



Contura FG wall mounted split conditioner (Inverter type)

*MZW Series
2.6 - 6.3 kW
R410A*



Standard features

- Turbo mode for rapid cooling
- Wide angle air outlet system
- 4-speed fan
- Timer control
- Humanized sleep function
- Independent dehumidification system
- Fixed and swing louvers
- Intelligent defrosting



Optional Features

- Quiet design efficiently reduces operation noise
- Cold plasma generator can sterilize, disinfect and decompose odor in room
- Several optional health filters provide better indoor air quality

Silver ion filter

Silver ion filter is a new kind of high-efficient sterilizing products. Silver ion is a colorless and tasteless ion that brings none side effect, irritation, pollution, drug-tolerance or volatilization. Since the ion recycles itself after sterilizing, it is durable and can effectively stop bacteria from growing. Besides long time sterilizing silver ion filter is environmental-friendly, safe, but contains strong activity (able to kill more than 99% bacteria).



Biological anti-bacterial filter

This filter is a new purifying material with excellent sterilizing and dust-collecting ability. When air passing the filter, dust and bacteria are adhered on the surface of filter where there is a bio-bactericide to Escherichia coli and Staphylococcus aureus is above 95%.

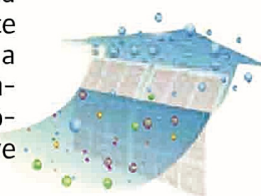
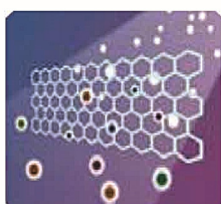


Photo catalyst filter

Photo catalyst filter is functioned by deodorant, bacterial-killing, recycling effect under the light. It can effectively purify the air and keep it fresh. TiO₂ contained has strong photo catalyst effect but is environmental-friendly. It is able to get rid of more than 90% acetic, formaldehyde, and ammonia, and more than 70% regenerate injurant.



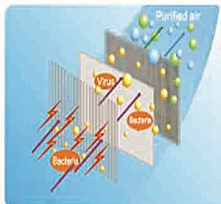
Catechin filter

Catechin is an additive with excellent anti-oxidization and powerful sterilization that abstracts from natural green tea. After functions of a series of enzyme, benzene ring is generated to absorb and eliminate odor and injurant in air. Catechin filter is good at long-time sterilizing and filtering dust. Its bacteriosis to Escherichia coli and Staphylococcus aureus is above 95%.



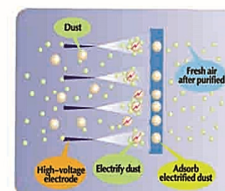
LTC catalyst filter

LTC catalyst filter is able to purify indoor air under room temperature and condition. Since it is a rich pore material, it can maximize the contact area with air flow and greatly enhance adsorbing efficiency and saturation capacity but create no second pollution. LTC catalyst filter is catalyzing and decomposing up to 80% ammonia, hydrogensulphide, and aldehyde indoor.



Electrostatic dedusting

Applying high-voltage electrostatic technology, dust passing by is charged as charged particle. Thanks to the wind power created by air conditioner, charged particles move fast and are trapped and filtered by electret fibre. Electrostatic deduster can collect 85% dust including different kinds of powder, smog and even very tiny material (not smaller than 0.1µm).



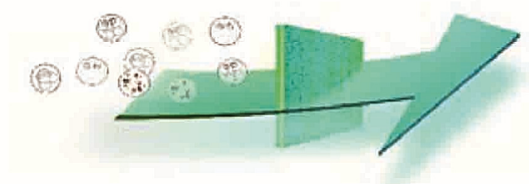
Anion generator

According to study from hygienics, anion is good at sedating, working up an appetite, lowering blood pressure and refreshing. Applying anion for resident use can get rid of dust and bacteria effectively and obtain a comfortable and clean environment.



