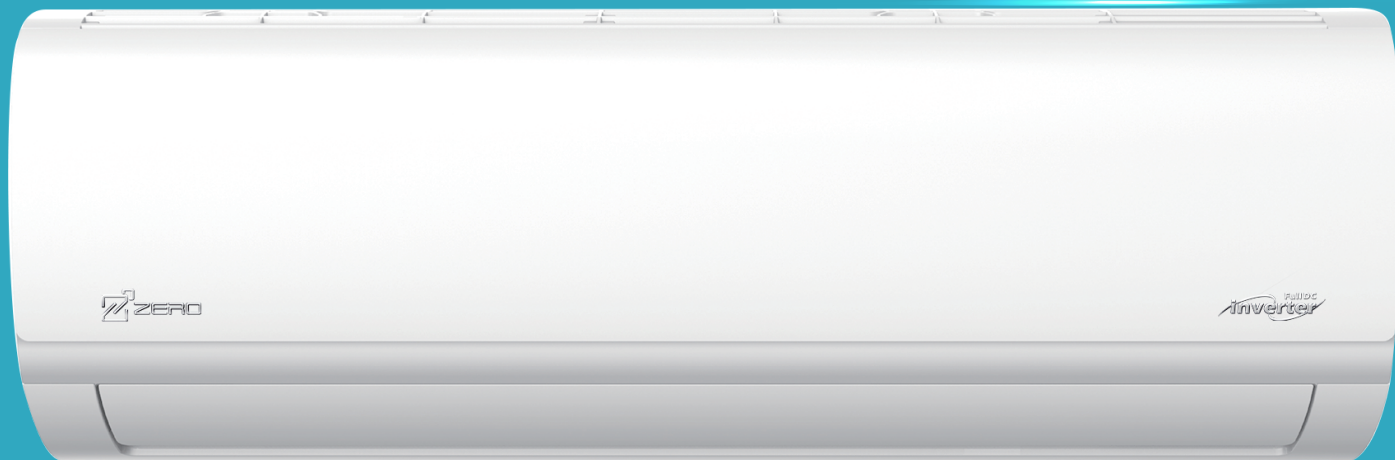




50Hz



MINI SPLIT AIR CONDITIONER

COOLING ONLY & HEAT PUMP
220~240V

Full DC
inverter



WIRELESS CONNECTION

Optional
Accessories



R410A

R410A



GOLD FIN



EMERGENCY
USING



FIRE-PROOF
ELECTRIC BOX



REFRIGERANT
LEAKAGE DETECT



DIGITAL
DISPLAY



2-WAY
DRAINING



HIGH DENSITY
FILTER



LOUVER POSITION
MEMORY

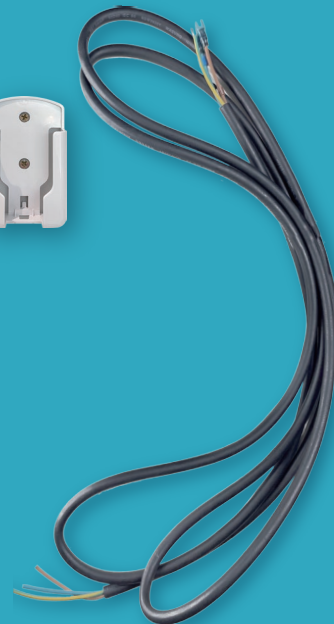
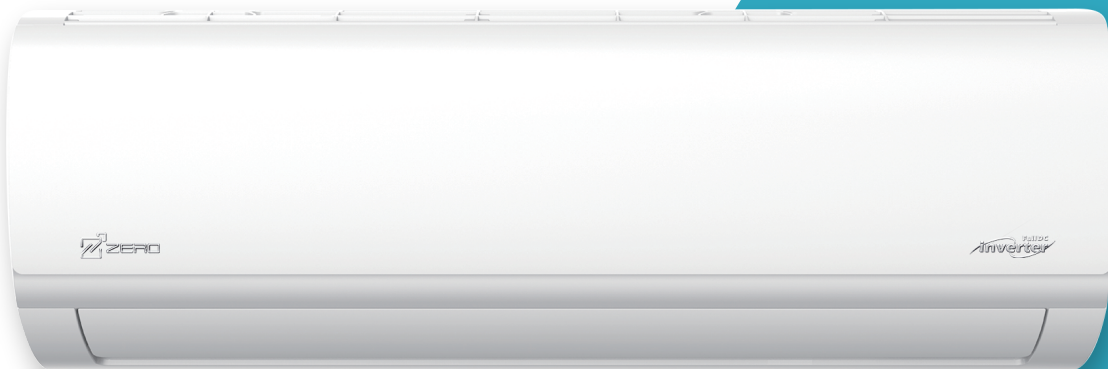
50Hz Mini Split Specification

