



New Energy Efficient Inverter Split Type



Cool/Dry/Heat

Model	Cooling Operation		Heating Operation	
	Capacity (BTU/h)	COP	Capacity (BTU/h)	COP
AY-XP07ER	7,200 (3,100-10,200)	4.12	10,200 (3,100-13,700)	4.11
AY-XP09ER	8,900 (3,100-10,200)	4.00	12,300 (3,100-17,100)	4.00
AY-XP12ER	12,000 (3,100-13,700)	3.65	15,700 (3,100-20,500)	3.87

Deodorant dust collection filter

Effectively traps dust and mites.



AZ-F900E






AE-X07ER
AE-X09ER
AE-X12ER

Model	Features
AY-XP07/09/12ER	



Operation

-  Inverter Controlled Operation
-  DC Digital Control Compressor
-  Twin Rotary Compressor
-  Full Power Mode
-  Lower Room Temperature Setting (from 18°C)
-  Computerised Dry Mode Operation
-  Auto Operation Mode
-  Auto Restart Function
-  Auto Changeover
-  Auto Ion Control





Airflow





-  Auto Swing Louver
-  Auto Air Swing
-  Progressive Airflow System

Fan Speed




-  Auto & 3-Step Fan Speed Settings
-  3-Step Fan Speed Settings (Manual)

Control Convenience












-  Microcomputer Control
-  LCD Wireless Remote Control
-  Energy-Saving Function
-  24-Hour ON/OFF Programmable Timer

-  12-Hour ON/OFF Timer
-  1-Hour OFF Timer
-  "Awakening" Function
-  "Auto Sleep" Function

Easy Installation

-  Dual Drain Setting
-  Compact Design
-  Easy Installation

Additional Features

-  Super Quiet Operation
-  Quiet Operation
-  Anti-Mold Filter
-  Air Purifying Filter
-  Deodorising Filter
-  Detachable & Washable Front Panel & Air Filter
-  Reduced Drainage
-  Detachable & Washable Front Panel & Air Filter
-  Detachable & Washable Air Filter
-  Self Cleaning Function
-  Easy Cleaning

* EER: Energy Efficiency Ratio

* E models are CE approved.

* Tropical type air conditioner can operate with outdoor temperatures up to 52°C.

* Values stated in BTU are reference values derived from values measured in kW.

* Specifications are subject to change without prior notice due to product development.



**New Energy Efficient
Inverter Split Type**

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**Plasmacluster Ion
Eco Inverter Split Type**

