

Specifications

High-Efficiency Wall-Mounted AR5000



- Fan with inverter motor; HD filter included
- Triangle Design; "Good Sleep" mode
- Wireless remote controller included
- Communication with "Nasa" protocol
- Wi-Fi kit (optional)
- Power supply: Single-phase 220 V - 50 Hz
- Inverter Twin Rotary compressor - outdoor unit (except from models 2.6/3.5kW Single Rotary)
- Possibility to connect two, three, or four indoor units (twin-triple-quadri)

Model Name	Indoor Unit			AC026KNADEH/EU	AC035KNADEH/EU	AC071KNADEH/EU			
	Outdoor Unit			AC026JXSCEH/EU	AC035JXSCEH/EU	AC071JXSCEH/EU			
System	Power Supply	Ø, #, V, Hz			1,220-240,50	1,220-240,50	1,220-240,50		
	Capacity	Cooling(Min/Std/Max)	kW			1.00 / 2.60 / 3.60	1.10 / 3.50 / 4.40	2.00 / 7.10 / 8.50	
		Heating(Min/Std/Max)				1.00 / 3.40 / 6.40	1.10 / 4.30 / 7.10	3.00 / 8.00 / 10.00	
	Power	Power Input (Nominal)	Cooling(Min/Std/Max)	kW			0.24 / 0.61 / 0.90	0.25 / 0.94 / 1.26	0.75 / 1.86 / 2.30
			Heating(Min/Std/Max)				0.18 / 0.75 / 1.90	0.19 / 1.02 / 2.20	0.56 / 2.33 / 5.10
		Current Input (Nominal)	Cooling(Min/Std/Max)	A			1.60 / 3.10 / 4.30	1.60 / 4.40 / 5.90	4.10 / 8.40 / 10.30
			Heating(Min/Std/Max)				1.30 / 3.60 / 8.50	1.30 / 4.70 / 9.50	3.00 / 10.60 / 22.00
	MCA	A			11	11	25		
	MFA	A			12,5	12,5	30		
	Energy Efficiency	EER (Nominal Cooling)	-			4,26	3,72	3,82	
		COP (Nominal Heating)	-			4,53	4,22	3,43	
	Piping Connections	Energy Grade	SEER			SEER 8.5 (A+++)	SEER 8.0 (A++)	SEER 6.5 (A++)	
			SCOP			SCOP 4.7 (A++)	SCOP 4.6 (A++)	SCOP 4.0 (A+)	
	Liquid Pipe		Ø, mm	Ø, mm			6,35	6,35	9,52
			Ø, inch	Ø, inch			1/4"	1/4"	3/8"
	Gas Pipe		Ø, mm	Ø, mm			9,52	9,52	15,88
			Ø, inch	Ø, inch			3/8"	3/8"	5/8"
	Installation Limitation		Max. Length	m			20	20	75
Max. Height			m			15	15	30	
Field Wiring	Transmission Cable	Ø, mm			0.75 ~ 1.50	0.75 ~ 1.50	0.75 ~ 1.50		
Refrigerant	Type	-			R410A	R410A	R410A		
	Factory Charging	kg / tCO2e			1.27 / 2.65	1.27 / 2.65	2.90 / 6.06		
Indoor Unit	Fan	Type	-			Crossflow Fan	Crossflow Fan	Crossflow Fan	
		Motor	Output	W			27 x 1	27 x 1	27 x 1
			High/Mid/Low	m³/min			11.00 / 7.50 / 6.00	11.00 / 8.00 / 6.50	17.00 / 15.00 / 13.00
	Airflow Rate	l/s			183.33 / 125.00 / 100.00	183.33 / 133.33 / 108.33	283.33 / 250.00 / 216.67		
	Drain	Drain Pipe	Ø, mm			ID18 HOSE	ID18 HOSE	ID18 HOSE	
	Sound	Pressure	High/Mid/Low / Silence			dB(A)	38 / 30 / 23 / 19	38 / 32 / 25 / 21	43 / 40 / 35 / 30
Power		Cooling				56	58	61	
External Dimension	Net Weight	kg			11	11	14,5		
	Net Dimensions (WxHxD)	mm			896 x 261 x 261	896 x 261 x 261	1,065 x 301 x 294		
Outdoor Unit	Compressor	Type	-			BLDC Rotary	BLDC Rotary	Twin BLDC Rotary	
		Model	-			DA128A1FA-20F	DA128A1FA-20F	UG5T450FUEJX	
		Output	kW			0,955	0,955	4,12	
	Oil	Type	-			Ester Oil	Ester Oil	PVE	
		Airflow Rate	Cooling	m³/min			33	33	112
	Sound	Pressure	Cooling/Heating			dB(A)	46 / 47	47 / 48	49 / 49
Power		Cooling				59	62	65	
External Dimension	Net Weight	kg			37	37	96		
	Net Dimensions (WxHxD)	mm			790 x 548 x 285	790 x 548 x 285	940 x 1,420 x 330		
Operating Temp. Range	Cooling	°C			-20.0 ~ 50.0	-20.0 ~ 50.0	-20.0 ~ 50.0		
	Heating	°C			-25.0 ~ 24.0	-25.0 ~ 24.0	-25.0 ~ 24.0		