INVERTER SPLIT (Cooling only 50Hz)

Model (Indoor,Outdoor)			ZMSA-09CV	ZMSA-12CV	ZMSA-18CV	ZMSA-24CV
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	830	1200	1850	2250
	Rated current	A	5.0	5.5	8.5	10.4
	EER	W/W	3.18	2.93	2.85	2.74
Rated Power Input		W	2000	2000	2700	3000
Rated Current		A	10.0	10.0	13.5	14.5
Starting current		A	-	-	/	/
Indoor air flow (Hi/Mi/Lo)		m ³ /h	460/410/300	560/410/330	842/681/555	1005/802/650
Indoor noise level (Hi/Mi/Lo)		dB(A)	37/34/27	41.5/34.5/31.5	44/39/33	47.0/41/36.0
Outdoor air flow		m ³ /h	1800	1800	2100	2300
Outdoor noise level		dB(A)	55.5	55.5	57	59
Refrigerant type		Kg	R410A/0.49	R410A/0.57	R410A/0.72	R410A/1.05
Indoor unit	Dimension(W*D*H)	mm	715x200x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x285x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	Kg	7.4/9.5	8.0/10.2	10.5/13.4	13.6/17.0
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Net/Gross weight	Kg	21.9/23.7	21.9/23.7	26.3/28.6	30.3/33.0
Qty' per 20' /40' /40'HQ			137/284/312	132/274/305	90/190/222	83/169/199

INVERTER SPLIT (Heat pump 50Hz)

Model (Indoor,Outdoor)			ZMSA-09HV-VN	ZMSA-12HV-VN	ZMSA-18HV-VN	ZMSA-24HV-VN
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	822	1045	1755	2510
	Rated current	A	3.6	4.5	7.6	10.9
	EER	W/W	3.21	3.21	3.01	2.80
Heating	Capacity	Btu/h	10000	12600	18000	25000
	Input	W	812	1023	1505	2440
	Rated current	A	3.6	4.4	6.5	10.6
	COP	W/W	3.61	3.61	3.51	3.00
Rated Power Input		W	2300	2250	2800	3600
Rated Current		A	10.5	10.5	13.5	16
Starting current		A	0	0	0	0
Indoor air flow (Hi/Mi/Lo)		m ³ /h	417/319/256	525/425/320	835/655/525	980/817/662
Indoor noise level (Hi/Mi/Lo)		dB(A)	36.5/30.5/24.0	39.5/35.5/26	43.5/38.5/32.5	44/40.5/35.5
Outdoor air flow		m ³ /h	1800	1800	2500	3500
Outdoor noise level		dB(A)	55.0	55	56.5	57.5
Refrigerant type		Kg	R410A/0.63	R410A/0.57	R410A/0.74	R410A/1.28
Indoor unit	Dimension(W*D*H)	mm	715x194x285	715x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x365	780x270x365	1035x295x385	1120x405x315
	Net/Gross weight	Kg	7.5/9.5	7.6/9.7	10.6/13.4	12.3/15.8
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	22.8/24.8	23.5/25.3	32.6/35.3	44.4/48.0
Qty' per 20' /40' /40'HQ			138/284/312	138/284/312	84/180/208	66/137/156



**Optional
Accessories**

**50Hz Mini Split
Inverter Cooling Only**