



# 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 dehumidifies without overcooling the space. It bridges the gap between make-up air units and DOAS systems, giving you flexible comfort control and a more consistent solution across every project.

## XRT ROOFTOP UNITS KEY FEATURES AND BENEFITS

- **More efficient at part-load.** Inverter scroll lead 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
<ul style="list-style-type: none"><li>■ 500–13,000 cfm</li><li>■ Mixed air applications</li></ul>	<ul style="list-style-type: none"><li>■ 3–30 tons</li><li>■ Packaged DX or air-source heat pump</li></ul>	<ul style="list-style-type: none"><li>■ 50–600 MBh</li><li>■ Indirect gas, air-source heat pump, electric</li></ul>	<ul style="list-style-type: none"><li>■ Inverter lead compressors</li><li>■ EC condenser fans</li><li>■ Direct-drive fans</li></ul>	<ul style="list-style-type: none"><li>■ Fully insulated</li><li>■ Injected foam</li><li>■ Pre-painted exterior</li></ul>

## THE ACCUREX ADVANTAGE

### PRECISE TEMPERATURE AND HUMIDITY CONTROL

Key differentiators that set Accurex rooftop units apart:

#### COOLING: INVERTER SCROLL LEAD 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, DIRECT GAS FURNACE

Industry-leading technology for tubular-style heat exchangers.

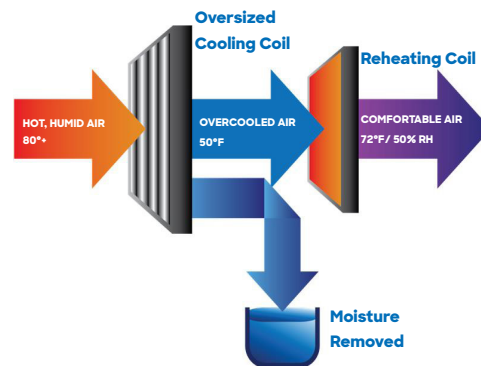
- High turndown for precise temperature control
- Less cycling during part-load conditions
- Commissioning sequence for easy start up
- Higher efficiency



#### 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
- Injected foam insulated panels including the roof and base deliver enhanced thermal insulation, minimizing heat loss/gain through the cabinet

