



UMULTI Systems

Residential Multi Mini-Split Systems



Put comfort, health and sustainability first with a brand that's always on duty

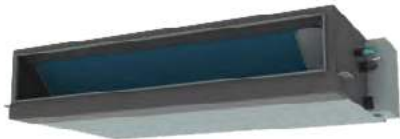
R454B



Guardian® Residential Multi Mini-Split Systems



Wall-Mount Indoor Unit 9K-24K
UNI09HW23STG1, UNI12HW23STG1,
UNI18HW23STG1, UNI24HW23STG1



Ducted Indoor Unit: 9K-24K
UNI09DT23STG1, UNI12DT23STG1,
UNI18DT23STG1, UNI24DT23STG1



Ducted Indoor Unit: 9K-24K
UNI09CS23STG1, UNI12CS23STG1,
UNI18CS23STG1, UNI24CS23STG1



18K-48K Outdoor Unit
UMC18CN23SG1, UMC24CN23STG1,
UMC36CN23STG1, UMC48CN23STG1

Contractor benefits



Benefits at a glance

- Faster to install
- Faster to clean
- Faster to service

Homeowner benefits

- **Convenient control:** Choose from a wireless remote, wall-mounted wired controller or wireless app. The sleep mode and timer function let you set temperatures by time of day
- **Comfortable all year round:**
 - Heat down to an outdoor temperature of -13°F (-25°C)
 - Cool down to an outdoor temperature of 0°F (-15°C)
- **Comfort at your fingertips:** Press the 'I Feel' button for intelligent temperature control with accuracy and comfort
- **Easy on the ears and eyes:** Slim-profile heating and cooling indoor units look great. The compact size lets them fit in perfectly

Benefits at a glance

- Best-in-class operating temperatures
- Heating down to -13°F
- Cooling down to 0°F

Features

Comfort



Sleep mode

- Maintains a consistent, comfortable sleeping environment throughout the night by gradually adjusting the temperature settings
- Saves energy by reducing the air conditioner's workload when cooling or heating demand is lower



Turbo mode

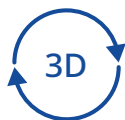
- Operates heat pump at maximum capacity to boost cooling or heating output
- Allows the room to reach the desired temperature faster than normal



I Feel mode

- The wireless controller's sensor detects temperature and humidity, adjusting operations based on its location instead of the unit

Efficiency



3D inverter technology

- Adjusts compressor speed and operation based on room's cooling or heating needs
- Reduces energy consumption significantly compared to non-inverter models

Durability

Gold fin outdoor unit

- Anti-corrosive coating protects the outdoor unit from rain, salty air and pollutants
- Ideal for coastal and industrial areas

Crankcase heater

- Keeps oil warm when not in operation
- Ensures smooth startup and extends compressor lifespan

Base pan heaters

- Prevent ice formation in extreme low-ambient temperatures
- Promote water drainage after defrost cycles

Indoor air quality



Self-clean function

- Automated regular self-cleaning ensures a cleaner, more efficient system with minimal manual intervention
- Dries out the evaporator and removes moisture to prevent unpleasant odors



Activated carbon filter (wall-mount)

- Activated carbon filter removes odors, gases, and volatile organic compounds (VOCs)
- Particularly useful in spaces with cooking smells, tobacco smoke, or chemical fumes



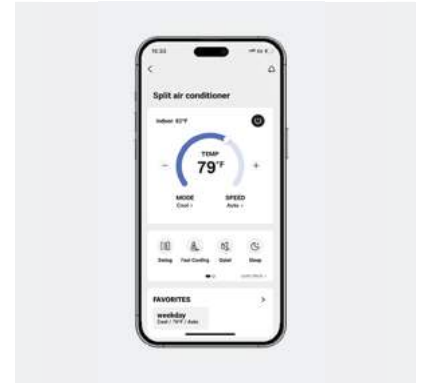
Ion filter (wall-mount)

- Helps remove dust, pollen, pet dander, smoke, allergens and pollutants
- Improves air quality and neutralizes odors for a fresher indoor environment

Multi-Zone Systems – UMULTI Series Heat Pumps

Wi-Fi app U-Comfort (standard)

- The U-Comfort Mobile App combines convenience and advanced functionality for seamless control
- Wi-Fi integration simplifies installation without the need for extensive wiring, ideal for retrofitting and flexible deployment
- Cloud-based architecture allows for centralized remote management of access permissions and real-time monitoring from anywhere with internet access
- Scalable to accommodate changes in infrastructure or user base
- Advanced security measures such as encryption and multifactor authentication protect data and ensure secure access
- Integrates with other security systems like video surveillance, alarms and visitor management



