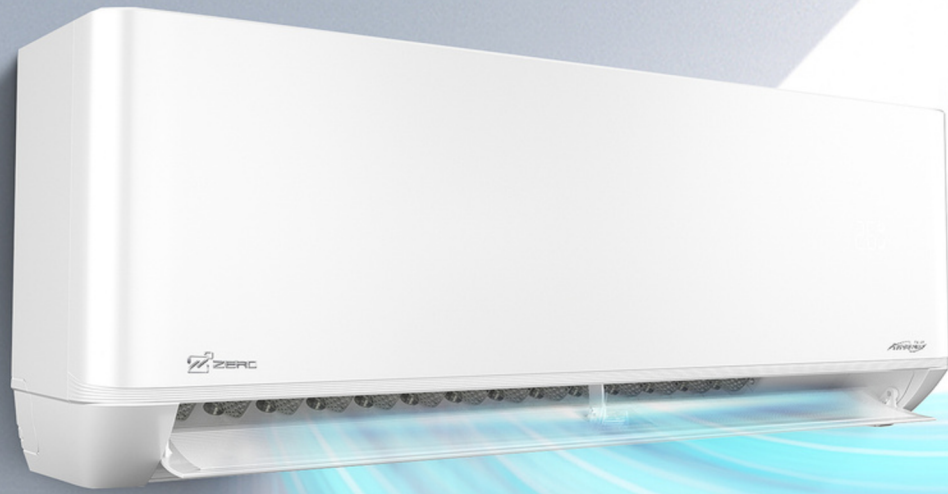




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MAX SERIES

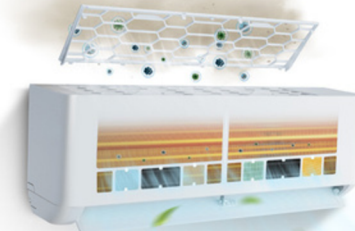
Z-MAX US HYPER HEAT R454B SERIES

Full DC
inverter



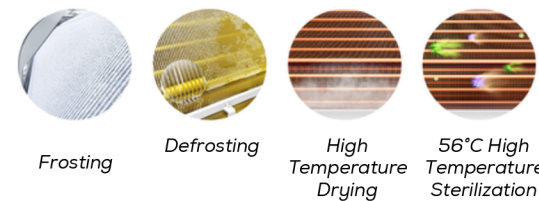
Top opened Dust Filter of IDU

It is applied top opened filter that is integrated with high density filter. Also, it is optional to have multiple combination of healthy filters for effective air filtering in the room.



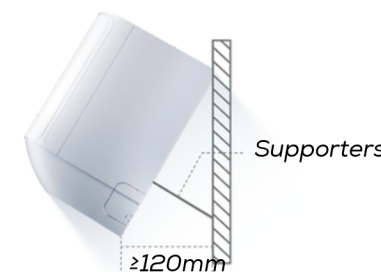
High Temperature Self-cleaning & Sterilization

*Heat Pump DC Inverter Only
* Optional



Easy Installation Supporter for IDU Plate

Optimized Installation Plate



Convenient Installation

- Gap ≥120 MM
- Supporters Available

Low Temperature Heating

-25°C Ambient: Still can work stable.



Deep Easy Clean for IDU Air-channel

The bottom plate, louver & vanes can be easily disassembled & assembled within 20", Which will be easy to clean the duct system, including wiping the cross fan when it is power o .



USB-WIFI Control to Alexa and Google Dot

Users can easily control the air-con outside the house via smart device. Through cloud data analysis and voice command, the unit can be controlled by voice, through the Alexa and Google Dot



55oC High Temperature Self-cleaning

*Heat Pump Only



Evaporator is frosted to freeze the dirt on the fin then starts defrosting to generate a large amount of water to brush away the dirt. After 55 quick-drying, the evaporator becomes cleaner & more sterile.



