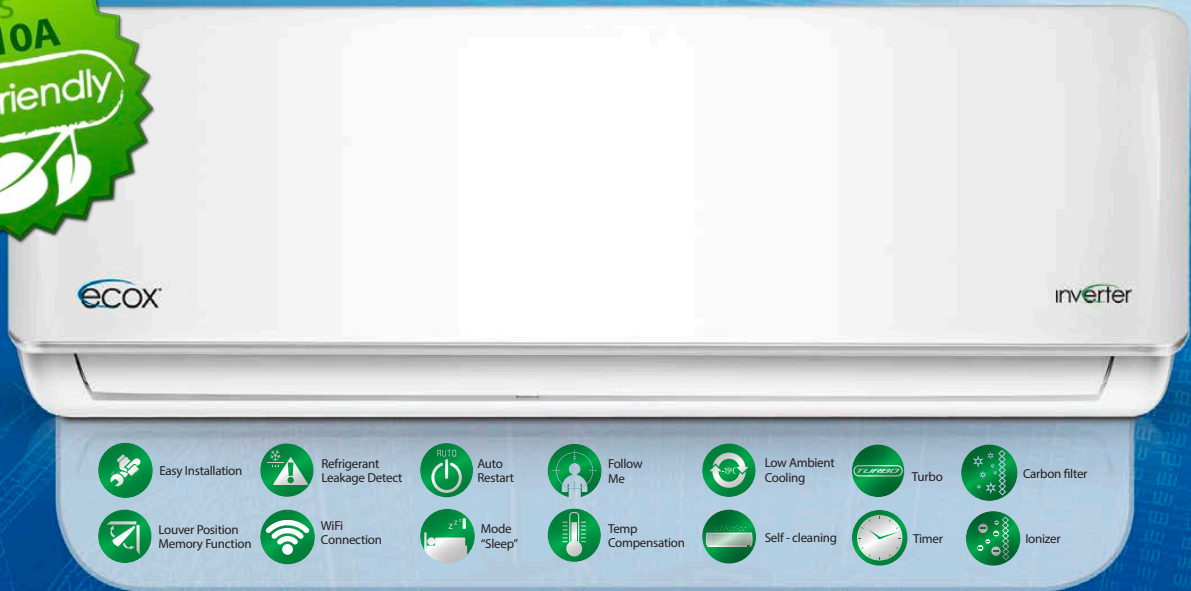


ecox[®]

Creating pleasurable environments

AIR CONDITIONER MINISPLIT EDEM

UP TO
SEER 18



- Easy Installation
- Refrigerant Leakage Detect
- Auto Restart
- Follow Me
- Low Ambient Cooling
- Turbo
- Carbon filter
- Louver Position Memory Function
- WiFi Connection
- Mode "Sleep"
- Temp Compensation
- Self-cleaning
- Timer
- Ionizer



- Functions as Air Conditioning, Fan and Dehumidifier
- Energy efficiency **up to 18 SEER**
- Capacities between 9.000 BTU to 24.000 BTU
- Available in 110V or 220V
- Remote connection option through a smartphone
- Washable filters
- Carbon filter



New features in the outdoor unit

- New Appearance - tougher unit - sturdier
- Better Performance
- New top Cover with less screws, disassembling and maintenance turn to be more convenient
- New upside-down E-Box - easier maintenance - prevents water and dust accumulation by reducing it in 70%

60Hz

UP TO
SEER 18
Inverter

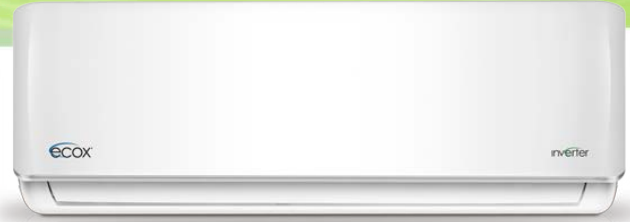
Copper kit
100%
INCLUDED

R-410A
Ecofriendly

WiFi
Option



Includes Installation Kit for 10 feet



Easy Installation



Refrigerant Leakage Detect



Auto Restart



Follow Me



Low Ambient Cooling



Turbo



Carbon filter



Louver Position Memory Function



WiFi Connection



Mode "Sleep"



