

شركة الصناعات الهندسية
ENGINEERING INDUSTRIES COMPANY



MURIYA

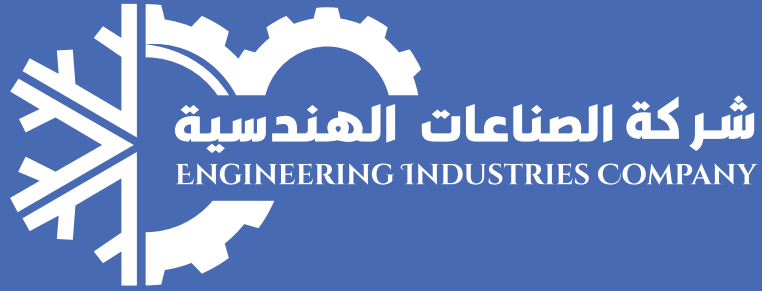


MURIYA

PRECISION COOLING
PROUDLY MADE IN OMAN

MURIYA offers a range of high-quality air conditioning systems, designed and manufactured in Oman. Our products ensure reliable efficient cooling performance for most demanding environments.





MURIYA



Engineering Industries SFZ

Salalah Free Zone – Sultanate of Oman

Precision Cooling – Proudly Made in Oman

Engineering Industries SFZ is a leading Omani manufacturer of advanced air conditioning systems under the MURIYA brand. Committed to quality, innovation, and energy efficiency, MURIYA products deliver reliable performance in harsh Gulf climates.

About the Company:

Engineering Industries MURIYA – SFZ is located in the Salalah Free Zone, Oman. The company specializes in the manufacturing and supply of high-quality cooling and air-conditioning systems. It provides complete engineering solutions including design, production, and maintenance of industrial and domestic cooling systems.

Quality Standards:

MURIYA is fully committed to international standards such as ISO and IEC, ensuring high performance, energy efficiency, and long-term reliability in all its products and services.



VISION

To be a leading manufacturer in the Middle East & Africa for high-quality and efficient cooling systems.



MISSION

To deliver reliable, energy-efficient cooling products and services that meet both local and international market needs.

Products & Services:

- Electric Water Heaters
- Water Coolers
- Industrial & Commercial Cooling Systems
- Central Air Conditioning Units
- Maintenance & Technical Support



About MURIYA

MURIYA is an Omani brand specializing in advanced air conditioning systems designed for performance, efficiency, and durability under Gulf climate conditions. Our products combine modern engineering with local expertise to deliver reliable comfort for homes, offices, and commercial buildings across the region.



Mini Split (R410A)

Model	Capacity (Ton)	Refrigerant
MMS12KRO	1.00	R410A
MMS18KRO	1.50	R410A
MMS24KRO	2.00	R410A
MMS30KRO	2.50	R410A
MMS36KRO	3.00	R410A



Inverter Mini Split (R32)

Model	Capacity (Ton)	Refrigerant
MMS12KINVO	1.00	R32
MMS18KINVO	1.50	R32
MMS24KINVO	2.00	R32
MMS30KINVO	2.50	R32
MMS36KINVO	3.00	R32



Ducted Split (R32)

Model	Capacity (Ton)	Refrigerant
MDS30KO	2.50	R32
MDS36KO	3.00	R32
MDS48KO	4.00	R32
MDS60KO	5.00	R32



Central Air Conditioning Systems

System Type	Description
Air/Water Cooled Chiller	High-efficiency compressors, BMS ready
Packaged Rooftop Unit	Rooftop installation, easy service access
AHU / FCU	Modular air handling & fan coil solutions

1. Inverter Mini Split Systems

High Efficiency & Advanced Control

MURIYA's Inverter series features advanced DC inverter technology to optimize energy consumption and maintain precise temperature control.