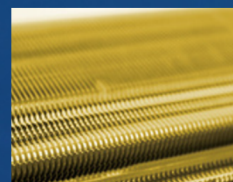
Frosting



Defrosting



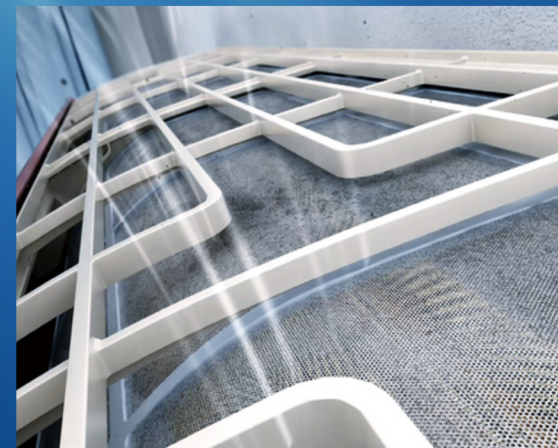
55°C High Temperature Drying



Cleaner & More Sterilized

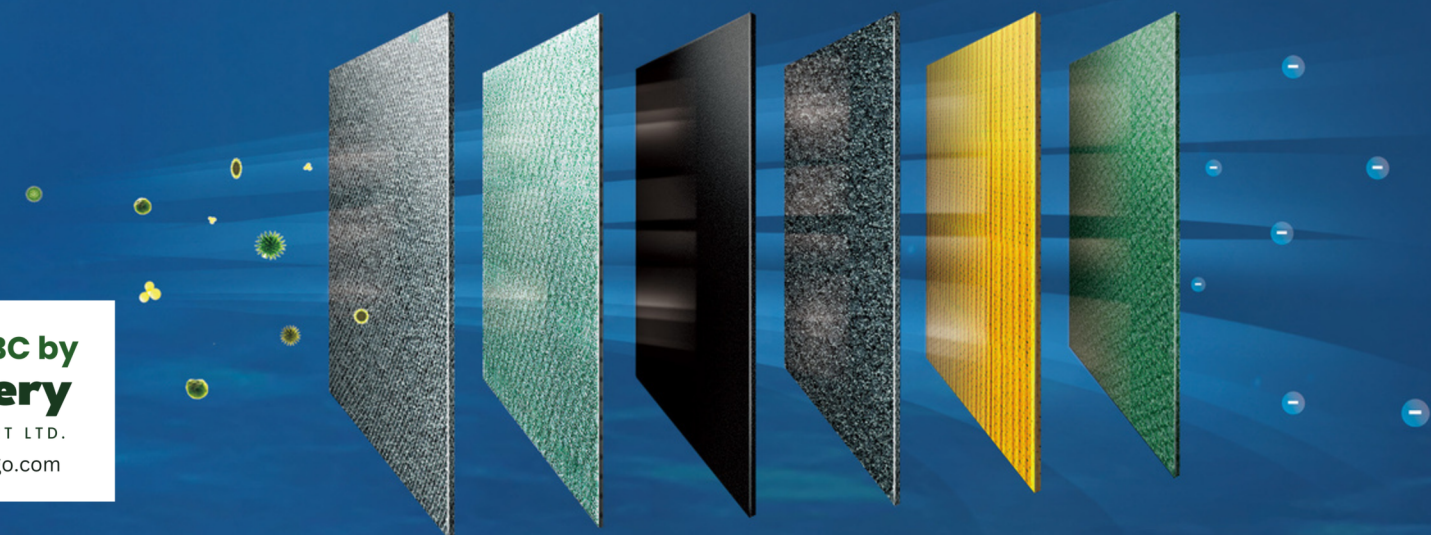
Filter-cleaning Reminder

After running for a particular period, the air-con will automatically detect the cleanliness of the filter and remind users of filter cleaning to avoid too much bacteria being accumulated on the filters and provide users with healthy air.