Temp Compensation



Self-cleaning



Timer



Ionizer

Power supply: 115V / 60Hz / 1Ph

Model		EDEM009H18A	EDEM12H18A
Cooling			
Capacity	Btu/h	9000	12000
Input	W	665	960
Rated current	A	5.8	8.4
EER	Btu/w	13.5	12.5
SEER	Btu/w	17	17.2
Heating			
Capacity	Btu/h	9800	11800
Input	W	790	1120
Rated current	A	6.9	9.8
COP	W/W	3.64	3.09
HSPF4	Btu/w	10.5	11.2
HSPF5	Btu/w	8.6	9
Compressor			
Model		ASH98022UFZ	ASH98032UFZ
Type		ROTARY	ROTARY
Brand		GMCC	GMCC
Capacity	Btu/h	10014	11157
Input	W	748	800
Rated current (RLA)	A	9.8	10.5
Refrigerant oil charge	ml	ESTER OIL VG74/370	ESTER OIL VG74/370
Indoor fan motor			
Model		ZKFP-20-8-5	ZKFP-20-8-5
Brand		Welling	Welling
Input	W	25	25
RLA	A	0.3	0.3
Speed (hl./mi./h.)	r/min	1080/850/700	1080/850/650
Indoor unit			
Indoor air flow (hl./mi./h.)	m ³ /h / CFM	500/360/250 / 294/212/147	520/360/250 / 306/212/147
Indoor noise level (hl./mi./h.)	dB(A)	36/32/23	36/32/23
Dimension (width x depth x high)	mm / inch	802x189x297 / 31.57x7.44x11.69	802x189x297 / 31.57x7.44x11.69
Packing (width x depth x high)	mm / inch	875x285x375 / 34.45x11.22x14.76	875x285x375 / 34.45x11.22x14.76
Net/Gross weight	kg / lbs.	8.2/10 / 18.1/22.0	8.2/10 / 18.1/22.0
Outdoor fan motor			
Model		ZKFN-40-8-1L	ZKFN-40-8-1L
Brand		Welling	Welling
Input	W	63	63
RLA	A	0.6	0.6
Outdoor unit			
Outdoor air flow	m ³ /h / CFM	1800 / 1060	1900 / 1120
Outdoor noise level	dB(A)	52.5	52.5
Dimension (width x depth x high)	mm / inch	770x300x555 / 30.31x11.81x21.85	800x333x554 / 31.50x13.11x21.81
Packing (width x depth x high)	mm / inch	900x395x685 / 35.43x15.55x27.00	920x390x615 / 36.22x15.35x24.21
Net/Gross weight	kg / lbs.	29/31.5 / 63.9/69.4	37/40 / 81.6/88.2
Refrigerating			
Refrigerant type	g / oz	R410A/1100 / 38.8	R410A/1150 / 40.6
Refrigerant precharge	ft	25	25
Additional charge for each ft	oz	0.161	0.161
Design pressure	PSIG	550/340	550/340
Liquid side/Gas side	mm (inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")
Max. refrigerant pipe length	m / ft	25 / 82	25 / 82
Max. difference in level	m / ft	10 / 33	10 / 33
Operation temperature			
Indoor (cooling/heating)	°C / °F	17~32/0~30 / 62~90/32~86	17~32/0~30 / 62~90/32~86
Outdoor (cooling/heating)	°C / °F	-25~50/-25~30 / -13~122/-13~86	-25~50/-25~30 / -13~122/-13~86
Other specifications			
Minimum circuit ampacity	A	15	15
Max.fuse	A	20	20
Connection wiring		16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Thermostat type		Remote control	Remote control
Application area (cooling standard)	m ² / sq.ft.	12-17.6 / 139-189	16-23.4 / 172-252
Qty per 20' / 40' / 40'HQ	set	105/220/248	85/185/215