Standard wall-mount)
U-Comfort Mobile App

Optional accessories

DESCRIPTIONS	PART NUMBERS
4-in-1 filters* (two required)	S1937525
Vitamin C filters* (two required)	S1804785
Silver ion filters* (two required)	S1546838
Catechin air filters* (two required)	S1522926
HEPA filters* (two required)	S1916503
Negative ion filters* (two required)	S1805891
Electrostatic filters* (two required)	S1524560
Carbon filters* (two required)	S1522965
Ion filters* (two required)	S1809636
Mini Aqua Univolt 100V-250V	DPWM-83819
Remote controller (included)	UCRB31NEWH
IR receiver (included)	S1431922
Wired controller	UCWA21NEHH
Filter net	S2094116

*filters are only for wall-mounted indoor units



Standard (wall-mount)
Wireless Remote Controller
UCRB31NEWH



Optional (ducted and cassette)
Wired Controller UCWA21NEHH

Multi-Zone Systems specifications

Model	Wall-Mount Indoor		UNI09HW23STG1	UNI12HW23STG1	UNI18HW23STG1	UNI24HW23STG1
	Ducted Indoor		UNI09DT23STG1	UNI12DT23STG1	UNI18DT23STG1	UNI24DT23STG1
	Cassette Indoor		UNI09CS23STG1	UNI12CS23STG1	UNI18CS23STG1	UNI24CS23STG1
Model	Outdoor		UMC18CN23STG1	UMC24CN23STG1	UMC36CN23STG1	UMC48CN23STG1
	System type		Heat pump	Heat pump	Heat pump	Heat pump
Performance	Cooling capacity @ 95°F (ducted / non-ducted)	BTU/hr	18000 / 18000	27000 / 27000	36000 / 36000	42000 / 42000
	Heating capacity @ 47°F (ducted / non-ducted)	BTU/hr	18000 / 18000	27000 / 27000	36000 / 36000	45000 / 48000
	Cooling capacity range	BTU/hr	9000 - 22000	9000 - 31000	9000 - 46800	9000 - 54600
	Heating capacity range	BTU/hr	14500 - 30000	20100 - 44000	9000 - 54000	9000 - 58000
	SEER2 (ducted / non-ducted)	Cooling	17.5 / 22	18 / 23	19 / 22	18 / 22
	HSPF2 (IV) (ducted / non-ducted)	Heating	9.4 / 10	8.8 / 10	9 / 10	8.8 / 9.5
	EER2 for cooling (95°F) (ducted / non-ducted)	BTU/W	12 / 13.3	11.5 / 12.85	12.85 / 12.85	11.35 / 12.0
	COP @ 5°F (ducted / non-ducted)	W/W	1.96 / 1.99	1.84 / 1.82	1.83 / 1.92	1.83 / 1.92
	Heating capacity @ 17°F (rated) (ducted / non-ducted)	BTU/hr	11900 / 11500	18200 / 17600	21000 / 22600	27400 / 28200
	Max. heating capacity @ 5°F	BTU/hr	18000	27000	36000	36000
Power supply	Rated voltage	V/Hz/Ph	208~230V, 60Hz, 1P			
Outdoor unit	Operating range - cooling	°F (°C)	5°F-125°F (-15°C-52°C)	5°F-125°F (-15°C-52°C)	5°F-125°F (-15°C-52°C)	5°F-125°F (-15°C-52°C)
	Operating range - heating	°F (°C)	-13°F-75°F (-25°C-24°C)	-13°F-75°F (-25°C-24°C)	-13°F-75°F (-25°C-24°C)	-13°F-75°F (-25°C-24°C)
	Sound pressure level (high)	dB (A)	55	62	64	64
	Unit dimensions (W x H x D)	inches (mm)	33.87 x 26.37 x 12.25 (860 x 670 x 312)	38.37 x 32.87 x 14.12 (975 x 835 x 359)	38.37 x 32.87 x 14.12 (975 x 835 x 359)	38.37 x 32.87 x 14.12 (975 x 835 x 359)
	Net / Gross weight	lbs (kg)	101.4 / 112.4 (46 / 51)	160.6 / 183.2 (72.9 / 83.1)	169.8 / 191.8 (77 / 87)	172 / 194 (78 / 88)
Piping	Max. total piping length	ft (m)	164 (50)	230 (70)	230 (70)	262 (80)
	Max. total piping height	ft (m)	49.2 (15)	49.2 (15)	49.2 (15)	49.2 (15)
	Pre-charge piping length	ft (m)	49 (15)	75 (22.86)	100 (30.48)	125 (38.1)
	Refrigerant	-	R454B			
Piping connection	Liquid	inches (mm)	1/4	1/4	1/4	1/4
	Gas	inches (mm)	3/8	3/8	3/8	3/8
	Drain	inches (mm)	3/5	3/5	3/5	3/5

