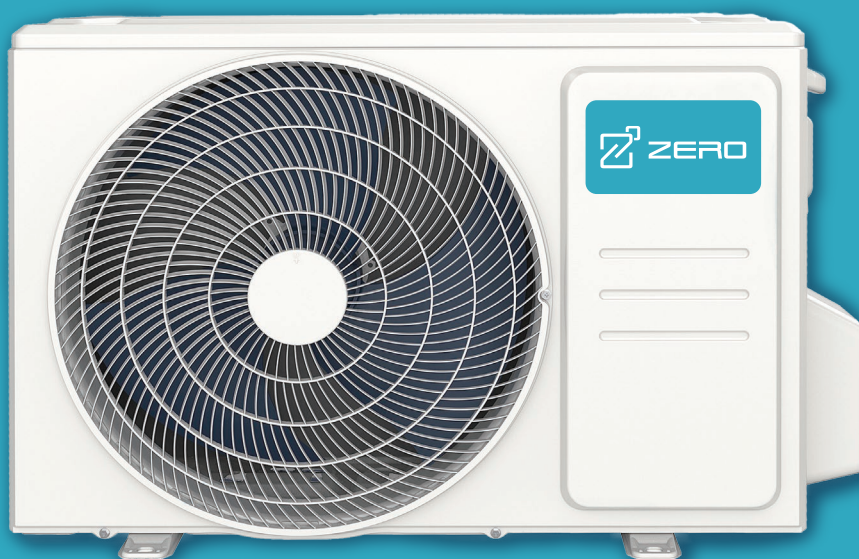
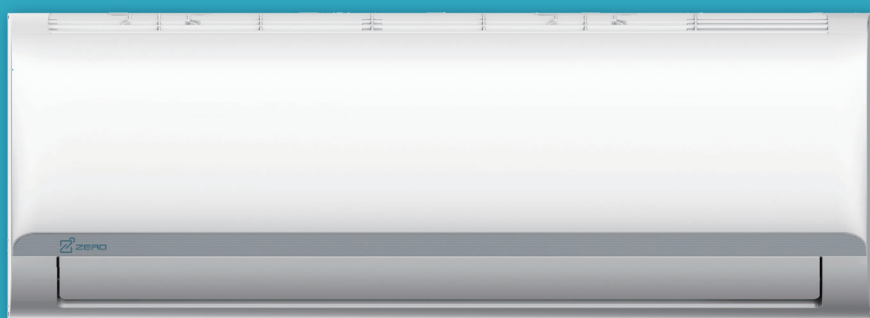




50Hz ON/OFF MINI SPLIT

220 ~ 240 V

- COOLING ONLY
- HEAT PUMP



GOLD FIN



FIRE-PROOF
ELECTRIC BOX



EMERGENCY USING



HIGH DENSITY
FILTER



LOUVER POSITION
MEMORY



MANUAL ON/OFF



REFRIGERANT LEAKAGE
DETECT



MUTE OPERATION

**Optional
Accessories**



50Hz Mini Split Specification

ON/OFF SPLIT (Cooling only 50Hz)

Model (Indoor,Outdoor)			ZMSA-09CN	ZMSA-12CN	ZMSA-18CN	ZMSA-24CN
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	939	1070	1740	2015
	Rated current	A	4.09	4.7	7.7	9
	EER	W/W	2.81	3.01	3.03	3.20
Rated Power Input		W	1350	1650	2200	3250
Rated Current		A	7.5	7.5	11.6	17
Starting current		A	20	25	38	42
Indoor air flow (Hi/Mi/Lo)		m ³ /h	480/380/270	566/440/349	760/630/520	1020/815/680
Indoor noise level (Hi/Mi/Lo)		dB(A)	41.0/35.0/28.0	38.5/33/28.5	42.5/37/31.5	47.5/42.5/38
Outdoor air flow		m ³ /h	1800	1800	2100	2500
Outdoor noise level		dB(A)	52.5	53.5	55.5	57.5
Refrigerant type		Kg	R410A/0.42	R410A/0.43	R410A/0.65	R410A/1.1
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	Kg	7.4/9.4	8.1/10.2	10.6/13.5	13.6/16.8
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Net/Gross weight	Kg	23.2/25.0	25.2/27.2	31.6/34	40.5/42.7
Qty' per 20' /40' /40'HQ			138/284/312	132/274/305	90/190/222	83/169/199

ON/OFF SPLIT (Heat pump 50Hz)

Model (Indoor,Outdoor)			ZMSA-07HN	ZMSA-09HN	ZMSA-12HN	ZMSA-18HN	ZMSA-24HN
Power supply		Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	Btu/h	7500	9000	12000	18000	24000
	Input	W	684	1010	1291	1773	1950
	Rated current	A	3.0	4.5	5.8	7.71	8.5
	EER	W/W	3.2	2.61	2.61	2.81	3.21
Heating	Capacity	Btu/h	7500	9000	11500	16550	22000
	Input	W	608	940	1199	1610	1970
	Rated current	A	2.7	4.2	5.4	7	8.6
	COP	W/W	3.61	2.81	2.81	3.01	3.27
Rated Power Input		W	1150	1400	1850	3000	2600
Rated Current		A	6.7	8	10	16	15
Starting current		A	18.5	23	25	42	42
Indoor air flow (Hi/Mi/Lo)		m ³ /h	436/360/280	499/370/293	570/450/360	808.8/646.8/559.6	997/792/638
Indoor noise level (Hi/Mi/Lo)		dB(A)	38.5/32.5/25.5	41/34/27.5	41/35.5/29	43.5/38/34	44/40.5/36.5
Outdoor air flow		m ³ /h	1800	1800	1800	2500	3650
Outdoor noise level		dB(A)	54	55.5	56.5	56.5	60
Refrigerant type		Kg	R410A/0.63	R410A/0.57	R410A/0.74	R410A/1.28	R410A/1.7
Indoor unit	Dimension(W*D*H)	mm	715x194x285	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x365	780x270x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	Kg	7.4/9.5	7.6/9.6	8.5/10.6	11/13.9	13.2/16.2
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	835x300x540	915x370x615	995x398x740
	Net/Gross weight	Kg	24.6/26.5	25.1/26.8	25.3/27.1	37.6/40.2	50/53.2
Qty' per 20' /40' /40'HQ			138/284/312	138/284/312	132/274/305	84/180/208	66/137/156