Power supply: 208-230V / 60Hz / 1Ph

Model		EDEM009H18B	EDEM12H18B	EDEM18H18B	EDEM24H18B
Cooling					
Capacity	Btu/h	9000	12000	18000	24000
Input	W	640	923	1384	1920
Rated current	A	2.9	4.05	6.1	8.4
EER	Btu/w	14	13	13	12.5
SEER	Btu/w	17	17.5	17.7	16
Heating					
Capacity	Btu/h	9800	12000	18000	25000
Input	W	930	1085	1570	2315
Rated current	A	4.2	4.72	6.82	10.1
COP	W/W	3.09	3.24	3.36	3.17
HSPF4	Btu/w	10.5	9.8	10	10
HSPF5	Btu/w	8.6	7.7	8	8.3
Compressor					
Model		ASH98022UFZ	ASH98032UFZ	ASH135D2UFZ	ATF235D2UMT
Type		ROTARY	ROTARY	ROTARY	ROTARY
Brand		GMCC	GMCC	GMCC	GMCC
Capacity	Btu/h	10014	11157	13836	24344
Input	W	748	800	1035	1970
Rated current (RLA)	A	5.5	6.8	10.0	12
Refrigerant oil charge	ml	ESTER OIL VG74/370	ESTER OIL VG74/370	ESTER OIL VG74/450	ESTER OIL VG74/670
Indoor fan motor					
Model		ZKFP-20-8-6	ZKFP-20-8-6	ZKFP-58-8-1	ZKFN-120-8-2
Brand		Welling	Welling	Welling	Welling
Input	W	22	22	58 (Output)	150
RLA	A	0.25	0.25	0.4	0.45
Speed (hl./mi./h.)	r/min	1080/850/700	1080/850/650	1000/800/700	1100/900/700
Indoor unit					
Indoor air flow (hl./mi./h.)	m ³ /h / CFM	450/348/240 / 265/205/141	520/360/250 / 306/212/147	950/620/520 / 559/365/306	1050/800/550 / 618/471/324
Indoor noise level (hl./mi./h.)	dB(A)	36.5/30/25	36.5/30/25	43/38/32	47.5/42/33
Dimension (width x depth x high)	mm / inch	802x189x297 / 31.57x7.44x11.69	802x189x297 / 31.57x7.44x11.69	1000x226x335 / 42.52x9.09x13.19	1080x226x335 / 42.52x9.09x13.19
Packing (width x depth x high)	mm / inch	875x285x375 / 34.45x11.22x14.76	875x285x375 / 34.45x11.22x14.76	1135x415x515 / 45.07x16.34x20.40	1155x415x515 / 45.47x16.34x20.40
Net/Gross weight	kg / lbs.	8.2/10 / 18.1/22.0	8.2/10 / 18.1/22.0	13.2/16.8 / 29.1/37.0	13.2/16.8 / 29.1/37.0
Outdoor fan motor					
Model		ZKFN-40-8-1L	ZKFN-40-8-1L	ZKFN-50-8-2	ZKFN-120-8-2
Brand		Welling	Welling	Welling	Welling
Input	W	63	63	50 (Output)	150
RLA	A	0.4	0.4	0.6	0.6
Outdoor unit					
Outdoor air flow	m ³ /h / CFM	1800 / 1060	1900 / 1120	2500 / 1470	4000 / 2355
Outdoor noise level	dB(A)	55.5	57.5	61	61
Dimension (width x depth x high)	mm / inch	770x300x555 / 30.31x11.81x21.85	800x333x554 / 31.50x13.11x21.81	845x363x702 / 33.27x14.29x27.64	945x410x810 / 37.24x16.14x31.89
Packing (width x depth x high)	mm / inch	900x395x685 / 35.43x15.55x27.00	920x390x615 / 36.22x15.35x24.21	965x395x755 / 38.00x15.55x29.72	1090x500x875 / 42.91x19.69x34.45
Net/Gross weight	kg / lbs.	29/31.5 / 63.9/69.4	37/40 / 81.6/88.2	45.8/49.1 / 101.0/108.2	62/66.8 / 136.6/147.27
Refrigerating					
Refrigerant type	g / oz	R410A/1000 / 38.8	R410A/1151 / 40.6	R410A/1950 / 68.8	R410A/2350 / 82.9
Refrigerant precharge	ft	25	25	25	25
Additional charge for each ft	oz	0.161	0.161	0.161	0.322
Design pressure	PSIG	550/340	550/340	550/340	550/340
Liquid side/Gas side	mm (inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")
Max. refrigerant pipe length	m / ft	25 / 82	25 / 82	30 / 98	50 / 164
Max. difference in level	m / ft	10 / 33	10 / 33	20 / 66	25 / 82
Operation temperature					
Indoor (cooling/heating)	°C / °F	17~32/0~30 / 62~90/32~86	17~32/0~30 / 62~90/32~86	17~32/0~30 / 62~90/32~86	17~32/0~30 / 62~90/32~86
Outdoor (cooling/heating)	°C / °F	-25~50/-25~30 / -13~122/-13~86	-25~50/-25~30 / -13~122/-13~86	-25~50/-25~30 / -13~122/-13~86	-25~50/-25~30 / -13~122/-13~86
Other specifications					
Minimum circuit ampacity	A	10	12	15	18
Max.fuse	A	15	15	20	25
Connection wiring		16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded	16AWG*4 Stranded, unshielded
Thermostat type		Remote control	Remote control	Remote control	Remote control
Application area (cooling standard)	m ² / sq.ft.	12-17.6 / 139-189	16-23.4 / 172-252	23.3-34.2 / 251-368	30.6-44.9 / 330-484
Qty per 20' / 40' / 40'HQ	set	105/220/248	85/185/215	66/138/152	44/96/108