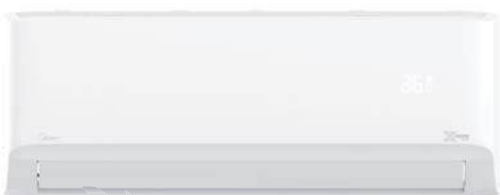




make yourself at home

PRODUCT CATALOGUE

2024



R32 Non Inverter Wall Mounted Split

Outstanding cooling performance even under extreme conditions



Turbo Mode

Turbo mode delivers cool and refreshing air with a single touch.



Remote with 'Follow Me'



Remote without 'Follow Me'

Follow Me, Sensitive Cooling for Your Surrounding

'Follow Me' keeps you comfortable by measuring the air temperature around you. Keep the remote close to you, and it will measure the surrounding temperature to deliver perfectly adjusted cooling.

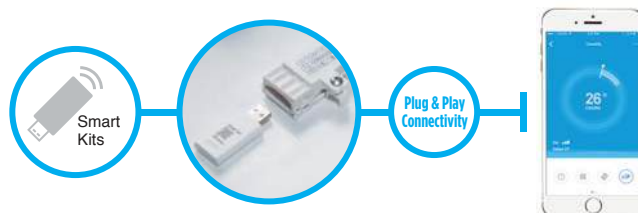
SMART TECHNOLOGY

Control Your AC, Anytime and Anywhere

WIFI Control (Optional)

Wherever you are, you can keep your home comfortable using the SmartHome App.

Start up your air conditioner on the way home to enjoy crisp, cool air the moment you walk in the door. The possibilities for comfort and convenience are endless.



Smart WiFi CONTROL Wherever You Are

Simply download the MideaAIR app to control your home's air conditioning at anytime and from anywhere for ultimate convenience and peace of mind. Help your kids or grandparents operate the air conditioning, even when you're not at home.



Smart Diagnosis

Run an automatic physical exam of your AC unit to detect any potential malfunctions, and guard against failures.



Smart Sleep Curve

Set the most appropriate temperature curve for you and your family members. There're default modes for selection, or you can customize your own one.

HEALTHY

Experience the air magic with Super Ionizer

Upon starting up, the air magic built-in device generates ions to remove airborne bacteria and dust. Making sure every breath take in clean, fresh and healthy air.



Cold Catalyst Filter

Dual Filtration Technology

Cold Catalyst filtration system thoroughly eliminates harmful substances and decomposes a variety of harmful gases, providing clean and healthy air for you.

STEP 1: High Density Pre Filter

Density pre filter can effectively prevent large particles such as pet hair, dust and other airborne particles.

Dust



Dog hair



Dead mite feces



Fung



STEP 2: Micro Protection Filter

Cold catalyst filter can catalyze the reaction of various harmful gases, such as formaldehyde, ammonia, benzene, TVOC and hydrogen sulfide.

Pollen (Allergen), smoke, micro dust (under 0.3um)



Flower pollen



Bacteria



Car exhaust fumes



Smoke

CONVENIENCE

Louver Position Memory Function

When you start the unit, the angle of horizontal louver will automatically move to the same position as you set previously.



2-Ways Piping Connection

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose.



Refrigerant Leakage Detection

The system will stop operation automatically to ensure safety once the refrigerant leakage is detected.

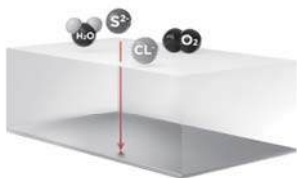
BUILT TO LAST

Prime Guard HYPER GRAPFINS

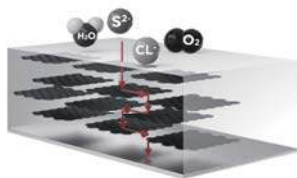
12.5X* Corrosion Resistance
than Blue Fin

* The judgment standard of corrosion resistance is based on comparing the maximum corrosion area ratio of the rating number in JIS Z 2371-2015. Compared samples are Midea fins.

Ordinary Coating

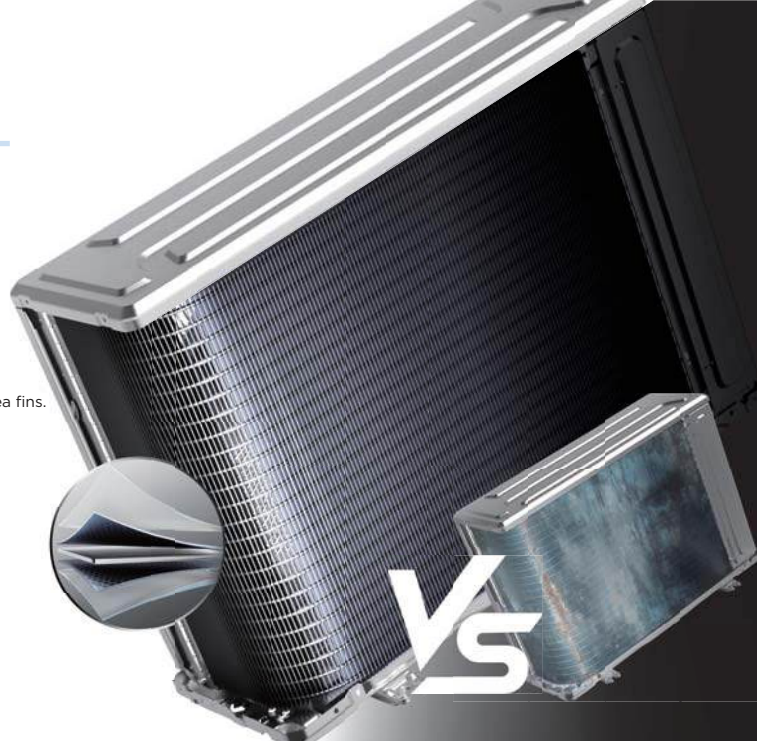


HYPER GRAPFINS



Graphene is a single monolayer of carbon atoms, tightly bound in a hexagonal honeycomb lattice.

