



Rooftop Units for Food Service Buildings: XRT



PRECISE COMFORT FOR MODERN RESTAURANT ENVIRONMENTS AND MIXED AIR APPLICATIONS

Accurex is introducing a new player to your commercial kitchen ventilation lineup.

The Accurex XRT is a rooftop unit (RTU) specifically engineered to provide precise temperature and humidity control for both back-of-house and dining room environments. With advanced controls and modulating components, the XRT is an efficient solution that delivers comfort and dehumidification without overcooling the space. It bridges the gap between make-up air units and full DOAS systems, giving you flexible comfort control and a more consistent solution across every project.

XRT ROOFTOP UNITS KEY FEATURES AND BENEFITS

- **Most efficient at part-load.** Inverter scroll compressors are highly efficient when not at full capacity.
- **Flexible operation.** Factory-programmed controls allow for easy field adjustment.
- **Precise airflow control.** Direct drive fans offer a wide performance range and VAV system modulation.
- **Less noise and air leakage.** Injected foam insulation top-to-bottom minimizes sound and air leakage.
- **Robust construction.** The double-wall cabinet has a prepainted exterior for durability.
- **Lower carbon impact.** R-454B refrigerant meets new EPA standards.

AIRFLOW	COOLING	HEATING	EFFICIENCY	CONSTRUCTION
■ 500–13,000 cfm ■ Mixed air applications	■ 3–30 tons ■ Packaged DX or air-source heat pump	■ 50–600 MBh ■ Indirect gas, air-source heat pump, electric	■ Inverter compressors ■ EC condenser fans ■ Direct-drive fans	■ Fully insulated ■ Injected foam ■ Pre-painted exterior

THE ACCUREX ADVANTAGE

PRECISE TEMPERATURE AND HUMIDITY CONTROL

Key differentiators that set Accurex rooftop units apart:

COOLING: INVERTER COMPRESSOR

Automatically adjusts speed to match cooling demand, maximizing comfort and saving energy.

- Improved performance and less cycling during part-load conditions
- Commissioning sequence for easy start up
- Available up to 30 tons
- Reduced sound levels compared to digital scrolls or staged compressors



HEATING: HIGH TURNDOWN, INDIRECT GAS FURNACE

Industry-leading technology for tubular-style heat exchangers.

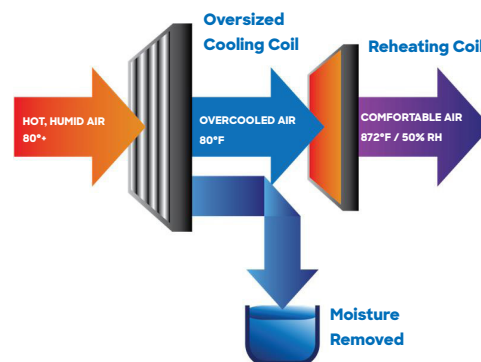
- High turndown for precise temperature control
- Less cycling during part-load conditions
- Commissioning sequence for easy start up
- Higher efficiency



DEHUMIDIFICATION: MODULATING HOT GAS REHEAT

Dehumidifies by cooling to the dew point, then reheating to the space setpoint.

- Key factor in comfort, especially over other RTUs
- Reduces equipment cycling for improved efficiency
- Improves indoor air quality
- Reduces indoor rain, mold concerns, and more



INSULATION: DOUBLE-WALL, INJECTED FOAM

Injected foam insulation on the walls, base, and roof reduces sound and energy loss.

- Complete double-wall cabinet
- 1-inch injected foam panels, 2-inch injected foam base and roof
- Injected foam delivers enhanced thermal insulation, minimizing heat loss/gain through the cabinet