Healthy Filter

-  Photocatalyst Filter
-  Silver ion Filter
-  Active Carbon Filter
-  Catechin Filter
-  Vitamin C Filter
-  Catalyst Filter



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Technical Specification of Z-MAX US Hyper Heat R454B Series--24 SEER2

ZERO Model			ZMSB-09HVT110-USHHR2	ZMSB-12HVT110-USHHR2	Z MSB -0 9H VT-U SH H R 2
Power supply			115V~/60Hz/1P	115V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	9000	12000	9000
	EER2 (95F/35C) SEER2	Btu/W.h	13.0	12.5	13.0
	Rated Heating capacity(47F/8.3C)	Btu/W.h	24.0	22.0	24.0
Rated Heating	HSPF2 Rating (Region IV)	Btu/h	10000	12000	10000
	COP2 (47F/8.3C)	Btu/W.h	10	9.5	10
	Max. Heating capacity (5°F/-15°C)	W/W	3.81	3.61	3.81
	COP2 (5°F/-15°C)	W/W	7700	8950	7700
		W/W	2.0	2.0	2.0
NEEP, Canada			YES	YES	YES
Max. Fuse size		A	25	25	15
Moisture removal		Liters/h	1.1	1.6	1.1
MXimum Operation Pressure		PSIG	550	550	550
Indoor Packing dimensions (W x D x H)		mm	890×380×265	990×380×265	890×380×265
		inch	35.04×14.96×10.43	38.98×14.96×10.43	35.04×14.96×10.43
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	8 5 2x35 8 x6 10	8 5 2x35 8 x6 10	8 5 2x35 8 x6 10
		inch	33.54x14.09x24.02	33.54x14.09x24.02	33.54x14.09x24.02
Loading Capacity (IN+OUT)		40'HC (with pipe)	229	224	229
Loading Capacity (INLOOR)		40'HC/ 40'GP/ 20'GP	713/610/287	650/556/260	713/610/287
Loading Capacity (OUT)		40'HC/ 40'GP/ 20'GP(with pipe)	344/258/120	344/258/120	344/258/120
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16 ~ 31	16 ~ 31	16 ~ 31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)	F	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor(cooling/heating)	F	5~131/-13~86	5~131/-13~86	5~131/-13~86

ZERO Model			Z MSB -1 2H VT-U SH H R 2	ZMSB-18HVT-USHHR2	Z MSB -24H VT-U SH H R 2
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	12000	18000	24000
	EER2 (95F/35C) SEER2	Btu/W.h	13.0	13.0	11.7
	Rated Heating capacity(47F/8.3C)	Btu/W.h	23.0	22.0	20.0
Rated Heating	HSPF2 Rating (Region IV)	Btu/h	12000	18500	24000
	COP2 (47F/8.3C)	Btu/W.h	9.5	9.3	9.3
	Max. Heating capacity (5°F/-15°C)	W/W	3.61	3.61	3.21
	COP2 (5°F/-15°C)	W/W	8950	136 0 0	17400
		W/W	2.0	2.0	1.8
NEEP, Canada			YES	YES	YES
Max. Fuse size		A	15	20	30
Moisture removal		Liters/h	1.6	2.2	2.6
MXimum Operation Pressure		PSIG	550	550	550
Indoor Packing dimensions (W x D x H)		mm	990×380×265	1165×405×295	1165×405×295
		inch	38.98×14.96×10.43	45.87×15.95×11.61	45.87×15.95×11.61
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	8 5 2x35 8 x6 10	960×430×750	1028×485×850
		inch	33.54x14.09x24.02	37 .7 9 x16 .9 2x29 .5 3	40.47x19.09x33.46
Loading Capacity (IN+OUT)		40'HC (with pipe)	224	150	117
Loading Capacity (INLOOR)		40'HC/ 40'GP/ 20'GP	650/556/260	498/422/204	498/422/204
Loading Capacity (OUT)		40'HC/ 40'GP/ 20'GP(with pipe)	344/258/120	189/187/89	144/96/44
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	20 / 65	20 / 65
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16 ~ 31	16 ~ 31	16 ~ 31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)	F	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor(cooling/heating)	F	5~131/-13~86	5~131/-13~86	5~131/-13~86



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