When graphene is added to the anti-corrosion layer, the density of the layer can be improved to resist corrosion.



First Test Standard

20 to 50-year
-corrosion-resistance fin

Depended on the using industrial environment with salt contamination.



Verified by **Intertek**
Total Quality Assured.

(Ref. ISO 21207: 2015, Annex A, test method B)

Second Test Standard

Midea Exclusive
Anti-aging Technology Test

After 240 hours UV test and 72 hours neutral salt spray(fog) test

HYPER GRAPFINS

0.02% | corrosion area*

12.5X | corrosion resistance than blue fin

*Compared samples are Midea fins



Third Test Standard

Stand Up to
Neutral Salt Spray
Test for 1500h

TU1 CORROSION-RESISTANCE COPPER TUBE



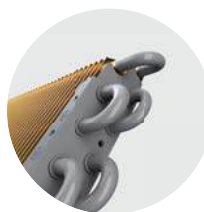
Advanced material technologies create a more uniform microstructure of TU1 copper tubes. TU1 contains more high-density copper and 70% less impurities than ordinary tubes. Most coated tubes have the potential risk to pollute or poison, but TU1 has no harm to human health.

Test Result*

Material	TU1 high corrosion resistant copper pipe	TU2 general copper pipe
Punching Rate	0	29%
The deepest corrosion hole	0.12	0.3
Average corrosion depth	0.075	0.201

*The tube samples are tested in formic acid or acetic acid for 1000 hours.

ANTI-CORROSIVE COATED PIPE



Both sides of the evaporator are coated with "environmentally friendly polymer coating & technological baking method" to prevent the copper pipe on both sides from being polluted and corroded by air pollutants, making it more secure and durable.

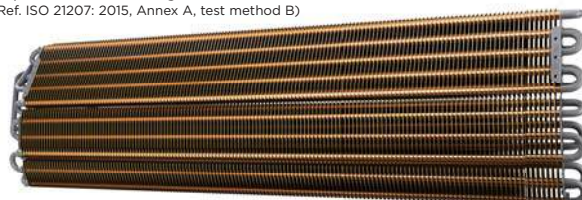
Corrosion Area

< 0.1%*
Anti-corrosive Coated Pipe

vs > 50%
Ordinary Pipe

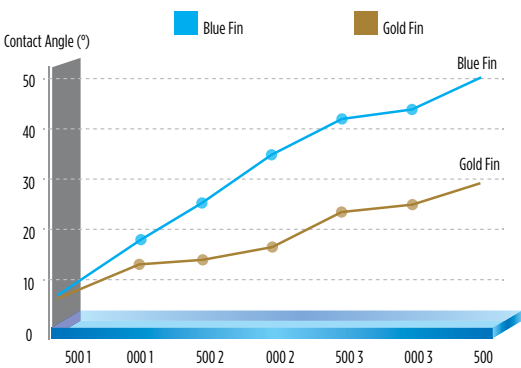
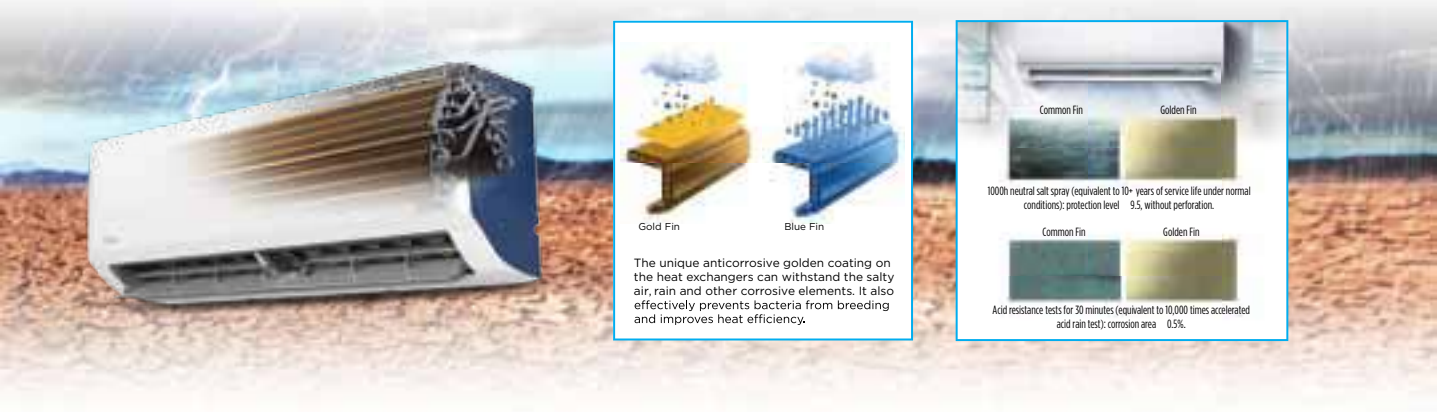
Verified by **Intertek**
Total Quality Assured.

