

ecox[®]

Creating pleasurable environments

AIR CONDITIONER MINISPLIT EDHM

UP TO
SEER 20



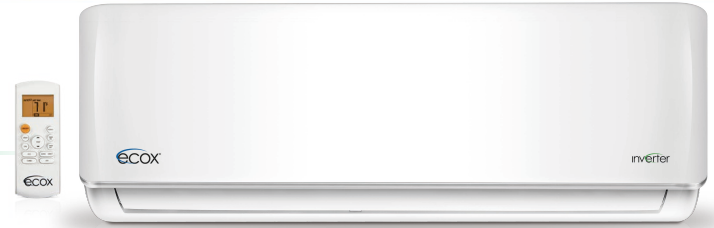
- Inverter Technology
- Energy efficiency up to 20 SEER
- Internal unit with minimalist design and display panel for easy viewing
- Functions as Air Conditioning, Fan and Dehumidifiers
- Washable filters
- Carbon filter
- Available in 220V and in some models 110V
- WiFi connection option
- Capacities between 9.000 to 24.000 Btu

Technology
inverter 60Hz



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- 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

Model		EDHM009C19B	EDHM012C19A	EDHM012C19B	EDHM018C19B	EDHM024C19B
Power supply	V-Hz-Ph	208-230V~60Hz, 1Ph	115V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph	208-230V~60Hz, 1Ph
Cooling						
Capacity	Btu/h	9000	12000	12000	18000	24000
Input	W	812	1200	1037	1583	1960
Rated current	A	3.53	10.43	4.5	6.7	9
EER	Btu/w	3.25	2.93	3.25	3.15	3.29
SEER	Btu/w	19	16.5	19	20	19
Minimum circuit ampacity	A	10	15	11	15	18
Max. fuse	A	15	20	15	20	25
Compressor						
Model		ASK89029UZZD	ASK98022UFZ	ASK89029UZZD	ASN140021UFZ	ATF235022UMT
Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Capacity	Btu/h	9110	10014	11157	14416	24344
Input	W	702	748	702	1035	1970
Rated current	A	6.2	5.35	6.8	9	12
Refrigerant oil oil charge	ml	ESTER OIL VG74/170	ESTER OIL VG74/370	ESTER OIL VG74/170	ESTER OIL VG74/440	ESTER OIL VG74/670
Indoor fan motor						
Model		YKFG-20-4-10L	YKFG-15-4-28-1	YKFG-20-4-10L	ZKFP-30-8-3	YKFG-45-4-13
Input	W	47.4	46	47.4	36	89
Rated current	A	0.218	0.425	0.218	0.275	0.45
Capacity	µF	1.5	3	1.5	3	3
Speed (Hz./min./ft.)	r/min	1050/900/700	1080/850/650	1080/850/650	1100/800/700	1100/900/800
Indoor air flow (ft./min./ft.)	CFM	410/350/250	600/400/330	380/350/410	900/750/600	980/770/562
Indoor air flow (ft./min./ft.)	CFM	241/206/147	350/212/147	300/212/147	520/441/353	581/456/330
Indoor noise level (ft./min./ft.)	dB(A)	38/32/26	38.5/32/24.5	36.5/30/25	42/34.5/30.5	46/40/34
Indoor unit						
Dimension (width x depth x high)	mm/in	722x187x290/28.4x7.36x11.42	802x189x297/31.57x7.44x11.69	802x189x297/31.57x7.44x11.69	965x216x319/37.98x8.47x12.56	1080x236x335/42.52x9.30x13.19
Packing (width x depth x high)	mm/in	790x270x375/31.10x10.63x14.76	875x285x375/34.45x11.22x14.76	875x285x375/34.45x11.22x14.76	1045x305x410/41.15x12x16.14	1155x415x320/45.47x16.34x12.6
Net / Gross weight	Kg/Lb	7.4/9.8 - 16.3/21.6	8.5/11 - 18.7/24.3	8.2 / 10 - 18.1 / 22.0	11.4 / 14 - 25.13 / 30.87	14.3 / 17.9 - 31.52 / 39.46
Outdoor fan motor						
Model		ZKFN-40-8-1L-5	ZKFN-40-8-1L	ZKFN-40-8-1L	ZKFN-40-8-1L-5	ZKFN-50-8-2
Brand		Welling	Welling	Welling	Welling	Welling
Input	W	40	63	40	40	115
RLA	A	0.56	0.7	0.56	0.6	0.6
LRA	A	0.7	---	0.7	0.7	---
Winding Resistance	Ω	100	---	100	100	37.3