Key Features:

- Refrigerant: R32
- Wide Voltage Operation: 165V – 253V (Ensures operation during voltage fluctuations)
- Smart Functions: Golden Fin, 4-Way Swing, Turbo Mode, Sleep Mode, Auto-Restart, Timer.
- Compressors: High-quality Rotary compressors from GMCC and SANYO

Technical Specifications (Inverter)

Model	MMS12KINVO	MMS18KINVO	MMS24KINVO	MMS30KINVO
Capacity (Ton)	1.00	1.50	2.00	2.50
Cooling Capacity (T1)	12,502 Btu/h	19,600 Btu/h	24,500 Btu/h	29,000 Btu/h
Cooling Capacity (T3)	12,000 Btu/h	18,800 Btu/h	22,500 Btu/h	27,000 Btu/h
EER (T1) Btu/h/W	12.513	12.405	12.405	12.55
Power Supply	1ph 220~240V / 50Hz	1ph 220~240V / 50Hz	1ph 220~240V / 50Hz	1ph 220~240V / 50Hz
Indoor Noise (Low)	29 dB(A)	39 dB(A)	39 dB(A)	39 dB(A)
Net Dimensions (Indoor)	920×306×195 mm	1100×333×222 mm	1100×333×222 mm	1191×360×258 mm
Suitable Area	15~25 m ²	20~35 m ²	30~50 m ²	40~60 m ²



2. Mini Split Systems (On-Off / Rotary)

Robust Performance for Harsh Climates

The Standard Rotary series is designed for durability and powerful cooling in high-ambient temperatures.

Key Features:

- Refrigerant: R410A.
- Voltage Range: 198V – 264V
- Reliability: Golden Fin protection against corrosion.
- Compressors: Reliable Rotary compressors from RECHI, Highly, and GMCC.

Technical Specifications (On-Off)

Model	MMS12KRO	MMS18KRO	MMS24KRO	MMS30KRO	MMS36KRO
Capacity (Ton)	1.00	1.50	2.00	2.50	3.00
Cooling Capacity (T1)	11,630 Btu/h	18,300 Btu/h	22,900 Btu/h	28,500 Btu/h	32,000 Btu/h
Cooling Capacity (T3)	9,940 Btu/h	16,400 Btu/h	20,300 Btu/h	24,600 Btu/h	28,000 Btu/h
EER (T1) Btu/h/W	11.51	12.00	12.00	12.01	11.94
Indoor Noise (Low)	33 dB(A)	39 dB(A)	39 dB(A)	45 dB(A)	44 dB(A)
Net Dimensions (Indoor)	820×306×195	1097×332×222	1097×332×222	1186×340×258	1460×349×285
Suitable Area	15~23 m ²	20~35 m ²	30~45 m ²	40~60 m ²	45~70 m ²

3. Comparison: Inverter vs. On-Off Models

Feature	Inverter Series	On-Off (Rotary) Series	Benefit
Energy Efficiency (EER)	Higher (~12.5 Btu/h/W)	Standard (~11.5-12.0 Btu/h/W)	Inverter consumes less electricity for the same cooling.
Voltage Stability	Wide Range (165V-253V)	Standard Range (198V-264V)	Inverter handles voltage drops better without shutting down.
Operation Noise	Quieter (Low: 29 dB for 1 Ton)	Standard (Low: 33 dB for 1 Ton)	Inverter offers a quieter indoor environment.
Cooling Precision	Variable Speed Compressor	Fixed Speed Compressor	Inverter maintains stable room temperature with fewer fluctuations.

4. Ducted & Central Air Conditioning

Ducted Split Systems

Concealed cooling solutions perfect for large open spaces, offering aesthetics and performance.

- Refrigerant: R32 Inverter.
- Capacities Available: 2.5 Ton, 3.0 Ton, 4.0 Ton, 5.0 Ton.

Central Systems

Heavy-duty solutions for commercial and industrial applications.

- Packaged Rooftop Units: Easy service access and rooftop installation.
- Chillers: Air/Water cooled options, BMS ready.
- AHU / FCU: Modular designs for customized air handling.