Depended on the using industrial environment with salt contamination.
(Ref. ISO 21207: 2015, Annex A, test method B)

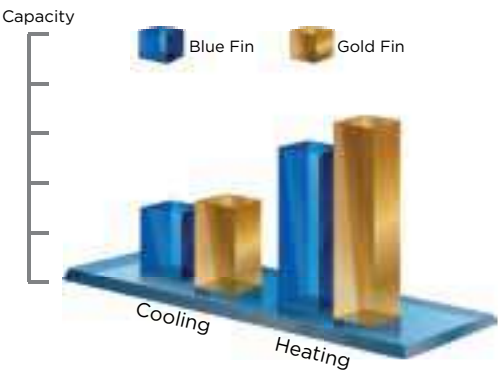


Golden Fin (Evaporator Coil Only)

The golden finned hydrophilic coil efficiently prevents bacteria from breeding and spreading, creating a healthy and comfortable environment. It can also improve heating efficiency by accelerating defrosting. The unique anti-corrosive gold plating can withstand salty air, rain and other corrosive elements.



Dry-wet cycle tests 3000 times (equivalent to using an air conditioner for 10 years): the golden fin still has good hydrophilicity (hydrophilic angle $\theta \leq 30^\circ$).



After one year of operation, the prototype with golden coating shows better performance in all working conditions than the prototype with blue coated foil.

Diamond-Cut Outdoor Unit

The air outlet in the shape of an 'Archimedes' screw and the bionic blower wheel work together to reduce the noise generated by the outdoor unit of the air conditioner. The T-shaped top cover ensures the stable operation of the internal parts and the durability of the power system.



PrimeGuard™

Midea's PrimeGuard™ is more resistant in oxidation & corrosion than ordinary fins for condensers to furnish a steadier and long-lasting performance. It can also efficiently prevent bacteria from breeding and oil stain from adhering, and withstand weather elements to enhance durability.



T-shape Casing Diamond-edged and

from the unit, ensuring stable operation of the interior. outlet and T-Shaped top cover together keep rain or sand away The Diamond-edged Casing, Archimedes' screw-shaped air



FEATURES



HYPER
GRAPFINS



Anti-Corrosive
Coated Pipe



TU1 Corrosion-resistance
Copper Tube



air magic



Flash Cooling



Prime Guard



Cold Catalyst
Filter



Low Noise



Smart Diagnosis



Diamond Cabinet



Follow Me



WIFI Control
(optional)



Smart Sleep
Curve (by Apps)



Weekly Timer
(by Apps)