Outdoor air flow	m ³ /h/CFM	2091/1230	2000/1177	2091/1231	2030/1195	3100/1825
Outdoor noise level	dB(A)	51	51.5	51.5	53.5	57
Outdoor unit						
Dimension (width x depth x high)	mm/in	770x300x555/30.31x11.81x21.85	770x300x555/30.31x11.81x21.85	770x300x555/30.31x11.81x21.85	770x300x555/30.31x11.81x21.85	845x363x702/33.26x14.29x27.64
Packing (width x depth x high)	mm/in	900x345x585/35.43x13.58x23.03	900x345x585/35.43x13.58x23.03	900x345x585/35.43x13.58x23.03	900x345x585/35.43x13.58x23.03	965x395x757/37.99x15.55x30.51
Net / Gross weight	Kg/Lb	24.5 / 26.9 - 54 / 59.30	28.3 / 30.7 - 62.4 / 67.7	24.8 / 27 - 54.67 / 59.52	29.9 / 32.8 - 65.91 / 72.31	40.2 / 43.5 - 88.62 / 95.90
Refrigerant type R-410A	g/oz	500/17.64	590/20.81	530/18.70	900/31.75	1159/40.9
Refrigerant precharge	m/ft	7.8 / 25	7.8 / 25	7.8 / 25	7.8 / 25	7.8 / 25
Additional charge per meter	g/oz	20/0.71	20/0.71	20/0.71	20/0.71	30/1.06
Additional charge per foot	g/oz	6.25/0.22	6.25/0.22	6.25/0.22	6.25/0.22	9.38/0.33
Design pressure	PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Refrigerant piping						
Liquid side / Gas side	mm/in	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	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	25/82	30/98	30/98
Max. difference in level	m/ft	10/33	10/33	10/33	20/66	20/66
Connection wiring (Verify Local Codes)						
Connection Wiring		16AWG x 4 Stranded, unshielded	16AWG x 4 Stranded, unshielded	16AWG x 4 Stranded, unshielded	16AWG x 4 Stranded, unshielded	16AWG x 4 Stranded, unshielded
Power Cord		14AWG x 3 Stranded, unshielded	14AWG x 3 Stranded, unshielded	14AWG x 3 Stranded, unshielded	14AWG x 3 Stranded, unshielded	14AWG x 3 Stranded, unshielded
Thermostat type						
Remote Control		RC57 Celsius	RC57 Celsius	RC57 Celsius	RC57 Celsius	RC57 Celsius
Operation temperature						
Indoor (cooling)	°C/°F	17~32/62~90°F	17~32/62~90°F	17~32/62~90°F	17~32/62~90°F	17~32/62~90°F
Outdoor (cooling)	°C/°F	0~50/32~122°F	0~50/32~122°F	0~50/32~122°F	0~50/32~122°F	0~50/32~122°F
Application area (cooling standard)	m ² /sq.ft	12-17.6/129-189	16-23.4/172-252	16-23.4/172-252	23.3-34.2/251-368	30.6-44.9/30.6-44.9
Qty per 20' / 40' HQ	set	105/220/248	108/225/234	108/225/234	87/170/203	60/126/142

INCLUDES:

Evaporator: Base, Signal Cable, Power Cable, Remote Control, 2 AAA Battery, Installation Manual, User Manual, Remote Control Manual, Screws and expanders for evaporator base.
 Condensing unit: 3 meters pipe Kit, Wall hole fixture, neoprene sealant and Tape.

Note: The recommended power cable is suggested. For better performance and result refer to local electrical code and select the appropriate cable. Dimensions and performance characteristics may vary, please contact an ecox representative for the latest information available.