

Low-Static Slim Duct

Invisible installation, powerful performance,
the perfect choice for creating a comfortable space.



- **Cooling Capacity:**
6,500/9,000/12,000/17,000
- **Heating Capacity:**
8,000/10,000/12,500/19,000
- **Efficiency Up To:**
 - » 21.4 SEER2
 - » 14.4 EER2
 - » 13.8 HSPF2
- **Cooling Range:** -22 - 122°F
- **Heating Range:** -22 - 75°F
- **Maximum Piping Line Length:** 98
- **Ceiling or Floor Concealed**
- **Space Saving Design**

SLIMMER & LIGHTER

This series features an ultra-thin design, offering more installation possibilities and effortlessly adapting to diverse architectural structures and design requirements. It seamlessly integrates with interior decor, minimizing visual disruption, enhancing spatial aesthetics, and elevating overall style.



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.



Built-In Drain Pump

From gravity drainage to the increase in head to 39-3/8 inches (1000 mm) after installing the water pump, the installation flexibility and speed have been improved.



Constant Air Flow

With constant air volume control, the indoor unit cools every room consistently and accurately with both short pipes and long pipes.



0-100% Seamless Fan Speed

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



Model	Indoor Market Model		MDLHU-H06B-2A	MDLHU-H09B-2A	MDLHU-H12B-2A	MDLHU-H18B-2A
	Outdoor Market Model		MO1HS-H06B-2A	MO1HS-H09B-2A	MO1HS-H12B-2A	MO1HS-H18B-2A
Power supply	Voltage range	V-Hz-Ph	208/230V,60Hz,1Ph			
		V	187-253			
System Performance	Cooling Capacity	Btu/h	6,500	9,000	12,000	17,000
	SEER2	Btu/h/W	21.4	21.4	20.0	18.0
	EER2	Btu/h/W	14.4	13.4	12.0	12.0
	Cooling Capacity Range	Btu/h	3,300-11,800	3,400-13,500	3,400-13,500	6,500-18,800
	Heating Capacity	Btu/h	8,000	10,000	12,500	19,000
	HSPF2-4	Btu/h/W	13.8	12.5	10	10.5
	HSPF2-5	Btu/h/W	10.8	9.7	8	9.0
	COP	W/W	4.01	3.53	3.39	3.37
	Heating Capacity Range	Btu/h	3,700-13,100	3,800-16,200	3,800-16,200	8,900-22,000
	Moisture removal	kg/h	0.05	0.73	1.19	1.4
	Indoor Minimum Circuit Ampacity	A	3.0	3.0	3.0	3.0
	Outdoor Minimum Circuit Ampacity	A	12.0	15.0	15.0	19.0
	Connection wiring	AWG 14/4				
	Indoor Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	324 / 265 / 206 / 147 / 118	324 / 265 / 206 / 147 / 118	400 / 324 / 265 / 177 / 118	600 / 560 / 500 / 441 / 441
	Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	33 / 33 / 31 / 30 / 22	33 / 33 / 31 / 30 / 23	36 / 36 / 35 / 33 / 26	40 / 40 / 39 / 38 / 32
	Indoor static pressure range	in.w.g.	0-0.4	0-0.4	0-0.4	0-0.4
	Outdoor Outdoor Air Flow(CFM)	CFM	1,236	1,472	1,472	1,766
Outdoor noise level (Hi)	dB(A)	54	56	56	59	
Refrigerant & Piping	N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340	550 / 340
	Outdoor Refrigerant type	R454B				
	Outdoor Refrigerant charge	oz	32	35	35	55
	Outdoor Additional charge	oz/ft	0.16	0.16	0.16	0.16
	Liquid side	mm(inch)	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)	1/4" (6.35 mm)
	Gas side	mm(inch)	3/8" (9.52 mm)	3/8" (9.52 mm)	3/8" (9.52 mm)	1/2" (12.7 mm)
	Max. Piping Length	ft	82	82	82	98
	Max. Height Difference	ft	33	33	33	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	39 / 47	39 / 47	39 / 47	54 / 66
	Indoor Unit Dimension WxDxH	inch	27-1/2 x 20 x 7-7/8	27-1/2 x 20 x 7-7/8	27-1/2 x 20 x 7-7/8	34-5/8 x 26-1/2 x 8-1/4
	Indoor Package Dimension WxDxH	inch	33-7/8 x 21-1/4 x 11-1/4	33-7/8 x 21-1/4 x 11-1/4	33-7/8 x 21-1/4 x 11-1/4	42-1/8 x 28-1/2 x 11
	Outdoor Item Net/Gross weight	lb	62 / 68	73 / 79	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	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	36 x 14-5/8 x 24-1/4	39-1/8 x 15-5/8 x 29-1/8
Indoor Electrical Motor	Indoor Indoor Fan Motor Model	ZKFN-81-8-1		ZKFN-81-8-1	ZKFN-81-8-1	ZKFN-165-10-1L
	Indoor Output	W	81	81	81	165
	Indoor Motor Speed(Hi/Mi/Lo)	r/min	980/910/840	980/910/840	1070/990/910	1100/900/700
Outdoor Electrical Motor	Outdoor Outdoor Fan Motor Model	ZKFN-34-10-1-3		ZKFN-34-10-1-3	ZKFN-34-10-1-3	ZKFN-80-8-3
	Outdoor Outdoor Fan Motor Output	W	34	34	34	80
	Outdoor Outdoor Fan Motor Speed(Hi/Mid/Lo)	r/min	800/700/600	850/680/450	780/680/580	780/700/550
Compressor	Outdoor Compressor Type	ROTARY				
	Outdoor Compressor Model	KSK103D33UEZ3		KTN110D42UFZ	KTN110D42UFZ	KTM240D46UKT2
	Outdoor Compressor Brand	GMCC				
	Outdoor Compressor Capacity	W	3,255	3,465	3,465	7,600
	Outdoor Compressor Input Power	W	826	885	885	2045
	Outdoor Compressor Rated current	A	5.65	6.0	6.0	9.3
	Outdoor Refrigerant oil	VG74				
	Outdoor Refrigerant oil charge	mL	310	350	350	620