COMBINATION TABLE

UMC18CN23STG1

Model	Combination of indoor units	COOLING CAPACITY						HEATING CAPACITY							
		A	B	C	D	Total capacity (BTU/hr)			A	B	C	D	Total capacity (BTU/hr)		
		BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX	BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX
Split indoor	09+09	9000	9000			18000	9000	22000	9000	9000			18000	14500	30000
	09+12	8500	9500			18000	9000	22000	8500	9500			18000	14500	30000
	12+12	8000	10000			18000	9000	22000	8000	10000			18000	14500	30000

UMC24CN23STG1

Model	Combination of indoor units	COOLING CAPACITY						HEATING CAPACITY							
		A	B	C	D	Total capacity (BTU/hr)			A	B	C	D	Total capacity (BTU/hr)		
		BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX	BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX
Split indoor	09+18	8500	15000			22800	8500	30700	8700	15300			24000	17800	35600
	12+12	10000	10000			22800	8500	30900	10000	10000			20000	17000	33300
	12+18	9500	14500			23400	8800	31000	9500	14500			24000	17800	38000
	18+18	12000	12000			24000	9000	31300	12000	12000			24000	18500	40400
	09+09+09	8000	8000	8000		24000	9000	31000	8000	8000	8000		24000	20100	44000
	09+09+12	7400	7400	9200		24000	9000	31000	7400	7400	9200		24000	20100	44000
	09+09+18	6200	6200	11600		24000	9000	31000	6200	6200	11600		24000	20100	44000
	09+12+12	7000	8500	8500		24000	9000	31000	7000	8500	8500		24000	20100	44000
12+12+12	8000	8000	8000		24000	9000	31000	8000	8000	8000		24000	20100	44000	

UMC36CN23STG1

Model	Combination of indoor units	COOLING CAPACITY						HEATING CAPACITY							
		A	B	C	D	Total capacity (BTU/hr)			A	B	C	D	Total capacity (BTU/hr)		
		BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX	BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX
Split indoor	09+09+12	8900	8900	11900		33400	9000	42900	10000	10000	13400		33400	10560	49431
	09+09+18	7700	7700	15400		34600	9000	45700	8600	8600	17300		34500	10560	52754
	09+09+24	7000	7000	18000		36000	9000	46800	8000	8000	20000		36000	10560	54000
	09+12+12	8400	11200	11200		34600	9000	44600	9400	12600	12600		34600	10560	51404
	09+12+18	7300	9700	14400		35300	9000	46800	8200	10900	16200		35300	10560	54000
	09+12+24	7000	10000	15000		36000	9000	46800	7000	10000	19000		36000	10560	54000
	09+18+24	6000	11000	15000		36000	9000	46800	7000	13000	16000		36000	10560	54000
	12+12+12	10400	10400	10400		35100	9000	46800	11700	11700	11700		35100	10560	54000
	12+12+18	9200	9200	13600		36000	9000	46800	10300	10300	15400		36000	10560	54000
	12+12+24	8000	8000	16000		36000	9000	46800	10000	10000	16000		36000	10560	54000
	12+18+24	8000	10000	14000		36000	9000	46800	9000	12400	14600		36000	10560	54000
	09+09+09+09	8000	8000	8000	8000	36000	9000	46800	9000	9000	9000	9000	36000	10560	54000
	09+09+09+12	7400	7400	7400	9800	36000	9000	46800	8300	8300	8300	11100	36000	10560	54000
	09+09+09+18	6400	6400	6400	12800	36000	9000	46800	7200	7200	7200	14400	36000	10560	54000
	09+09+09+24	6000	6000	6000	14000	36000	9000	46800	6500	6500	6500	16500	36000	10560	54000
	09+09+12+12	6800	6800	9200	9200	36000	9000	46800	7700	7700	10300	10300	36000	10560	54000
	09+09+12+18	6000	6000	8000	12000	36000	9000	46800	6800	6800	8900	13500	36000	10560	54000
	09+09+12+24	5500	5500	6000	15000	36000	9000	46800	6500	6500	7000	16000	36000	10560	54000
	09+12+12+12	6500	8500	8500	8500	36000	9000	46800	7200	9600	9600	9600	36000	10560	54000
	09+12+12+18	5600	7500	7500	11400	36000	9000	46800	6400	8400	8400	12800	36000	10560	54000
12+12+12+12	8000	8000	8000	8000	36000	9000	46800	9000	9000	9000	9000	36000	10560	54000	
12+12+12+18	7100	7100	7100	10700	36000	9000	46800	8000	8000	8000	12000	36000	10560	54000	

