

# ROOFTOP UNITS

SUPERIOR COMFORT & CONTROL



## Revolutionary Rooftops

Today's buildings are more efficient, but can you say the same of your rooftop unit? **Join the rooftop revolution with Greenheck rooftop units, designed to operate efficiently while prioritizing space comfort.** Traditional packaged rooftop units have not evolved, often resulting in over-cooled or too-humid spaces. Greenheck's revolutionary approach simultaneously controls temperature and humidity to deliver optimized comfort.

With many industry-leading standard features such as modulating inverter scroll compressors and direct-drive fans, Greenheck rooftop units provide flexibility and controllability for a broad range of environmental conditions. Our rooftop units solve today's design challenges with the value you expect from Greenheck products.

AIRFLOW	COOLING	HEATING	EFFICIENCY	CONSTRUCTION
<ul style="list-style-type: none"><li>■ 500 – 13,000 cfm</li><li>■ Mixed air applications<ul style="list-style-type: none"><li>■ VAV capable</li></ul></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 compressors</li><li>■ EC condenser fans</li><li>■ Direct-drive fans</li></ul>	<ul style="list-style-type: none"><li>■ Double wall cabinet</li><li>■ Injected foam insulation</li><li>■ Pre-painted exterior</li></ul>

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GREENHECK HIGH SCHOOL



## INDUSTRY-LEADING STANDARD FEATURES

Not your average rooftop unit, Greenheck has standardized with features others only offer at a premium, or not at all. From robust construction to efficient components, **Greenheck rooftop units are designed to redefine expectations around comfort.**

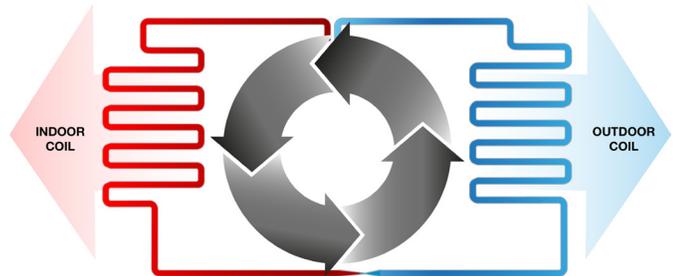
- **Inverter scroll compressors** provide the most efficient operation at part load conditions
- **Electronically commutated (EC) fan motors** modulate to control head pressure and improve efficiency
- **Factory-programmed controls** allow for easy field adjustment and flexible unit operation in a variety of applications
- **Direct-drive fans** offer a wide performance range and standard modulation capabilities for VAV systems
- **Injected foam insulation** including walls, doors, floor, and roof minimizes sound transmission and air leakage
- **Double wall cabinet** with pre-painted exterior contributes to robust unit construction
- **Environmentally-friendly R-454B refrigerant** meets new EPA standards and reduces the system's carbon impact

## ADDITIONAL OPTIONS & BENEFITS

- **Air-source heat pumps** provide industry-leading capacity at low ambient temperatures, utilizing boost speed control
- **Modulating hot gas reheat (HGRH)** optimizes comfort by enabling simultaneous cooling and dehumidifying without overcooling
- **Modulating powered exhaust** ensures that space pressure is maintained at acceptable levels for optimized performance and comfort
- **Modulating gas furnaces** offer tight temperature control while heating by minimizing temperature swings and eliminating cycling

## ACHIEVE SUSTAINABLE OPERATION WITH AIR-SOURCE HEAT PUMPS

- Available 3 – 30 tons
- Provides all-electric cooling and heating
- Supports decarbonization goals



## ROOFTOP UNITS AT A GLANCE

CABINET	AIRFLOW (cfm)	COOLING CAPACITY (tons)	HEATING CAPACITY (MBh)	ELECTRIC HEAT (460V kW)	DIMENSIONS (inches)		
					L	W	H
RT - 20*	500 - 2000	3 - 5	50 - 150	10, 25, 40	90	40	42
RT - 40*	1250 - 4000	6 - 10	75 - 250	25, 40, 60	100	55	48
RT - 70	2000 - 7900	10 - 17.5	200 - 400	30, 60, 90	100	70	71
RT - 120	3500 - 13000	17.5 - 30	250 - 600	60, 80, 140	130	84	77

\*Final performance and design parameters to be determined prior to launch in 2025.