APPEARANCE



Indoor Unit



Remote Control



Outdoor Unit

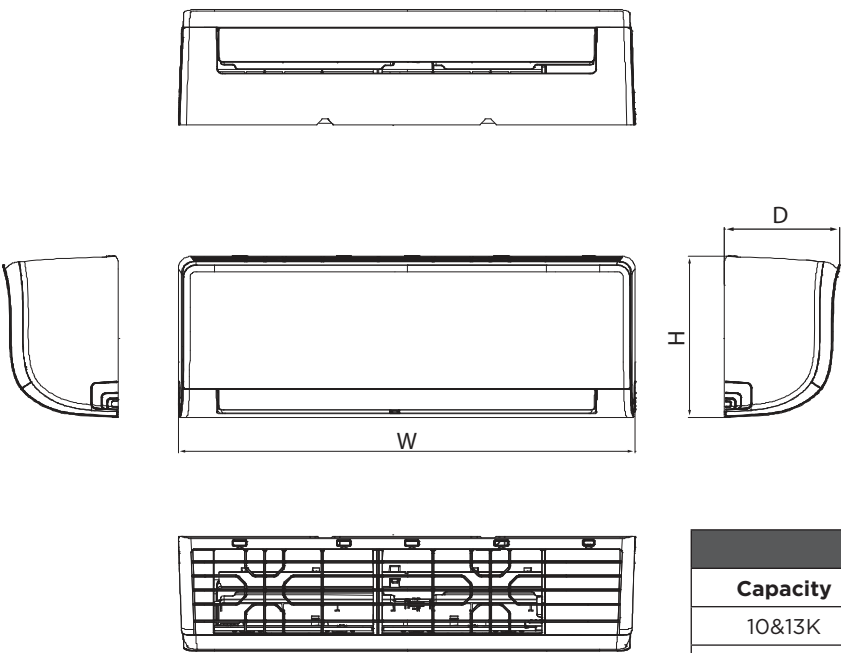
SPECIFICATIONS

Model	Indoor		MSAGB-10CRN8	MSAGB-13CRN8	MSAGB-19CRN8	MSAGB-25CRN8	MSAGB-30CRN8
	Outdoor		MSAGB-10CRN8	MSAGB-13CRN8	MSAGB-19CRN8	MSAGB-25CRN8	MSAGB-30CRN8
Cooling Capacity	Rated	Btu/h	9,700	12,300	18,500	24,200	30,000
Power consumption	Rated	W	816	1,079	1,585	2,308	2,586
Running current	Rated	A	3.55	4.69	6.89	10.03	11.80
CSPF(Cooling seasonal performance factor)		Wh/Wh	3.72	3.62	3.73	3.39	3.61
Energy Efficiency Star Rating							
Power supply		V,HZ,Ph	220-240V~,50Hz,1Ph (power supply to indoor)				220-240V~,50Hz,1Ph (outdoor supply)
Indoor unit	Indoor air flow (H)	m ³ /h(cfm)	580 (341)	600 (353)	820 (482)	933 (549)	1,500 (882)
	Indoor Sound level (H/L)	dB(A)	41/36.5/29.5	40/34.5/30.5	43/36/32.5	46.0/43.0/41	51/48.5/42
	Dimension(W*D*H)	mm	805x205x295	805x205x295	969x241x320	1083x244x336	1259x283x362
	Packing (W*D*H)	mm	875x375x285	875x375x285	1045x315x405	1155x415x315	1340x450x385
	Net/Gross weight	Kg	9.1/11.8	9.3/11.9	12.5/15.5	14.8/18.5	17.6/23.1
Outdoor unit	Outdoor Sound level	dB(A)	51	52	56	58	58
	Dimension(W*D*H)	mm	720x270x495	765x303x555	805x330x554	890x342x673	946x410x810
	Packing (W*D*H)	mm	835x300x540	887x337x610	915x370x615	995x398x740	1090x500x885
	Net/Gross weight	Kg	23.1/24.9	27.3/29.7	38.9/41.5	49.1/52.4	61.4/65.8
	Refrigerant Charge	g	R32/420g	R32/430g	R32/720g	R32/1200g	R32/1700g
Refrigerant piping	Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	25	25	25
		Max. difference in level	m	8	10	10	10
Indoor-Outdoor connection wiring (Not included)			3x1.5 mm ²	3x1.5 mm ²	3x2.5 mm ²	4x2.5 mm ²	4x2.5 mm ²
Power supply wiring (Not included wire)			3x1.5 mm ²	3x1.5 mm ²	3x2.5 mm ²	3x2.5 mm ² / No-plug	3x2.5 mm ²
Thermostat type			Wireless Remote Control (Wifi control, Wire control optional)				

Remark:

1. The above design and specifications are subject to change of product improvement without prior notice.
2. The noise level data reflects the level in anechoic chamber.
3. All units are being tested and comply to ISO 5151, ISO 16358-1.

