



One-Way Cassette

The Ultimate All-Climate Comfort Solution



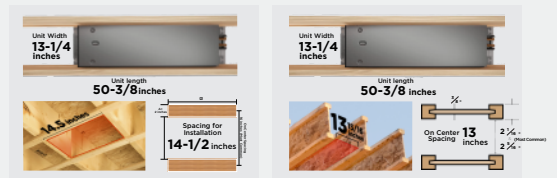
Comfort Elevated

No more climbing up and down. With the Elevation Panel feature, the panel itself comes to you. Simply activate it using the remote or smart control, and the panel smoothly lowers for quick, easy access to the air filter.



Designed for American Construction Standards

Fits not only in the most common joist space, but also in the I-Joist space, which is a rapidly growing application in the U.S. construction industry.



Temperature & Humidity Control

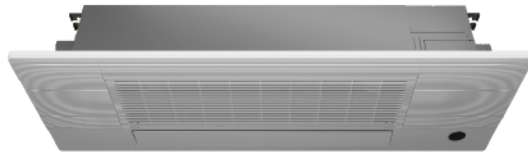
By utilizing intelligent control technology, simultaneously adjust the indoor temperature and humidity to provide a more comfortable environment.



2-Way Installation

Hang-Up Installation - Our hangers with optimized anti-cutting design are easy to grab and lift, preventing hands from being scratched by the sharp edge.

Push-In Installation - A unique & exclusive Push-In Case is designed for easy installation options. Installers can plug in the IN-cassette unit between the joists and fix it on the beams with screws. Double Row Tack Holes Design adapts to various joist sizes.



Model	Indoor Model		MCAHU-H06B-2A	MCAHU-H09B-2A	MCAHU-H12B-2A	MCAHU-H18B-2A	
	Outdoor Model		MO1HS-H06B-2A	MO1HS-H09B-2A	MO1HS-H12B-2A	MO1HS-H18B-2A	
Power supply	Voltage range	V-Hz-Ph	208 / 230 V,60 Hz,1 Ph				
		V	187-253				
System Performance	Cooling Capacity	Btu/h	6,500	9,000	12,000	16,700	
	SEER2	Btu/h/W	22	24	23	20.6	
	EER2	Btu/h/W	15	14.6	13	12.5	
	Cooling Capacity Range	Btu/h	3,600~11,200	4,000~12,900	4,000~13,900	5,700~19,000	
	Heating Capacity	Btu/h	7,400	10,900	12,500	20,000	
	HSPF2-4	Btu/h/W	12	12.1	10	12.2	
	COP	W/W	3.75	3.71	3.56	3.01	
	Heating Capacity Range	Btu/h	3,700~11,500	3,800~13,900	4,600~15,200	8,900~22,000	
	Moisture Removal	kg/h	0.34	0.98	1.69	2.05	
	Indoor Minimum Circuit Ampacity	A	3				
	Outdoor Minimum Circuit Ampacity	A	12	15		19	
	Connection wiring	AWG 14/4					
	Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	341 / 294 / 259 / 235 / 235			353 / 312 / 283 / 247 / 177	400 / 352 / 300 / 207 / 207
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	46.5 / 37.5 / 35.5 / 26 / 23.5		38 / 38 / 36 / 33 / 24		41 / 41 / 37 / 33 / 24	44 / 44 / 41.5 / 31 / 26
Outdoor noise level (Hi)	dB(A)	53.5		54.5		56	59.0
Refrigerant & Piping)	N.A. Design pressure	PSI	550 / 340				
	Outdoor Refrigerant type	R454B					
	Outdoor Refrigerant charge	oz	32		35		55
	Outdoor Additional charge	oz/ft	0.16				
	Liquid side	inch	1/4"				
	Gas side	inch	3/8"			1/2"	
	Max. Piping Length	ft	82			98	
	Max. Height Difference	ft	49			66	
	Indoor Operating Temp. Range(Cooling)	°F	60~90				
	Outdoor Operating Temp. Range(Cooling)	°F	-22~122				
Indoor Operating Temp. Range(Heating)	°F	32~86					
Outdoor Operating Temp. Range(Heating)	°F	-22~75					
Size & Weight	Indoor Item Net/Gross weight	lb	45 / 82			45 / 83	
	Indoor Unit Dimension WxDxH	inch	50-1/4 x 13-1/4 x 9				
	Indoor Package Dimension WxDxH	inch	57-5/8 x 22-1/2 x 22-5/8				
	Outdoor Item Net/Gross weight	lb	62 / 68		73 / 79		100 / 108
	Outdoor Unit Dimension WxDxH	inch	30-1/8 x 11-7/8 x 21-7/8		31-3/4 x 13 x 21-3/4		35 x 13-1/2 x 26-1/2
	Outdoor Package Dimension WxDxH	inch	34-7/8 x 13-1/4 x 24		36 x 14-5/8 x 24-1/4		39-1/8 x 15-5/8 x 29-1/8
Indoor Electrical Motor	Indoor Fan Motor Model	ZKFN-30-8-43					
	Indoor Output	W	30				
	Indoor Motor Speed (Hi/Mi/Lo)	r/min	1024 / 944 / 784	1104 / 994 / 784	1075 / 982 / 797	1344 / 1184 / 1024	
Outdoor Electrical Motor	Outdoor Fan Motor Model	ZKFN-34-10-1-3		ZKFN-34-10-1-3		ZKFN-34-10-1-3	ZKFN-80-8-3
	Outdoor Fan Motor Output	W	34		34		80
	Outdoor Fan Motor Speed (Hi/Mid/Lo)	r/min	800 / 700 / 600		850 / 450		780 / 680 / 580
Compressor	Outdoor Compressor Type	ROTARY					
	Outdoor Compressor Model	KSK103D33UEZ3		KTN110D42UFZ		KTM240D46UKT2	
	Outdoor Compressor Brand	GMCC					
	Outdoor Compressor Capacity	W	3255		3465		7600
	Outdoor Compressor Input Power	W	826		885		2045
	Outdoor Compressor Rated current	A	5.65		6.0		9.3
	Outdoor Refrigerant oil	VG74					
	Outdoor Refrigerant oil charge	mL	310		350		620