

AIR COOLED CONDENSING UNITS



Air-cooled condensing units provide dependable heat rejection and system control for walk-in coolers and freezers. Designed for outdoor or mechanical room installation, these units combine high-efficiency compressors, optimized condenser coils, and durable cabinet construction to deliver consistent refrigeration performance in commercial and industrial environments.

Available in Medium Temperature (28–40°F) and Low Temperature (-10–10°F) configurations, they are engineered for energy efficiency, long service life, and simplified installation.

Low Temp Air-Cooled Condensing Units

Application: Walk-In Freezers

Temperature Range: -10–10°F

Refrigerant: R404A / R448A

Cooling Method: Air-Cooled

- ❖ Built for low-temperature freezer applications.
- ❖ Reliable performance in sub-zero environments.
- ❖ Hermetic compressors (3/4 HP – 4HP models).
- ❖ Scroll compressors for deep-freeze conditions.
- ❖ Heavy-duty construction for commercial use.
- ❖ Enhanced condenser airflow design.
- ❖ High-efficiency refrigeration circuit.
- ❖ Rugged outdoor enclosure.
- ❖ Weather-resistant housing.
- ❖ Engineered for warehouse freezer systems.
- ❖ Designed for continuous low-temp operation.
- ❖ Long service life design.

Medium Temp Air-Cooled Condensing Units

Application: Walk-In Coolers

Temperature Range: 28–40°F

Refrigerant: R404A / R448A

Cooling Method: Air-Cooled

- ❖ Designed for medium temperature walk-in coolers.
- ❖ Hermetic compressors (3/4 HP – 4HP models).
- ❖ Scroll compressors for improved efficiency.
- ❖ Optimized condenser coil surface area for enhanced heat rejection.
- ❖ Advanced airflow management for stable head pressure.
- ❖ High-efficiency condenser fan motors.
- ❖ Outdoor-rated steel cabinet construction.
- ❖ Continuous-duty rated compressors.
- ❖ Engineered for rooftop and exterior installations.
- ❖ Built for demanding commercial refrigeration environments.

Model	Description	Temp Range	Application	Capacity	Refrigerant	Voltage	Cooling Method	Compressor Type
CU-MT-AC-09	Medium Temp Air-Cooled Condensing Unit – 3 / 4 HP	28–40°F	Walk-In Cooler	3 / 4 HP	R404A / R448A	208-230/1/60	Air-Cooled	Hermetic
CU-MT-AC-12	Medium Temp Air-Cooled Condensing Unit – 1 HP	28–40°F	Walk-In Cooler	1 HP	R404A / R448A	208-230/1/60	Air-Cooled	Hermetic
CU-MT-AC-18	Medium Temp Air-Cooled Condensing Unit – 1.5 HP	28–40°F	Walk-In Cooler	1.5 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-MT-AC-24	Medium Temp Air-Cooled Condensing Unit – 2 HP	28–40°F	Walk-In Cooler	2 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-MT-AC-30	Medium Temp Air-Cooled Condensing Unit – 2.5 HP	28–40°F	Walk-In Cooler	2.5 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-MT-AC-36	Medium Temp Air-Cooled Condensing Unit – 3 HP	28–40°F	Walk-In Cooler	3 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-MT-AC-42	Medium Temp Air-Cooled Condensing Unit – 3.5 HP	28–40°F	Walk-In Cooler	3.5 HP	R404A / R448A	460/3/60	Air-Cooled	Scroll
CU-MT-AC-48	Medium Temp Air-Cooled Condensing Unit – 4 HP	28–40°F	Walk-In Cooler	4 HP	R404A / R448A	460/3/60	Air-Cooled	Scroll

CU-LT-AC-09	Low Temp Air-Cooled Condensing Unit – 3 / 4 HP	-10–10°F	Walk-In Freezer	3 / 4 HP	R404A / R448A	208-230/1/60	Air-Cooled	Hermetic
CU-LT-AC-12	Low Temp Air-Cooled Condensing Unit – 1 HP	-10–10°F	Walk-In Freezer	1 HP	R404A / R448A	208-230/1/60	Air-Cooled	Hermetic
CU-LT-AC-18	Low Temp Air-Cooled Condensing Unit – 1.5 HP	-10–10°F	Walk-In Freezer	1.5 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-LT-AC-24	Low Temp Air-Cooled Condensing Unit – 2 HP	-10–10°F	Walk-In Freezer	2 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-LT-AC-30	Low Temp Air-Cooled Condensing Unit – 2.5 HP	-10–10°F	Walk-In Freezer	2.5 HP	R404A / R448A	208-230/3/60	Air-Cooled	Scroll
CU-LT-AC-36	Low Temp Air-Cooled Condensing Unit – 3 HP	-10–10°F	Walk-In Freezer	3 HP	R404A / R448A	460/3/60	Air-Cooled	Scroll
CU-LT-AC-42	Low Temp Air-Cooled Condensing Unit – 3.5 HP	-10–10°F	Walk-In Freezer	3.5 HP	R404A / R448A	460/3/60	Air-Cooled	Scroll