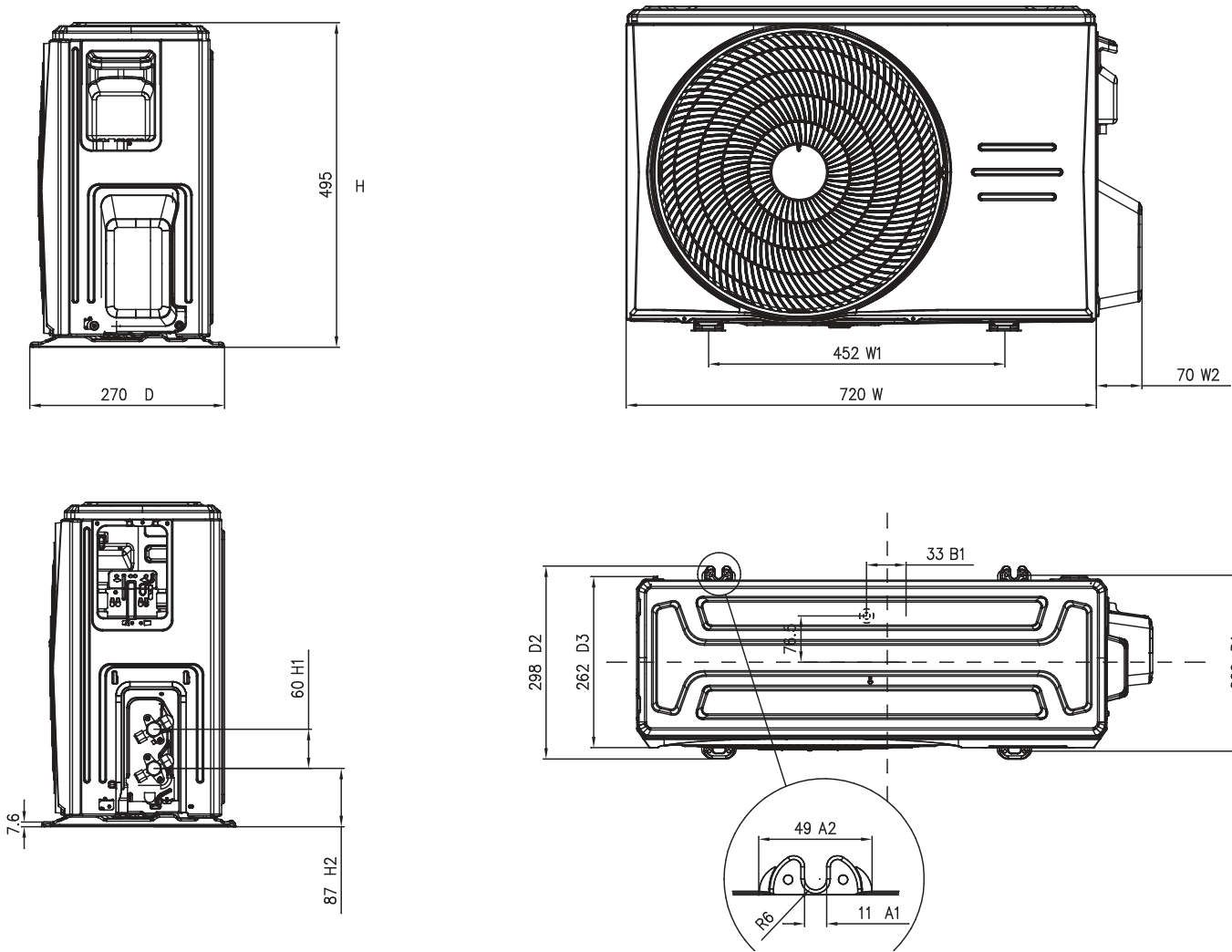
INDOOR UNIT DIMENSION



MSAGB INDOOR DIMENSION			
Capacity	W (mm)	D(mm)	H(mm)
10&13K	835	208	295
19K	969	241	320
25K	1083	244	336
30K	1259	283	362

