

Ceiling & Floor

The Ultimate All-Climate Comfort Solution

Comfort Made Easy



- **Cooling Capacity:**
17,000/22,000/36,000/
48,000/54,000
- **Heating Capacity:**
19,000/28,000/36,000/
48,000/54,000
- **Efficiency Up To:**
 - » 20.4 SEER2
 - » 12.5 EER2
 - » 10.3 HSPF2
- **Cooling Range:** 32-90°F
- **Heating Range:** -22-75°F
- **Maximum Piping Line Length:**
246
- **Easy Maintenance**
- **Fresh Air**

FLEXIBLE FLOOR OR CEILING INSTALLATION

Midea Ceiling-Floor Indoor Unit features 3D airflow, makes it ideal for larger spaces such as commercial kitchens, retail stores, classrooms, and office spaces.



Refrigerant Leak Detection System

The system will stop the compressor operation of the outdoor unit to prevent the refrigerant from flowing into the indoor space continuously.



3D Airflow

The remote controller can adjust vertical air flow and horizontal airflow to direct air flow to every corner of the room.



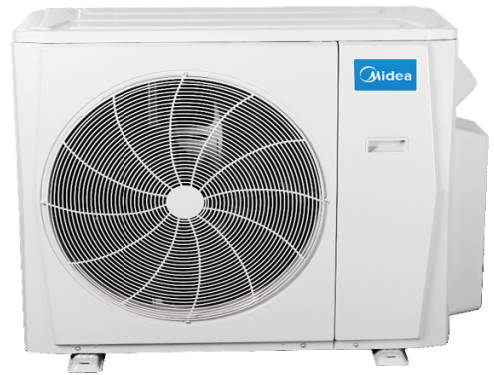
0-100% Seamless Fan Speed

0-100% fan speed can be precisely controlled in 1% increments, breaking the traditional fixed fan speed.



3-Way Pipe Out

The connection pipe can be put into the unit from the bottom, side, or rear, which makes installation much easier.



Model	Indoor Model	MFBHU-H18B-2A	MFBHU-H24B-2A	MFBHS-H36B-2A	MFBHS-H48B-2A	MFBHS-H60B-2A	
	Outdoor Model	MO1HS-H18B-2A	MO1HS-H24B-2A	MO1HU-H36B-2A	MO1HU-H48B-2A	MO1HU-H60B-2A	
Power supply	Voltage Range	208 / 230 V,60 Hz,1 Ph					
	V-Hz-Ph	187-253					
System Performance	Cooling Capacity	Btu/h	17,000	22,000	36,400	48,000	54,000
	SEER2	Btu/h/W	20.4	20.4	20	18.5	18
	EER2	Btu/h/W	12.5	12.0	12	9.4	9
	Cooling Capacity Range	Btu/h	7,400-19,200	12,700-25,600	6,100-38,300	6,700-53,500	20,000-54,500
	Heating Capacity	Btu/h	19,000	26,000	38,000	52,000	60,000
	HSPF2-4	Btu/h/W	10.3	12.1	10.8	10.1	10.7
	COP	W/W	3.07	3.34	3.29	2.86	3.02
	Heating Capacity Range	Btu/h	8,300-20,700	11,300-29,500	11,100-45,400	18,800-58,700	21,700-65,500
	Moisture removal	kg/h	1.73	2.73	3.1	6.32	7.16
	Indoor Minimum Circuit Ampacity	A	1.9	2.5	3	3	3
	Outdoor Minimum Circuit Ampacity	A	19	24.9	38	44	44
	Connection wiring		AWG 14/4				
	Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	577/547/486/421/421	736/706/606/453/377	1224/1089/989/765/653	1354/1236/1083/801/665	1366/1236/1118/883/777
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	45/43/40/31/29	52/49/45/34/29	51/51/46/39/35	54/53/49/39/35	55/55/49/42/39	
Outdoor noise level (Hi)	dB(A)	58	62	65	64.5	64.5	
Refrigerant & Piping	N.A. Design pressure	PSI	550/340				
	Outdoor Refrigerant type		R454B				
	Outdoor Refrigerant charge	oz	55	63	127	127	152
	Outdoor Additional charge	oz/ft	0.16		0.32		
	Liquid side	inch	1/4"		3/8"		
	Gas side	inch	1/2"	5/8"	3/4"		
	Max. Piping Length	ft	98	164	246		
	Max. Height Difference	ft	66	82	98		
	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	58/71	61/73	88.85/104.94	89.07/105.16	95.24/111.33
	Indoor Unit Dimension WxDxH	inch	42x26-5/8x9-1/4			65x26-5/8x9-1/4	
	Indoor Package Dimension (WxDxH)	inch	45-1/8x29-3/4x12-1/2			67-7/8x29-3/4x12-1/2	
	Outdoor Item Net/Gross weight	lb	100/108	130/141	207/237	209/240	230/262
	Outdoor Unit Dimension WxDxH	inch	35x13-1/2x26-1/2	37-1/4x16-1/8x31-7/8	38-1/2x16-3/8x38-3/8	37-1/2x16-3/8x52-1/2	
	Outdoor Package Dimension WxDxH	inch	39-1/8x15-5/8x29-1/8	42-7/8x19-5/8x34-7/8	45-1/8x19-5/8x42-1/2	43-1/8x19-1/2x57-1/2	
Inside Electrical Motor	Indoor Fan Motor Model		ZKFN-90-8-1	ZKFN-90-8-1	ZKFN-90-8-1	ZKFN-90-8-1	ZKFN-160-8-1-2
	Indoor Output	W	90				
	Indoor Motor Speed (Hi/Mi/Lo)	r/min	950/850/750	1200/1075/825	1120/1040/880	1210/1120/940	1290/1180/960
Outdoor Electrical Motor	Outdoor Fan Motor Model		ZKFN-80-8-3	ZKFN-120-8-2	ZKFN-250-10-1	ZKFN-85-10-1L	ZKFN-85-8-22-5
	Outdoor Fan Motor Output	W	80	120	250	85	
	Outdoor Fan Motor Speed (Hi/Mid/Lo)	r/min	780/700/550	950/800/500	750/650/550	850/750/650	
Outdoor Electrical Motor2	Outdoor Fan Motor Model		N/A			ZKFN-85-10-1L	ZKFN-85-8-22-5
	Outdoor Outdoor Fan Motor Output power2	W	N/A			85	
	Outdoor Outdoor Fan Motor Speed (Hi/Mid/Lo)2	r/min	N/A			850/750/650	
Compressor	Outdoor Compressor Type		ROTARY		TWIN-ROTARY		
	Outdoor Compressor Model		KTM240D46UKT2		EKPQ420D1UMUA		EKPQ440D1UMUB
	Outdoor Compressor Brand		GMCC				
	Outdoor Compressor Capacity	W	4,780/7,600		12,000		12,540
	Outdoor Compressor Input Power	W	805/2,045		3,265		3,430
	Outdoor Compressor Rated current	A	4.15/9.30		6.6		7.3
	Outdoor Refrigerant oil		VG74				
Outdoor Refrigerant oil charge	mL	620		1,460		1,300	