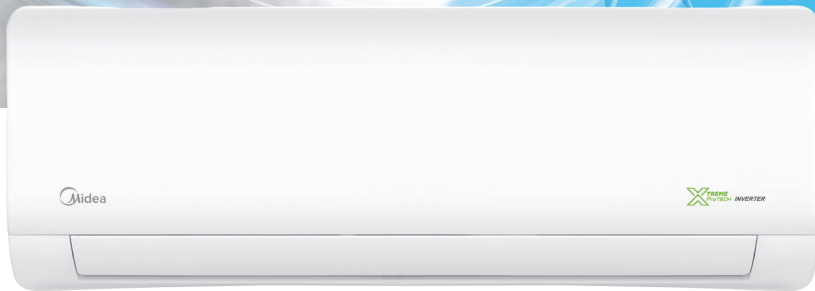


KETTANEH
LET'S PARTNER FOR LIFE

Midea



XTREME ProTECH

PROTECT YOUR LOVED ONES FROM BAD AIR



XTREME ProTECH

PROTECT YOUR LOVED ONES FROM BAD AIR

Defy the elements with the Midea Xtreme Protech air conditioner. Built to withstand harsh conditions, the Xtreme Protech offers superior durability and long-lasting performance. Its advanced technology ensures optimal cooling even in extreme temperatures, while its robust construction protects against dust, sand, and other environmental factors.

Functional Defense Filters

Multi-layer filtration system that captures dust, allergens, and harmful particles to deliver cleaner, healthier indoor air.

High Ambient Cooling

Designed to operate efficiently even in extreme outdoor temperatures, ensuring stable cooling during peak summer heat.

Super Ionizer

Releases positive and negative ions that neutralize pollutants and odors, leaving the air feeling fresher and more natural.

Golden Coating

Special anti-corrosion coating that protects the heat exchanger from rust, humidity, and harsh conditions for longer durability.

Highlights

4D Airflow



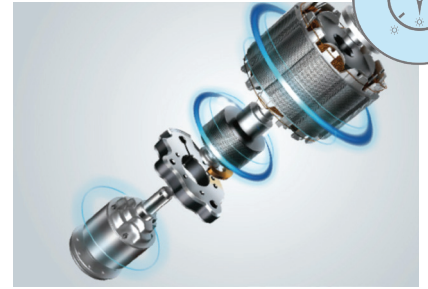
The directional air-outlet moves automatically both horizontally and vertically, directing nice and cool airflow to cover every corner of the room

Follow Me



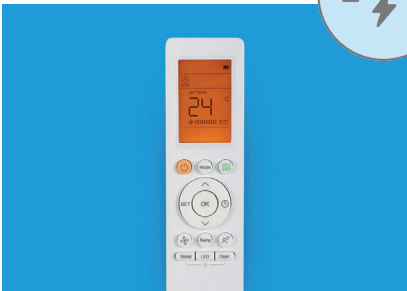
Follow Me feature turns the remote control into a portable thermostat, sensing the temperature around you rather than at the indoor unit.

Flash Cooling



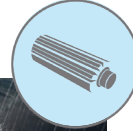
This tech enables the compressor to achieve maximum frequency in split of the moment (57Hz within 6s) upon start up.

Gear Shift



You can choose a lower power level with the Gear button on the remote controller to conserve energy when you feel the cool is enough.

Golden Coating



Enhanced anti-corrosion coating increases durability and ensures long-term performance in harsh environments.

Inverter Quattro™ technology



With Inverter Quattro™ technology, Xtreme Save delivers efficient cooling with less energy while maintaining consistent comfort day and night.

WIFI Control



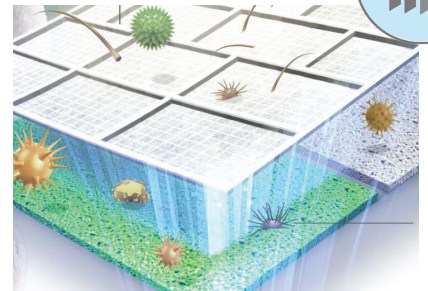
Wherever you are, you can keep your home comfortable using the SmartHome App

Super Ionizer



Releases positive and negative ions, help inhibit bacteria and viruses, improving air cleanliness and sterilization efficiency.

Functional Defense Filters



Effectively blocks PM2.5 and prevents harmful germs from multiplying providing fresh, clean and healthy for you.

