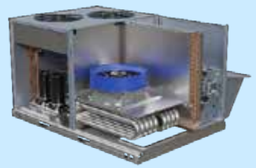
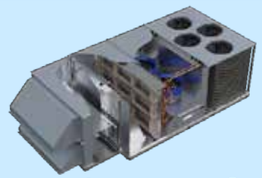
LIGHT COMMERCIAL ROOFTOP UNITS

Contact Your Local Office for Stocking Details

Series	**WeatherMaker®** 48/50FE(Q)	 **WeatherMaster®** 48/50GE(Q)	**WeatherMaster®** 48QE	 **WeatherExpert®** 48/50WE
Sizes	3 to 27.5 Tons (Gas and Electric Cooling) 3 to 25 Tons (Heat Pump)	3 to 25 Tons	3 to 25 Tons	6 to 15 Tons
Max Efficiency	SEER2: 13.4 / IEER: 15.5 HSPF2: 6.7 /COP: 3.4	SEER2: 16.8 / IEER: 17.7 HSPF2: 7.2 / COP: 3.5	SEER2: 15.3/IEER: 17.0 HSPF2: 7.0/COP: 3.70	IEER: 20.0
Application	Constant Volume (CV) Staged Air Volume (SAV™)	Staged Air Volume (SAV™)	Staged Air Volume (SAV™)	High Outdoor Air System (HOAS) SZVAV
Cooling Stages	One- and Two-Stage Cooling	Two-Stage Cooling	Two-Stage Cooling	Three-Stage Cooling
Heat Type	Gas / Low NOx Electric No Heat / Cooling Only Heat Pump	Gas / Low NOx Electric No Heat / Cooling Only Heat Pump	Hybrid Heat – Heat Pump with Supplementary Gas Heat	Modulating Gas Heat (5:1 or 10:1) Cooling Only SCR Electric Heat
Supply Fan and Motor Options	Direct Drive ECM / Vane Axial Fan with EcoBlue™ Technology	Direct Drive ECM / Vane Axial Fan with EcoBlue™ Technology	Direct Drive ECM / Vane Axial Fan with EcoBlue™ Technology	Direct Drive ECM / Vane Axial Fan with EcoBlue™ Technology
Coils, Coatings and Protection	Round Tube Plate Fin Coils (Al/Cu) Cu/Cu Coils Precoated Coils* E-Coated Coils* Louvered Hail Guard*	Round Tube Plate Fin Coils (Al/Cu) Cu/Cu Coils Precoated Coils* E-Coated Coils* Louvered Hail Guard*	Round Tube Plate Fin Coils (Al/Cu) Cu/Cu Coils Precoated Coils* E-Coated Coils* Louvered Hail Guard*	Round Tube Plate Fin Coils (Al/Cu) Cu/Cu Coils Precoated Coils* E-Coated Coils* Louvered Hail Guard*
Controls Options	SystemVu™ POL224 Economizer Controller Electromechanical	SystemVu™ POL224 Economizer Controller Electromechanical	SystemVu™ Controls	SmartVu™ Controls
Premium Options (Consult Selection Tools for Applicability)	Humidi-MiZer® Adaptive Dehumidification / -20°F Low Ambient Controls Stainless Steel Heat Exchanger / EnergyX™ Energy Recovery Ventillator			
Options	Convenience Outlet Smoke Detectors CO_2 Sensors Winter Start Kit	Phase Monitor Protection Fault Detection and Diagnostics (FDD) Condensate Overflow Switch Non-Fused Disconnect	Hinged Panels Power Exhaust Standard or Ultra Low Leak Temperature or Enthalpy Economizers Fan/Filter Status Switch	Upgraded Insulation 4" MERV-13 Filters High SCCR HACR Breaker

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*Optional Items / Numerous Additional Factory-Installed Options Available.

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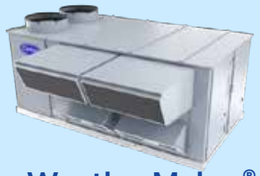
COMMERCIAL APPLIED ROOFTOP UNITS

	 **WeatherMaker®** 48/50K	**WeatherMaster®** 48/50V Compact Chassis	**WeatherMaster®** 48/50V Standard Chassis
Series			
Sizes	20 to 60 Tons	27.5 to 50 Tons	27.5 to 100 Tons
Max Efficiency	EER: 10.5 / IEER: 16.2	EER: 10.9 / IEER: 21.0	EER: 10.9 / IEER: 21.2
Application	Staged Air Volume (SAV™) Variable Air Volume (Single or Multi-Zone)	Staged Air Volume (SAV™) Variable Air Volume (Single or Multi-Zone)	Staged Air Volume (SAV™) Variable Air Volume (Single or Multi-Zone)
Lead Compressor	Fixed Speed Scroll Digital Scroll (Option)	Variable Speed Scroll	Variable Speed Scroll
Heat	Two-Stage or Multi-Stage (Option) Gas No Heat or Hot Water Coil (ETO) Two-Stage or Modulating Electric (Option)	Two-Stage or Modulating (Option) Gas No Heat or Hot Water Coil (Option) Two-Stage or Modulating Electric (Option)	Two-Stage or Modulating (Option) Gas No Heat or Hot Water Coil (Option) Two-Stage or Modulating Electric (Option)
Indoor Fan and Motor	Belt Drive Forward Curve A.C. Motor with Variable Frequency Drive (VFD)	Direct Drive Fan Array Electronically Commutated (EC) Motors	Direct Drive Fan Array Electronically Commutated (EC) Motors
Controls and Communication	Carrier SmartVu™ Controls CCN or BACnet (IP or MS/TP) Communication	Carrier SmartVu™ Controls CCN or BACnet (IP or MS/TP) Communication	Carrier SmartVu™ Controls CCN or BACnet (IP or MS/TP) Communication
Relief Fan Options*	Multi-Stage Power Exhaust (Option or Accessory) High-Capacity Power Exhaust (Accessory)	Propeller Exhaust Fan with EC Motor (Option)	Propeller Exhaust Fan with ECM (Option) Backward Curve Exhaust Fan with ECM (Option) Backward Curve Return Fan with ECM (Option)
Filtration Options*	2” or 4” Pleated Pre-Filters	2”, 4”, or 2” + 4” Pleated Pre-Filters	2”, 4”, or 2” + 4” Pleated Pre-Filters 2” Pleated + 12” Bag or Cartridge Pre-Filters 4” Pleated or 12” Cartridge Final Filters
Cabinet and Insulation Options*	Single-wall with Fiberglass Insulation Double Wall with Fiberglass Insulation (Option)	Single-wall with Foil-Faced Fiberglass Insulation	Single Wall with Foil-Faced Fiberglass Insulation Double Wall with R13 Foam Insulation (Option)
Premium Options*	Humidi-MiZer® Modulating Dehumidification Ultra-Low Leak Economizer High Efficiency/Low Sound Package	Humidi-MiZer® Modulating Dehumidification Ultra-Low Leak Economizer High Efficiency/Low Sound Package	Humidi-MiZer® Modulating Dehumidification Ultra-Low Leak Economizer High Efficiency/Low Sound Package EnergyX® Energy Recovery System

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*Option availability may depend on unit size, unit configuration, or may be future releases.
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