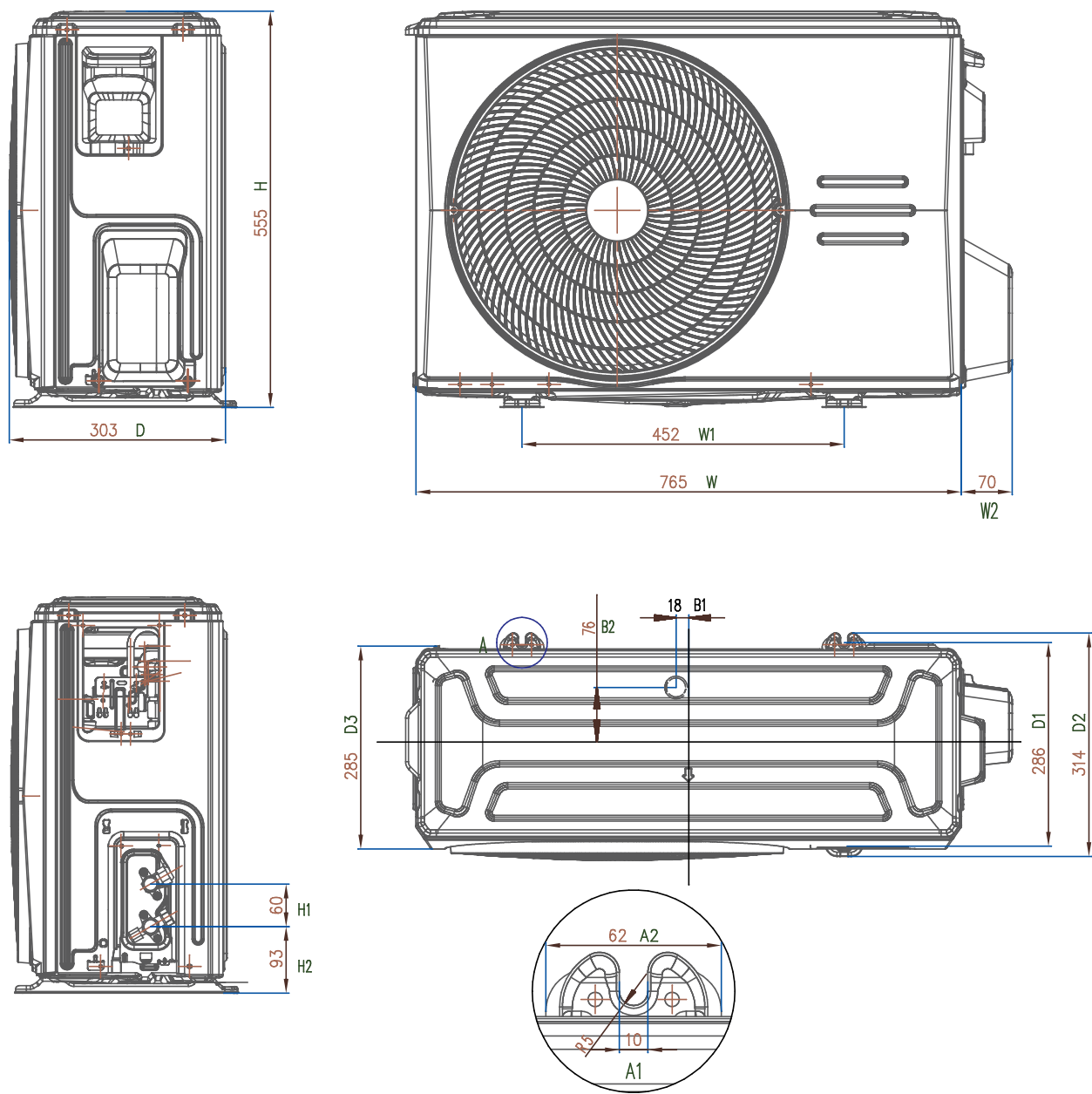
OUTDOOR UNIT DIMENSION

MSAGB-10CRN8



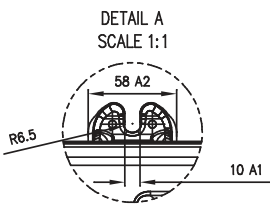
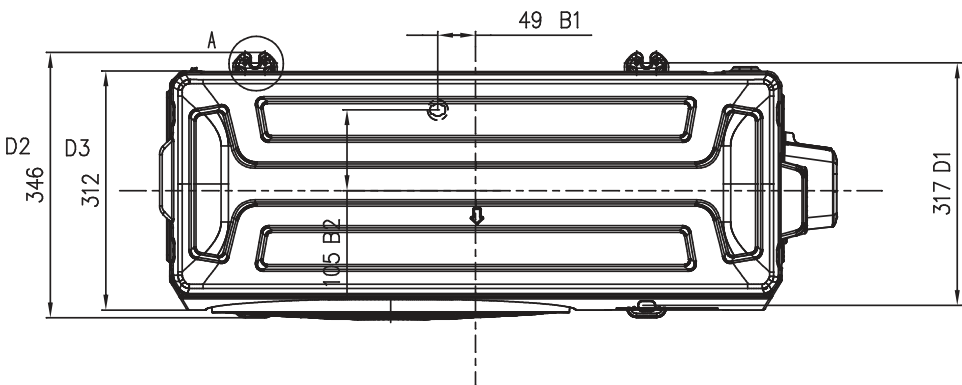
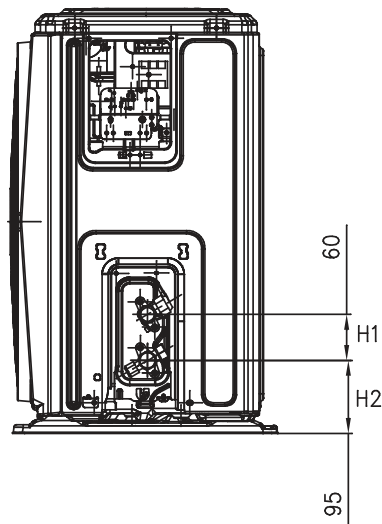
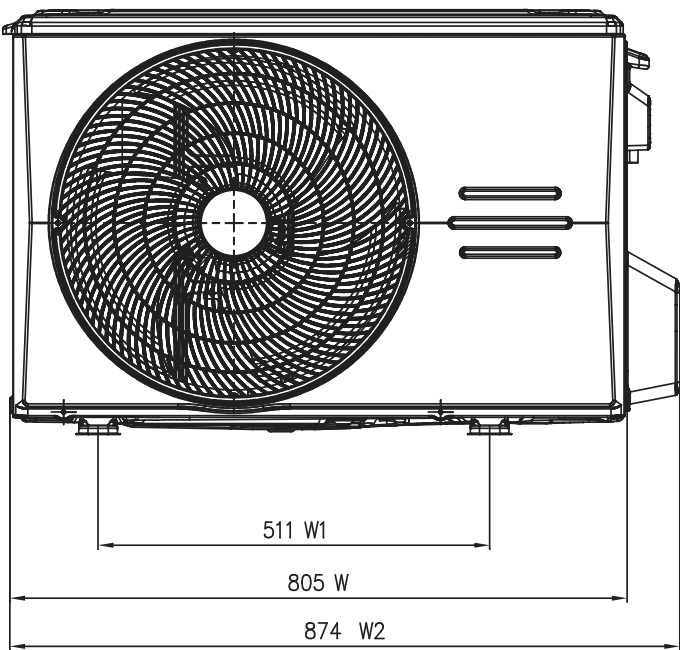
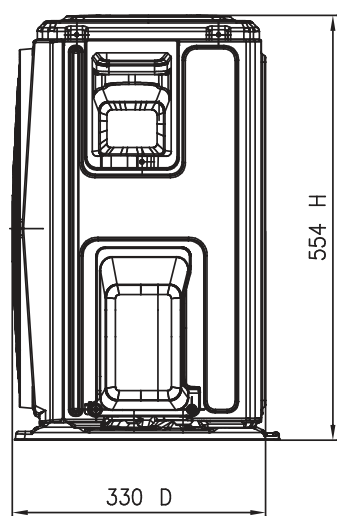
OUTDOOR UNIT DIMENSION