INVERTER SPECS

Feature	Available
Golden fin	Yes
Four Way Swing	Yes
Turbo	Yes
Display	Yes
Sleep Mode	Yes
Auto-protection	Yes
Auto-restarter	Yes
ECO	Yes
Timer	Yes

Muriya Model			MMS12KINVO	MMS18KINVO	MMS24KINVO	MMS30KINVO
Type			Cooling only	Cooling only	Cooling only	Cooling only
Control type			Remote Controller	Remote Controller	Remote Controller	Remote Controller
Power supply		Ph-V-Hz	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ
Voltage Range		V	165V-253V	165V-253V	165V-253V	198V-242V
Cooling (T1)	Capacity	Btu/h	12502□3400~14300□	18600(4436~19790)	24000(4094~26272)	29000(7506~35655)
	Capacity	W	3664□1020~4200□	5451(1300~5800)	7034(1200~7700)	8499(1800~10000)
	Rated power Input	W	1000□300~1500□	1485(270~2600)	1917(280~3000)	2310(300~3650)
	Rated current	A	4.30□1.3~9.0□	8.07(1.2~13.0)	10.4(1.2~12)	14.56(1.8~16)
	EER	Btu/h/W	12.502	12.525	12.520	12.554
	EER	W/W	3.66	3.67	3.67	3.68
Cooling (T3)	Capacity	Btu/h	11500	18000	22000	27000
	Capacity	W	3370	5275	6448	7913
	Rated power Input	W	1276	1991	2433	2980
	Rated current	A	5.4	10.8	13.2	12.80
	EER	Btu/h/W	9.013	9.041	9.042	9.060
	EER	W/W	2.64	2.65	2.65	2.66
Cooling (T4) (Kuwait)	Capacity	Btu/h	10000	15500	21000	23800
	Capacity	W	2931	4543	6155	6975
	Rated power Input	W	1165	1803	2442	2750
	Rated current	A	5.0	10.4	14.1	12.5
	EER	Btu/h/W	8.584	8.597	8.600	8.655
	EER	W/W	2.52	2.52	2.52	2.54

Cooling	Max power Input	W	1500	2600	3000	3650
	Max current	A	9.0	13.0	17.0	16.0
Moisture removal		Liters/h	1.0	1.8	2.3	3.0
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9
Indoor noise level at cooling	Super	dB(A)	43	50	50	52
	High	dB(A)	41	48	48	50
	Med.	dB(A)	35	44	44	44
	Low	dB(A)	29	39	39	39
	Quite	dB(A)	26	35	35	37
Outdoor noise level		dB(A)	54	57	58	57
Climate type			T1/T3/T4	T1/T3/T4	T1/T3/T4	T1/T3/T4
Power supply			220-240V~1 Phase/50Hz	220-240V~1 Phase/50Hz	220-240V~1 Phase/50Hz	1ph 220~240V/50HZ
Refrigerant		kg	R410A/0.65Kg	R410A/0.9Kg	R410A/0.96Kg	R32/0.94
Compressor	Model		KSN98D31UEZW31	C-1RZ140H3CBF	C-6RZ210H3CDF	C-6RZ210H3CDF
	Type		Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	Sanyo	Sanyo	SANYO
Evaporator *rows			Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7
Condenser *rows			Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube
Defrosting system			Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system
Fan System						
Indoor air volume(Cooling/ Heating)		m³/h	750	1050	1050	1589
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow
Indoor fan motor	model		22001-000562 DC	22001-000240 DC	22001-000240 DC	22001-000726 DC
	brand		WELLING/LT/Tongde	WELLING/Broad-ocean/Tongde	WELLING/Broad-ocean/Tongde	WELLING
Outdoor fan type			Propeller	Propeller	Propeller	Propeller
Outdoor fan motor	model		22001-000555 DC	22001-000493 DC	22001-000602 DC	22001-000643 DC
	brand		WELLING/LT/Broad-ocean/Tongde	Weling/Broad-ocean	LT	Wolong
Outdoor fan speed		rpm	1000	1000	850	850
Connections						
Connecting Pipe	Gas	Inches	φ9.52(3/8")	φ12(1/2")	φ15.88(5/8")	φ15.88(5/8")
	Liquid	Inches	φ6(1/4")	φ6(1/4")	φ6(1/4")	φ6(1/4")