Bacterial-killer filter

When passing the filter, dust, aerosol and microbe are adhered on the surface of filter. Further more, when microbe contacts with the antimicrobial on the surface of the filter, their cell wall break and then die. That is how the filter sterilizes. Bacterial-killer filter works in rough filtering and sterilizing, especially in sterilizing all kinds of fungus like bacteria, epiphyte and microzyme.



Active carbon filter

Active carbon is an excellent adsorber with dual characteristics of physical and chemical adsorbing, and it is available to adsorb things and liquid selectively. With the advantages of in air active carbon, this filter is good at adsorbing, and is able to adsorb injurious gas like benzene formaldehyde and ammonia in short time.

Special features

Sine-wave D.C. inverter technology

Comparing with conventional square wave inverter, sine wave inverter is controlled by 180 degree conduction that leads a continuous rotating magnetic flux. Thus, its control is more stable and noise is lower since torque ripple is smaller.



Specifications:

Heat Pump, Single Split, Inverter Type.

Model	Indoor Model		4MZW3509HBAAA	4MZW3512HBAAA	4MZW3518HBAAA	4MZW3524HBAAA
	Outdoor Model		4TZK3509HBAAA	4TZK3512HBAAA	4TZK3518HBAAA	4TZK3524HBAAA
Electrical Data	Power Supply	V/Ph/Hz	220-240/1/50			
Performance Data	Nominal Capacity	Cooling (W)	2600 (350-3000)	3500 (950-4000)	5200 (650-6000)	6300 (700-7000)
		Heating (W)	2800 (748-3500)	3850 (880-4300)	5850 (900-7000)	6300 (950-8000)
	Power Input	Cooling (W)	730	980	1590	1930
		Heating (W)	780	1070	1790	1930
	EER	Cooling (W/W)	3.56	3.57	3.27	3.26
	COP	Heating (W/W)	3.59	3.60	3.27	3.26
	Rated Current	Cooling (A)	3.2	4.3	7.1	8.56
		Heating (A)	3.5	4.7	7.9	8.56
	Dehumidifying Volume	L/h	0.8	1.2	1.8	2.5
	Air Flow (SH/H/M/L)	CMH	580/500/400/300	600/500/400/300	850/780/650/550	950/800/700/550
Indoor Units						
Fan Motor	Speed (SH/H/M/L)	Cooling/RPM	1260/1070/900/730	1290/1070/900/690	1260/1050/920/730	1260/1100/950/750
		Heating/RPM	1100/1000/900/750	1280/1050/950/880	1320/1200/1100/1000	1320/1200/1100/950
Fan	Type		Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan
	Fan Motor Output	W	20	20	20	35
Sound Data	Sound Pressure Level	dB(A) (SH/H/M/L)	40/37/35/32	42/39/36/33	46/44/40/35	51/45/42/39
Dimensions	Outline (WxHxD)	mm	845x275x180	845x275x180	940x298x200	1007x315x219
Weight	Net/Shipping	kg	11/14	11/14	13/17	16/21
Outdoor Units						
Expansion Device			Capillary	Capillary	Capillary	Capillary
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Power Input	W	850	985	1245	1245
Fan Motor	Speed	RPM	830	900	700	780
Fan	Type-Number		Axial-1	Axial-1	Axial-1	Axial-1
	Fan Motor Output	W	30	30	60	60
Sound Data	Sound Pressure Level	dB(A)	50	52	56	56
Dimensions	Outline (WxHxD)	mm	776x540x320	848x592x320	955x700x396	955x700x396
Weight	Net/Shipping	kg	32/36	36/39	44/49	50/55
Refrigerant Pipe size	Gas	mm	9.52	9.52	12	16
	Liquid	mm	6	6	6	6
Refrigerant Charge	R410A	kg	0.87	1.26	1.20	1.90

(1) Performance Capacity @ ARI Conditions 35°C Ambient 27°C DB & 19°C WB

(2) Sound data @ distance of 1 Meter from source



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