MSAGB-13CRN8



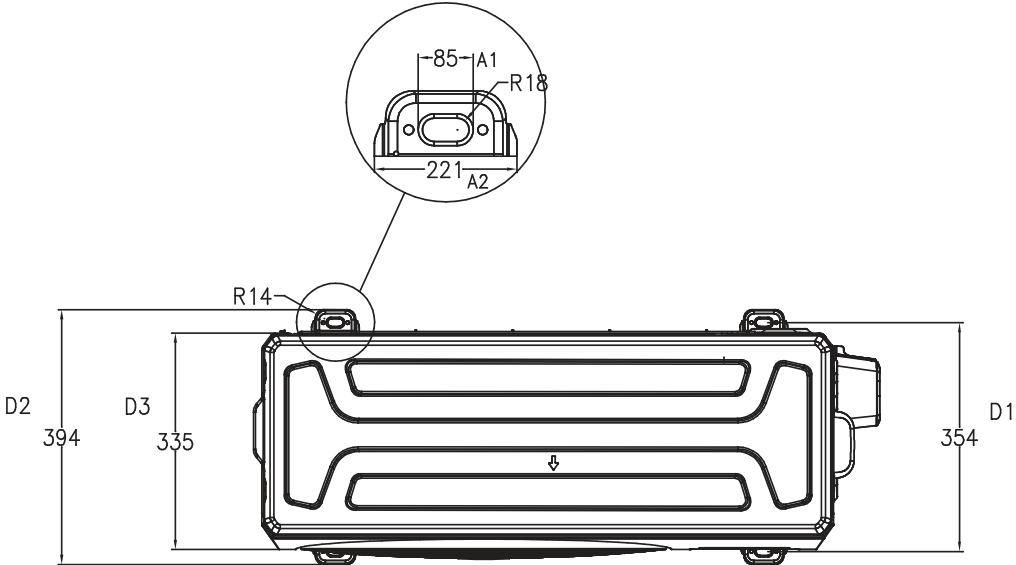
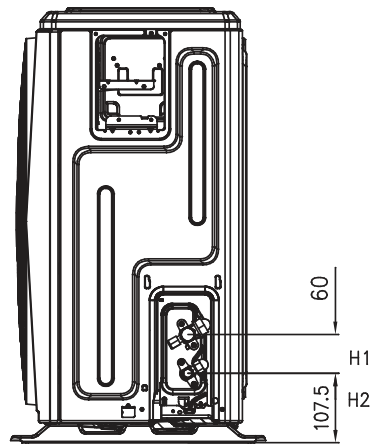
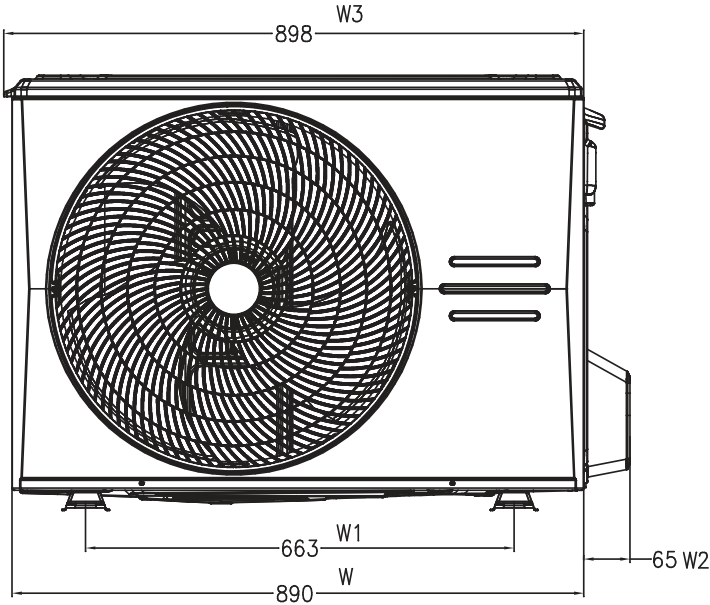
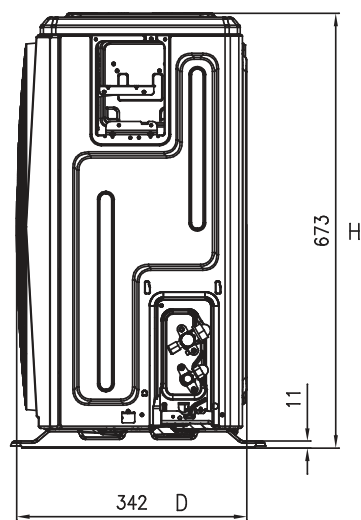
OUTDOOR UNIT DIMENSION