Connecting Wiring	Size x Core number		4x1.0	4x1.5	4x0.75	4x0.75
DraiN.Age Pipe			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Others						
Suitable area		m ²	15~25	20~35	30~50	40~60
Net dimensions (W x Dx H)	Indoor	mm	920×306×195	1100×333×222	1100×333×222	1191×360×258
	Outdoor	mm	795×305×550	853×349×602	920×380×699	920×380×699
Net weight	Indoor	kg	10	14	15	16
	Outdoor	kg	22	29	36	37.5
Packing dimensions (W x D x H)	Indoor	mm	990×380×265	1165×405×295	1165×405×295	1260×430×328
	Outdoor (without piping)	mm	835×328×575	890×385×628	949×392×732	960×430×732
	Outdoor (with piping)	mm	835×340×585	890×385×628	960×430×732	960×430×732
Gross weight	Indoor	kg	12	18	21	19
	Outdoor (without piping)	kg	25	32	40	41.5
	Outdoor (with piping)	kg	26	34	43	45.5
Stuffing qty	40'HQ (without piping)	sets	250	180	150	130
	40'HQ (with piping)	sets	250	180	150	130



ROTARY (ON-OFF) SPECS

Feature	Available
Golden fin	Yes
Four Way Swing	Yes
Turbo	Yes
Display	Yes
Sleep Mode	Yes
Auto-protection	Yes
Auto-restarter	Yes
ECO	Yes
Timer	Yes

Muriya Model		MMS12KRO	MMS18KRO	MMS24KRO	MMS30KRO	MMS36KRO	
Type		Cooling only	Cooling only	Cooling only	Cooling only	Cooling only	
Control type		Remote Controller	Remote Controller	Remote Controller	Remote Controller	Remote Controller	
Power supply	Ph-V-Hz	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	
Voltage Range	V	198~264	198~264	198~264	198~264	198~264	
Cooling (T1)	Capacity	Btu/h	11630	18300	22900	28500	32000
	Capacity	W	3409	5363	6712	8353	9379
	Rated power Input	W	1010	1524	1907	2373	2680
	Rated current	A	4.0	6.70	8.40	10.4	11.8
	EER	Btu/h/W	11.515	12.008	12.008	12.010	11.940
	EER	W/W	3.37	3.52	3.52	3.52	3.50
Cooling (T3)	Capacity	Btu/h	9940	16400	20300	24600	28000
	Capacity	W	2913	4807	5950	7210	8206
	Rated power Input	W	1200	1820	2253	2860	3256
	Rated current	A	5.1	8.0	9.9	12.5	14.3
	EER	Btu/h/W	8.283	9.011	9.010	8.601	8.600
	EER	W/W	2.43	2.64	2.64	2.52	2.52