UMC48CN23STG1

Model	Combination of indoor units	COOLING CAPACITY							HEATING CAPACITY								
		A	B	C	D	E	Total capacity (BTU/hr)			A	B	C	D	E	Total capacity (BTU/hr)		
		BTU/hr	BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX	BTU/hr	BTU/hr	BTU/hr	BTU/hr	BTU/hr	NOM	MIN	MAX
Split indoor	9+18+24	7500	14800	19700			42000	9000	54600	7500	14800	19700			48000	9000	58000
	12+18+24	7000	14600	18600			42000	9000	54600	7000	14600	18600			48000	9000	58000
	9+9+9+9	9000	9000	9000	9000		36000	9000	50232	9000	9000	9000	9000		41100	9000	53500
	9+9+9+12	9000	9000	9000	12000		39000	9000	50232	9000	9000	9000	12000		44580	9000	53500
	9+9+9+18	8400	8400	8400	16800		42000	9000	54600	8400	8400	8400	16800		48000	9000	58000
	9+9+9+24	7400	7400	7400	19800		42000	9000	54600	7400	7400	7400	19800		48000	9000	58000
	9+9+12+12	9000	9000	12000	12000		42000	9000	54600	9000	9000	12000	12000		48000	9000	58000
	9+9+12+18	7850	7850	10500	15800		42000	9000	54600	7850	7850	10500	15800		48000	9000	58000
	9+9+12+24	7000	7000	9300	18700		42000	9000	54600	7000	7000	9300	18700		48000	9000	58000
	9+9+18+24	6300	6300	12600	16800		42000	9000	54600	6300	6300	12600	16800		48000	9000	58000
	9+12+12+12	8400	11200	11200	11200		42000	9000	54600	8400	11200	11200	11200		48000	9000	58000
	9+12+12+18	7400	9900	9900	14800		42000	9000	54600	7400	9900	9900	14800		48000	9000	58000
	9+12+12+24	6500	8700	8700	17400		42000	9000	54600	6500	8700	8700	17400		48000	9000	58000
	9+12+18+24	6000	8000	12000	16000		42000	9000	54600	6000	8000	12000	16000		48000	9000	58000
	12+12+12+12	10500	10500	10500	10500		42000	9000	54600	10500	10500	10500	10500		48000	9000	58000
	12+12+12+18	9300	9300	9300	14000		42000	9000	54600	9300	9300	9300	14000		48000	9000	58000
	9+9+9+9+9	8400	8400	8400	8400	8400	42000	9000	54600	8400	8400	8400	8400	8400	48000	9000	58000
	9+9+9+9+12	7875	7875	7875	7875	10500	42000	9000	54600	7875	7875	7875	7875	10500	48000	9000	58000
	9+9+9+9+18	7000	7000	7000	7000	14000	42000	9000	54600	7000	7000	7000	7000	14000	48000	9000	58000
	9+9+9+12+12	7400	7400	7400	9900	9900	42000	9000	54600	7400	7400	7400	9900	9900	48000	9000	58000
9+9+12+12+12	7000	7000	9330	9330	9330	42000	9000	54600	7000	7000	9330	9330	9330	48000	9000	58000	



Standard

Seven-Year Limited Compressor/Five-Year Limited Parts



Extended Warranty

10-Year Compressor/10-Year Parts:
Requires online registration. Available for installations in residential applications at no additional cost.



Extended Warranty with Labor

10-Year Compressor/10-Year Parts/10-Year Labor:
Requires online registration and purchase of warranty upgrade. Available for installations in residential applications.



Industry-certified

Guardian Mini-Split Systems are certified by the Air Conditioning, Heating, and Refrigeration Institute. They are also UL Certified under Intertek's ETL Mark (Canada and USA), signifying that they comply with the safety standards for heating and cooling equipment (UL 60335-2-40 Ed. 4. and CAN/CSA C22.2 No.60335-2-40 Ed. 4 2022).