Model			MSVXBU-12HRFN8-QRD0GW	MSVXCU-18HRFNX-QRD0GW	MSVXDU-24HRFN8-QRD0GW
Power supply		V-Ph-Hz	220-240V,1Ph,50Hz	220_240V_1Ph,FREQUENCY_50HZ	220_240V_1Ph,FREQUENCY_50HZ
Cooling (Standard conditions)	Capacity	Btu/h	12000(3800~13500)	18000(6600~21400)	24000(10300~30000)
	Input	W	1300(84~1600)	1550(150~2250)	2420(340~3450)
	Current	A	5.8(0.8~7.3)	6.7(0.7~9.8)	10.5(1.4~15)
	EER	W/W	2.7	3.40	2.91
Heating (Standard conditions)	Capacity	Btu/h	13000(3700~14300)	19000(4400~23900)	25000(5200~32300)
	Input	W	1090(165~1500)	1630(220~2350)	2130(300~3150)
	Current	A	4.8(1.35~6.9)	7.1(0.95~10.2)	9.3(1.3~13.7)
	COP	W/W	3.49	3.42	3.44
Seasonal Cooling	Pdesignc	kW	3.5	5.3	7.0
	SEER	W/W	6.6	7.3	6.5
	Energy Efficiency Class		A++	A++	A++
Heating(Warmer)	Pdesignh	kW	2.9	4.5	5.3
	SCOP	W/W	5.2	5.2	5.1
	Energy Efficiency Class		A+++	A+++	A+++
	Tbiv	°C	2	2	2
Tol		°C	-15	-15	-15
Rated Power Input		W	2150	2500	3700
Rated Current		A	10	13	19
Compressor	Model		KSK103D32UEZ31	KSN140D21UFZ	KTM240D57UMT
	Type		ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	3245	4385	7740
	Input	W	850	1140	2085
	Rated current(RLA)	A	5.70	7.50	9.45
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280	VG74 440	ESTER OIL VG74 670
Indoor fan motor	Model		ZKFP-30-8-357L	ZKFP-30-8-3	ZKFP-58-8-1-5
	Input	W	36	36	58
	Speed(Hi/Mi/Lo)	r/min	1100/950/700	1150/1000/850	1150/1000/850
Indoor coil	a.Number of rows		2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	607x195x23.2+607x117x23.2	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74
	g.Number of circuits		3	4	4
Indoor air flow (Hi/Mi/Lo)	m3/h	570/490/450	800/600/500	1090/770/610	
Indoor noise level (Hi/Mi/Lo/Si)	dB(A)	40.5/37.5/24/21	41/37/31/20	46/37/34.5/21	
Indoor sound power level	dB(A)	56	56	62	
Indoor unit	Dimension(W*D*H)	mm	802*200*295	969x241x320	1083x244x336
	Packing (W*D*H)	mm	875*285*380	1045x315x405	1155x415x315
	Net/Gross weight	kg	8.2/10.9	11.2/14.6	13.6/17.3
	Model		ZKFN-25-10-5L	ZKFN-34-10-1	ZKFN-80-8-3
Outdoor fan motor	Input	W	75.5	71.5	108.3
	Speed	r/min	780/600	760/650	830/700/550
	a.Number of rows		1	2	1.6
Outdoor coil	b.Tube pitch(a)x row pitch(b)	mm	18x17.3	21x22	21x22
	c.Fin spacing	mm	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	745x468x17.3	860*504*44	900*609*22+540*609*22
	g.Number of circuits		3	4	5
	Outdoor air flow	m3/h	1750	2100	3500
Outdoor sound pressure level	dB(A)	55	57	60	
Outdoor sound power level	dB(A)	64	65	67	
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	805x330x554	890x342x673
	Packing (W*D*H)	mm	835x300x540	915x370x615	995x398x740
	Net/Gross weight	kg	21/22.8	32.8/35.3	43.9/46.9
Refrigerant	Type		R32	R32	R32
	GWP		675	675	675
	Charged quantity	kg	0.52	1.1	1.45
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	30	50
	Max. difference in level	m	10	20	25
Connection wiring		1.5x5//	1.5x5//	2.5x5//	
Plug type		no-plug	no-plug	no-plug	
Thermostat type		Remote Control	Remote Control	Remote Control	
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating)	°C	-15~50/-20~24	-15~50/-20~24	-15~50/-20~24
Application area (Cooling Standard)	m2	16~23	24~35.0	32~47	
Qty/per 20' /40' /40'HQ		125/256/284	86/174/204	64/134/156	