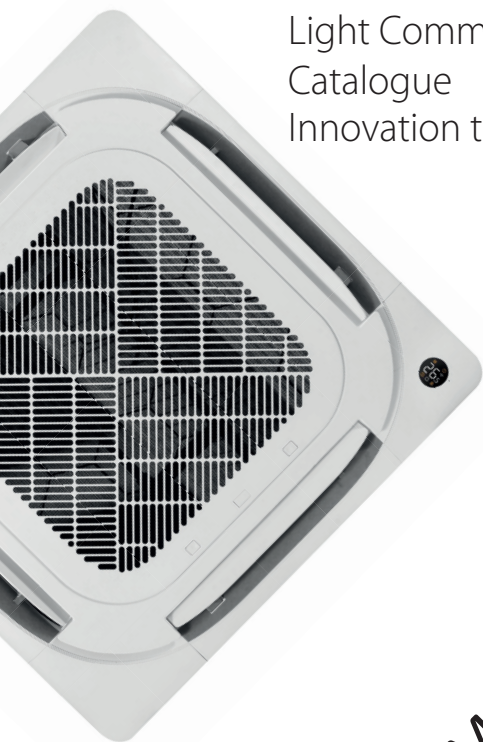




"Bringing Comfort to Every Climate"



Light Commercial Air Conditioning
Catalogue
Innovation that cools you and the planet.



COMFORT PERFECTIONIST



High Performance
Air Conditioners

AEXCKO-24AEX-HC
AEXCKO-48AEX-HC

AEXCKO-36AEX-HC

At A GLANCE

5 REASONS MAKE AIRX CASSETTE GOOD

01

Best Comfort without
Compromise

02

Great Reliability

03

Energy Efficiency

04

Top Control and
Connection

05

Easy Installation and
Maintenance





01

BEST COMFORT WITHOUT COMPROMISE

- A. Breezeless Offers Ultimate Comfort
- B. 360° Air Discharge for the Highest Efficiency and Comfort
- C. Individual Vane Control
- D. Twin System with Sync Control



02

GREATER RELIABILITY

Optimized Water Tray

- ABS-material modeling anti-corrosion plastic material
- Thickness increased to 2.2mm
- Newly optimized drainage tray structure



03

ENERGY EFFICIENCY

- A. ECO Mode Energy-saving Technology
- B. Intelligent Sensor for Better Comfort and Energy Saving

AirX Ceilling Cassette					
Model			AEXCKO-24AEX-HC	AEXCKO-36AEX-HC	AEXCKO-48AEX-HC
Power supply (Indoor)	V- Ph-Hz		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)	V- Ph-Hz		220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	380-415V,3Ph, 50Hz
Cooling (Standard conditions)	Capacity	Btu/h	24000	36000	48000
	Input	W	2600	3900	5191
	Current	A	11.3	18.0	9.2
	EER	W/W	2.71	2.71	2.71
Heating (Standard conditions)	Capacity	Btu/h	26000	38000	52000
	Input	W	2200	3800	4763
	Current	A	9.6	17.5	/
	COP	W/W	3.46	2.93	3.20
Rated Power Input		W	3700	5200	6300
Rated Current		A	18	23.0	11.0
Starting current		A	54.9	89	66
Indoor fan motor	Model		YKT-30-6-1	YKT-65-6-3	YKT-80-6-6
	Qty		1	1	1
	Input	W	/	/	/
	Capacitor	uF	3	5	4.5
	Speed(Hi/Mi/Lo)	r/min	620/480/410	670/560/470	760/690/610
Indoor coil	a.Number of rows		2	2	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	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	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	2135x168x26.74	2135x210x26.74	2135x210x40.11
	g.Number of circuits		4	5	10
Indoor air flow (Hi/Mi/Lo)		m3/h	1300/1000/820	1940/1580/1260	1916/1780/1620
Indoor noise level (Hi/Mi/Lo)		dB(A)	45.5/40/37.5	53/49/45	54/52/50
			外机节流	外机节流	外机节流
Indoor unit	Dimension(W*D*H)(body)	mm	830x830x205	830x830x245	830x830x245
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55
	Packing (W*D*H)(body)	mm	910x910x250	910x910x290	910x910x290
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	22.2/26.2	25.9/30.7	28.3/32.3
	Net/Gross weight(panel)	kg	6/9	6/9	6/9
	Drainage water pipe dia	mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Qty'per 20' /40' /40'HQ		Indoor unit	108/234/260	96/208/234	96/208/234
Compressor	Model		KTG275V2VMP	ATQ420V1SMT	C-SBN373H8D
	Type		ROTARY	Twin-ROTARY	SCROLL
	Brand		GMCC	GMCC	PANASONIC
	Capacity	W	8470	10435/10525	14100/17100
	Input	W	2015	3520/3755	4750/5600
	Rated current(RLA)	A	9.2	16.35/17.25	8.22/8.30
	Locked rotor Amp(LRA)	A	55	89	66.0
	Thermal protector		内置	UP14QE3105	/
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL
	Capacitor	μF	65	90	/
	Refrigerant oil/oil charge	ml	VG74 750ml	ESTER OIL VG75 · 1250	FV68S/1700
Outdoor fan motor	Model		YKT-65-6-240L	YKS-190-6-21L	YKT-65-6-34L
	Qty		1	1	2
	Input	W	135	293.3	162
	Capacitor	uF	5	10	3.5uf
	Speed	r/min	825	850/770	765
Outdoor coil	a.Number of rows		1.6	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	25.4x22	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	Φ7,Inner groove tube	Φ9.52,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	900*609*26.74	995x762x44	830*630*22+795*630*22
	g.Number of circuits		5	4	8
Outdoor noise level		dB(A)	60	63.5	62
			节流阀(Throttle valve)	节流阀(Throttle valve)	节流阀(Throttle valve)
Outdoor unit	Dimension(W*D*H)	mm	890x342x673	946x410x810	900x350x1170
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1032x443x1307
	Net/Gross weight	kg	52.9/55.9	75.6/80.4	98.6/109.3
	Refrigerant type	kg	R410A/2.0	R410A/2.8	R410A/3.3
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m	25	30	50
	Max. difference in level	m	15	20	30
Thermostat type			遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)
Operation temperature(根据遥控器可设置温度选择)		℃	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	℃	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃	18~43/-7~24	18~43/-7~24	18~43/-7~24
Qty'per 20' /40' /40'HQ		Outdoor unit	99/198/198	44/96/138	27/57/108