MSAGB-19CRN8



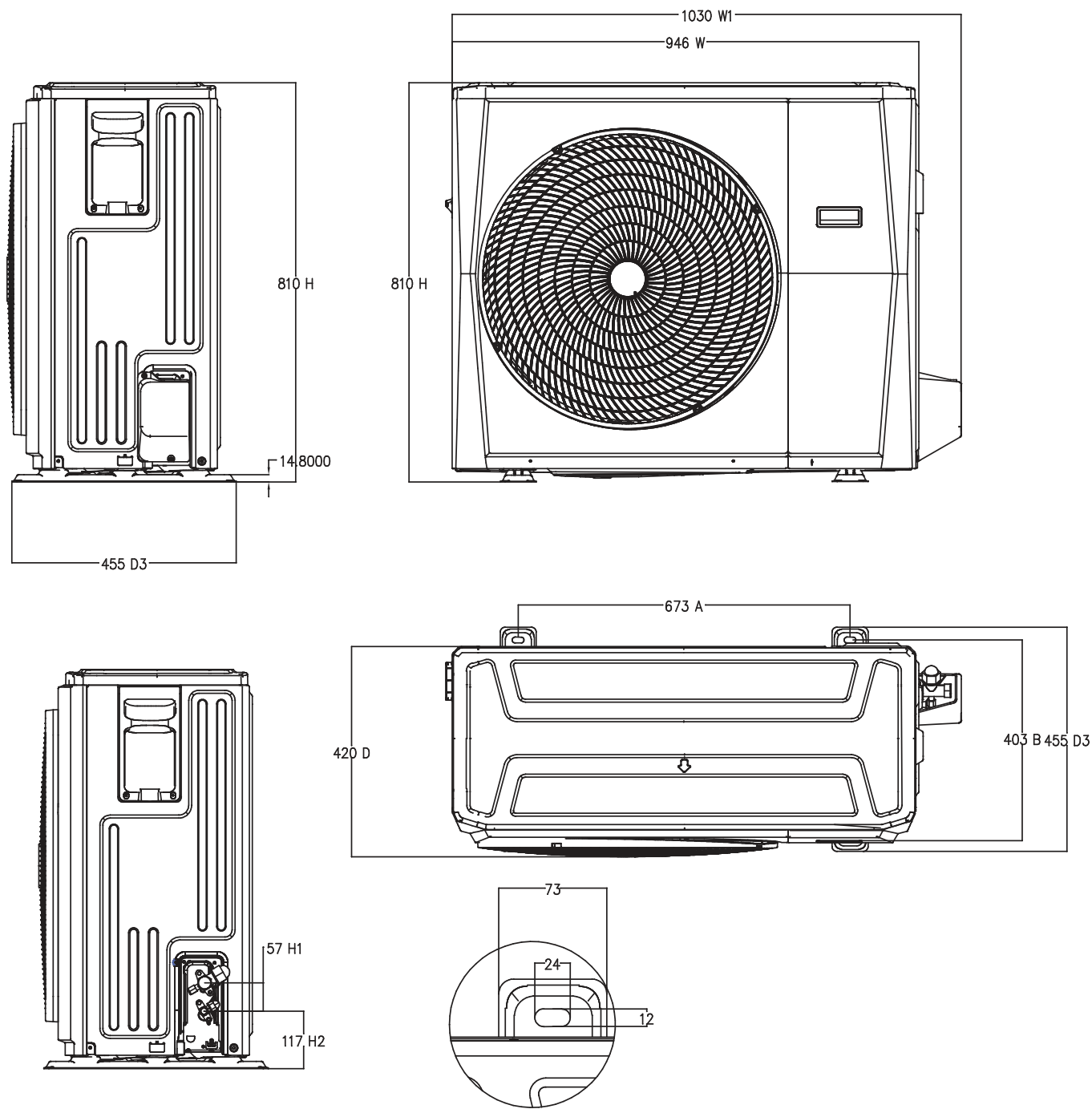
OUTDOOR UNIT DIMENSION

MSAGB-25CRN8



OUTDOOR UNIT DIMENSION

MSAGB-30CRN8



ERROR CODE QUICK TROUBLESHOOTING

Display Code	Error Information	Quick Solution
dF	Defrost	Normal Display, not error code
cF	Warming in heating mode	
SC	Self clean	
CL	Self clean(for Xtreme series fixed-speed type)	
CL	Clean filter(power on display for 15 seconds)	
nF	Replacing filter	
AP	AP mode of WIFI connection	
EH 0b	Communication error between display board and main board	Check indoor display board connection wire
EH 00	Indoor EEPROM parameter error	Check power and Indoor PCB
EH 02	Zero-crossing signal detection error	Check connection wire, check indoor PCB
EH 03	The indoor fan speed is operating outside of the normal range	Check indoor fan motor wire connection,indoor PCB, indoor Fan motor
EC 52	Condenser coil temperature sensor T3 or Outdoor ambient temperature sensor T4 is in open circuit or short circuit	Check outdoor condenser coil sensor or main PCB
EH 60	Indoor room temperature sensor T1 is in open circuit or short circuit	Check indoor room temp. sensor
EH 61	Evaporator coil temperature sensor T2 is in open circuit or short circuit	Check indoor coil temp. sensor
EL 0C	Refrigerant leakage detection	Check gas leaking, copper pipe flare nut, indoor PCB
EC 07	Phase error or The outdoor fan speed is operating outside of the normal range	Check power supply phase and outdoor fan speed
PC 03	High pressure protection	Check outdoor High pressure sensor

Midea Scott & English Electronics Sdn Bhd (194517-X)

No. 16, Jalan Chan Sow Lin, 55200 Kuala Lumpur Fax: 03-9221 7204 / 03-9221 1434 / 03-9221 3509

PENANG

No. 35, Jalan Perniagaan Gemilang 1,
Pusat Perniagaan Gemilang,
14000 Bukit Mertajam, Pulau Pinang.
Tel: 04-548 3938 Fax: 04-548 9698

JOHOR

No. 25, Jalan Seri Impian 1,
Taman Impian Emas,
81300 Skudai, Johor.
Tel: 07-562 4898 Fax: 07-557 7898

PERAK

No. 38, Persiaran Perindustrian Pengkalan 10,
Kawasan Perindustrian Pengkalan,
31500 Lahat, Perak.
Tel: 05-323 2529 Fax: 05-323 2529

PAHANG

No. 258, Ground Floor, Jalan Air Putih,
Taman Air Putih Mewah,
25350 Kuantan, Pahang Darul Makmur.
Tel: 09-560 6668 Fax: 09-09-560 5050

MALACCA

No. 385-L, Taman Peringggit Jaya,
75400 Peringggit, Melaka.
Tel: 06-292 1940 Fax: 06-286 7107

KOTA BHARU

PT 1436, Ground Floor,
Taman Koperatif, Tanjung Chat,
15300 Kota Bharu, Kelantan.
Tel/Fax: 09-743 1202

SABAH

Inanam Suria Commercial Centre,
Lot B, Unit 0-9, Unit 1-9,
Ground Floor and First Floor,
88450, Kota Kinabalu, Sabah.
Tel: 088-421 428 Fax: 088-431 427

SARAWAK

1st Floor , Lot 8517,
Stutong Commercial Centre, Jalan Stutong,
93350 Kuching, Sarawak.
Tel: 082-363 167 Fax: 082-366 167

Midea Care Line

1300-22-0133

Dealer's Stamp:



midea_malaysia



Midea Malaysia



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