Cooling (T4) (Kuwait)	Capacity	Btu/h	9750	15200	19400	23800	27000
	Capacity	W	2858	4426	5642	6975	7913
	Rated power Input	W	1216	1877	2395	2933	3333
	Rated current	A	5.2	8.2	10.4	12.9	14.6
	EER	Btu/h/W	8.018	8.098	8.100	8.115	8.101
	EER	W/W	2.35	2.37	2.37	2.38	2.37
Cooling	Max power Input	W	1596	2300	2500	3600	3850
	Max current	A	7.1	12.5	13.0	18.0	17.0
Moisture removal		Liters/h	1.3	1.8	2.1	2.1	3.8
Pressure	High(DP)	MPa	4.5	4.5	4.5	4.5	4.5
	Low(SP)	MPa	1.9	1.9	1.9	1.9	1.9
Indoor noise level at cooling	Super	dB(A)	44	51	52	54	55
	High	dB(A)	42	46	48	51	51
	Med.	dB(A)	37	43	44	48	47
	Low	dB(A)	33	39	39	45	44
	Quite	dB(A)	30	38	38	43	43
Outdoor noise level		dB(A)	54	55	55	58	59
Climate type			T1/T3/T4	T1/T3/T4	T1/T3/T4	T1/T3/T4	T1/T3/T4
Power supply			1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ	1ph 220~240V/50HZ
Refrigerant		kg	R410A/0.86Kg	R410A/0.75Kg	R410A/1.08Kg	R410A/1.5 kg	R410A/2.1kg
Compressor	Model		44A253GK-FEKC	ASL180MV-C7EUT	ASG225V1SKP	ATH290MV-C8FU	ATH325MV-C9EU
	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Brand		RECHI	Highly	GMCC	Highly	Highly
Evaporator *rows			Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7	Hydrophilic & Louver Fin; Innergroover tube type φ7
Condenser *rows			Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	Louver or Corrugated Fin; Innergroover tube type φ5 or φ7
Expansion device			Capillary tube	Capillary tube	Capillary tube	Capillary tube	Capillary tube
Defrosting system			Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system	Microcomputer controlled reverse system
Fan System							
Indoor air volume(Cooling/ Heating)		m³/h	650	1200	1200	1400	1800
Indoor fan type			Cross flow	Cross flow	Cross flow	Cross flow	Cross flow

Indoor fan motor		model	22001-000262	22001-000260	22001-000318	22001-000240	22001-000254(DC)
		brand		WELLING/Broad-ocean	WELLING/Broad-ocean	WELLING/Broad-ocean	Broad-ocean
Outdoor fan type			Propeller	Propeller	Propeller	Propeller	Propeller
Outdoor fan motor		model	22001-000024	22001-000088	22001-000088	22001-000147	22001-000147
		brand		WELLING/Broad-ocean	WELLING/Broad-ocean	WOLONG	WOLONG
Outdoor fan speed		rpm	860	890	890	850	850
Connections						4×0.75	4×0.75
Connecting Pipe	Gas	Inches	φ9.52(3/8")	Φ12(1/2")	Φ15.88(5/8)	Φ15.88(5/8)	Φ19(3/4")
	Liquid	Inches	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")	Φ9.52(3/8")
Connecting Wiring	Size x Core number		3×1.0 2×0.75	3×1.5	3×1.5	4×0.75	4×0.75
DraiN.Age Pipe			O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm	O.D 16mm
Others							
Suitable area		m ²	15~23	20~35	30~45	40~60	45~70
Net dimensions (W x Dx H)	Indoor	mm	820×306×195	1097×332×222	1097×332×222	1186×340×258	1460×349×285
	Outdoor	mm	787×290×498	920×380×699	920×380×699	967×421×803	967×421×803
Net weight	Indoor	kg	9	14	15	19	24
	Outdoor	kg	28	43	45	55	64
Packing dimensions (W x D x H)	Indoor	mm	890×380×265	1165×405×295	1165×405×295	1265×420×337	1565×455×355
	Outdoor (without piping)	mm	818×325×515	949×392×732	949×392×732	1022×480×835	1022×480×835
	Outdoor (with piping)	mm	818×325×515	950×420×732	950×420×732	1022×480×835	1022×480×835
Gross weight	Indoor	kg	11	18	19	23	29
	Outdoor (without piping)	kg	32	44	47	58	69
	Outdoor (with piping)	kg	33	45	50	62	71
Stuffing qty	40'HQ (without piping)	sets	280	150	150	105	92
	40'HQ (with piping)	sets	280	150	150	105	92

Premium Air Conditioners

Advanced Cooling Technology





CONTACT INFORMATION

Engineering Industries SFZ

Address:
P.O. Box 29, Postal Code: 211, Salalah
Free Zone, Sultanate of Oman.

Phone: +968 76305050
Website: www.muriyaoman.com
Email: info@muriyaoman.com

 Muriya.oman |  Muriyaoman |  Muriyaoman