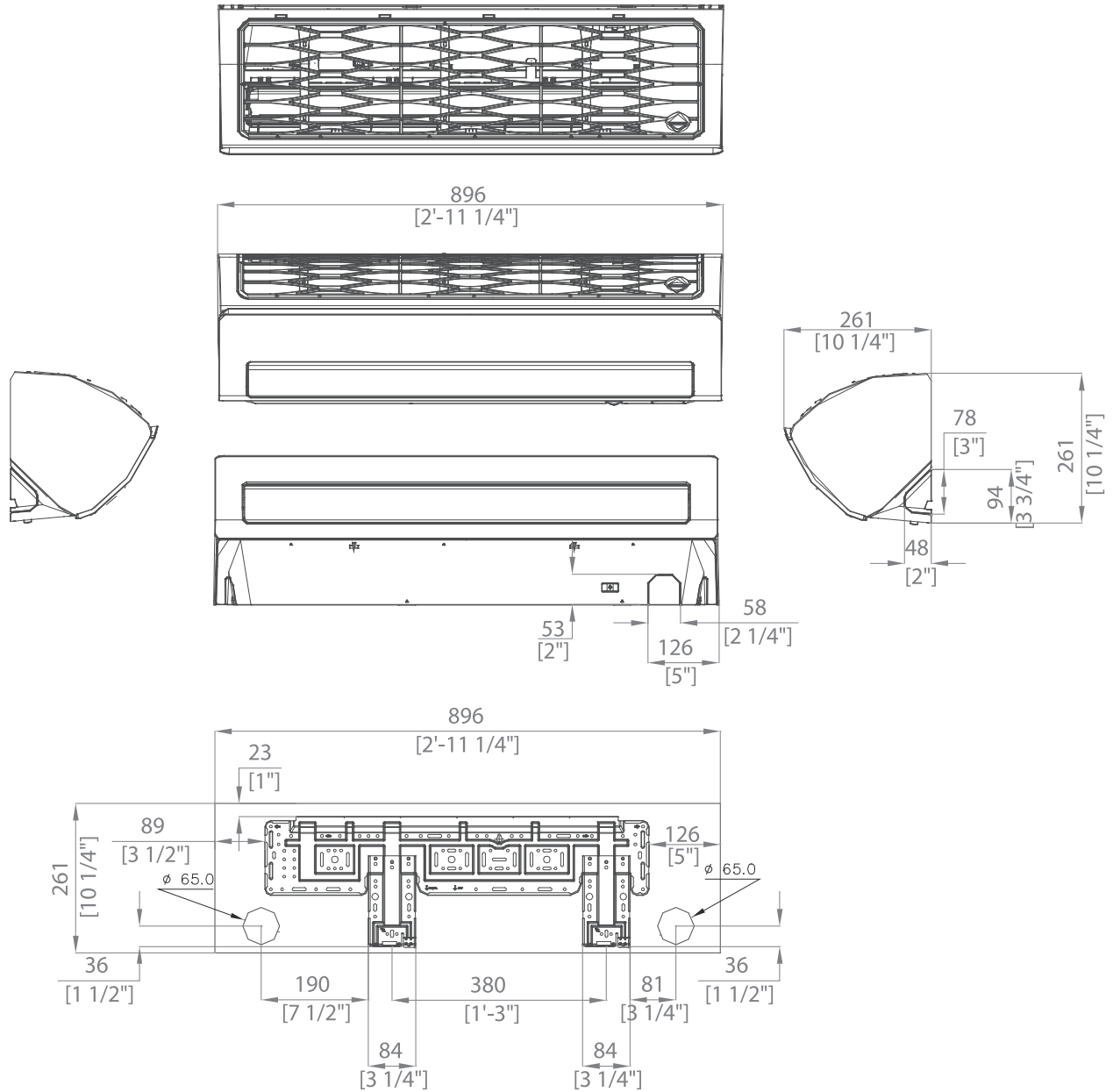
Accessories

Individual Controllers (Optional)	Others (Optional)		
			
MWR-SH10N	MWR-WE13N	MIM-H03N	MRW-TA

Dimensional Drawings

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AC***KNADEH/EU



Residential

Multi Split

Commercial

VRF

Chiller

Ventilation

Air-to-Water Heating

Controls & Accessories

