

Typical applications

- Main electrical rooms / switchgear rooms (penetrations through 3-hour rated walls)
- Emergency power / generator support spaces (when housed within rated construction)
- Fire pump rooms (where 3-hour separations are common)
- Central mechanical rooms on podiums or rooftops (especially where the room is a rated enclosure)
- Life-safety support rooms (control rooms, riser control spaces, etc., when designed as a 3-hour enclosure)

FSD-381 (UL Class 2)

