



ACHIEVE PRECISE LOAD MATCHING WITH

CUSTOM REFRIGERATION

Building professionals know that no two buildings are alike. And that's why Innovent designs and manufactures each refrigeration section in its air handling units to meet the specific design requirements of each building.

From lower-than-typical discharge air temperatures to higher turndown or circuit redundancy, Innovent's custom capabilities provide ultimate flexibility. In addition, Innovent can help you increase efficiency with larger condenser coils, deeper evaporator coils, premium efficiency condenser fans, and the latest in modulating compressor technologies.

Everyone benefits from Innovent's refrigeration expertise. Imagine being able to specify the right-sized refrigeration for optimum energy and climate performance, the opportunity to create unique configurations where space is limited, and being able to calculate and deliver the exact required performance for your application. You can gain these advantages and more when you work with Innovent.

WHY CHOOSE INNOVENT FOR REFRIGERATION?

- **Optimize designs in limited space** with Innovent's customized configurations.
- **Increase efficiency** with flexible coil sizing, premium efficient condenser fans, and variable speed compressor technologies.
- **Achieve exactly the temperature you need** for each application with Innovent's precise load matching of each unit.



BUILT **TO ORDER.** BUILT **FOR EFFICIENCY.** BUILT **TO LAST.**



CHOOSE THE BEST REFRIGERATION SYSTEM FOR OPTIMUM BUILDING INTEGRATION

Innovent Capabilities:

TYPE	Air Cooled DX	Air Source Heat Pump	Water Source Heat Pump	Water Cooled	Evaporative Condensing
Advantages	<ul style="list-style-type: none"> Low cost Industry familiarity/simple design No water required Low maintenance 	<ul style="list-style-type: none"> Efficiency All electric heating & cooling No water required Low maintenance 	<ul style="list-style-type: none"> Efficiency Compact design Low noise One coil for heating & cooling 	<ul style="list-style-type: none"> Efficiency Smaller footprint Cleanable shell & tube condensers Low noise 	<ul style="list-style-type: none"> Efficiency Smaller footprint Large capacity
Considerations	<ul style="list-style-type: none"> Ambient noise Big footprint Lowest efficiency 	<ul style="list-style-type: none"> Temperature conditions (ambient & indoor coil entering) Secondary heat Limited capacity 	<ul style="list-style-type: none"> Limited capacity Complexity High first-cost for total system Glycol required in geothermal 	<ul style="list-style-type: none"> Need cooling tower with maintenance & water treatment 	<ul style="list-style-type: none"> Weight Requires water treatment High first-cost Maintenance Complexity
Tonnage	5–400 tons	6–120 tons	5–120+ tons	5–400 tons	50–400 tons
Compressor Type	Scroll, Screw	Scroll	Scroll	Scroll, Screw	Scroll, Screw
Modulation	Tandems, Digital Scroll, Variable Speed, Slider Valve	Variable Speed	Digital Scroll, Variable Speed	Tandems, Digital Scroll, Variable Speed, Slider Valve	Tandems, Digital Scroll, Variable Speed, Slider Valve

ALL-ELECTRIC SOLUTIONS FOR DECARBONIZATION

Achieve decarbonization goals with the full custom capabilities you expect from Innovent, including multiple forms of secondary heat, air-to-air energy recovery, section splits, service vestibules, flexible layouts, and unique footprints. Innovent's air source heat pump provides:

- Efficient, all-electric heating down to 0 °F ambient
- Customization capability
- Standard variable speed compressors
- Standard EC condenser fans
- Integral secondary heat in multiple forms

Visit our website to learn more: innoventair.com



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