Plasmacluster Ion Split Type

Model	Indoor		AY-XP07ER	AY-XP09ER	AY-XP12ER	AH-AP09EV	AH-AP12EV	AY-XP08CE	AY-XP10CE	AY-XP13CE	AY-AP18CE	AY-AP24CE	AY-AP18DR	AY-AP24DR	AH-AP18CE	AH-AP24CE	AH-AP18DR	AH-AP24DR	AH-AP18CV	AH-AP18CM	AH-AP24CM
	Outdoor		AE-X07ER	AE-X09ER	AE-X12ER	AU-A09EV	AU-A12EV	AE-X08BE-C	AE-X10BE-C	AE-X13BE	AE-A18CE	AE-A24CE	AE-A18DR	AE-A24DR	AU-A18CE	AU-A24CE	AU-A18DR	AU-A24DR	AU-A18CV	AU-A18CM	AU-A24CM
Capacity	Cool (Min. - Max.)	kW	2.10 0.9-3.0	2.60 0.9-3.0	3.50 0.9-4.0	2.64	3.50	2.2 0.9-2.7	2.8 0.9-3.3	3.6 0.9-4.2	5.1	6.7	5.2	6.7	5.1	6.7	5.2	6.7	5.1	5.27	7.0
	Heat (Min. - Max.)	kW	3.00 0.9-4.0	3.60 0.9-5.0	4.60 0.9-6.0	820-850	1,090-1,120	3.2 0.9-3.6	3.7 0.9-5.0	4.8 1.0-6.2	5.8	8.3	5.5	8.1	-	-	-	-	-	-	-
Power supply	V-ph-Hz		220-240-10-50					220-240-10-50			220-230-240-10-50										
Voltage range	V		198-264					198-264			198-264										
Running current	Cool	A	2.7-2.5	3.5-3.2	4.8-4.4	3.8-3.6	5.0-4.8	3.4-3.1	4.3-4.0	5.5-5.1	9.7-9.3	13.7-13.2	9.3-9.2	13.1-12.7	9.7-9.3	13.7-13.2	9.3-9.2	13.1-12.7	9.7-9.3	10.0-9.8	13.9-13.2
	Heat	A	3.8-3.5	4.3-3.9	5.5-5.0	-	-	4.2-3.9	4.8-4.4	6.8-6.2	9.8-9.2	14.3-13.6	8.4-8.2	13.6-13.3	-	-	-	-	-	-	-
Power input	Cool (Min. - Max.)	W	510 150-900	650 150-900	960 150-1,400	820-850	1,090-1,120	730 340-1,030	930 340-1,230	1,200 290-1,540	2,010-2,080-2,150	2,680-2,760-2,840	1,990-2,070-2,150	2,620-2,690-2,760	2,010-2,080-2,150	2,680-2,760-2,840	1,990-2,070-2,150	2,620-2,690-2,760	2,010-2,150	2,050-2,160	2,700-2,890
	Heat (Min. - Max.)	W	730 130-1,400	900 130-1,400	1,190 130-1,800	-	-	910 340-1,220	1,050 340-1,450	1,480 330-2,000	1,960-2,025-2,100	2,760-2,865-2,970	1,770-1,850-1,930	2,750-2,825-2,900	-	-	-	-	-	-	-
COP	Cool		4.12	4.00	3.65	3.22-3.11	3.21-3.13	3.01	3.01	3.00	2.45	2.43	2.51	2.49	2.45	2.43	2.51	2.49	2.54	2.57	2.59
	Heat		4.11	4.00	3.87	-	-	3.52	3.52	3.24	2.86	2.90	2.97	2.87	-	-	-	-	-	-	-
Energy label	Cool	A	A	A	A	-	-	B	B	C	E	E	E	E	E	E	E	E	E	E	
	Heat	A	A	A	-	-	B	B	C	D	D	D	D	-	-	-	-	-	-	-	
Sound pressure level* (Cool)	Indoor (Hi/L0)	dB	38/26	43/28	45/31	43/28	45/31	33/27	36/27	38/29	40/34	44/37	41/34	45/37	40/34	44/37	41/34	45/37	40/34	40/34	44/37
	Outdoor	dB	46	48	49	43	48	43	43	48	52	54	52	54	52	54	52	54	52	52	54
Airflow volume (Cool/Indoor)	m ³ /min.		7.8	9.9	11.2	8.5	9.4	7.5	9.8	9.4	15.3	18.1	15.7	18.3	15.3	18.1	15.7	18.3	15.3	15.3	18.1
Dimensions	Indoor	W	810	810	810	810	810	815	815	815	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040
		H	285	285	285	285	285	278	278	278	325	325	325	325	325	325	325	325	325	325	325
		D	240	240	240	240	240	198	198	198	220	220	220	220	220	220	220	220	220	220	220
	Outdoor	W	730	730	780	780	780	780	780	780	890	890	890	890	890	890	890	890	890	890	890
		H	540	540	540	540	540	540	540	540	645	645	645	645	645	645	645	645	645	645	645
		D	250	250	265	269	269	269	269	269	327	327	327	327	327	327	327	327	327	327	327
Net weight	Indoor	kg	11	11	11	11	11	9	9	10	16	16	16	16	16	16	16	16	16	16	
	Outdoor	kg	36	36	37	33	38	35	36	39	58	64	54	61	55	61	51	60	55	51	61
Pipe diameter	Liquid side	inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
	Gas side	inch	3/8	3/8	1/2	3/8	1/3	3/8	3/8	1/2	1/2	5/8	1/2	1/2	1/2	5/8	1/2	1/2	1/2	1/2	
Refrigerant			R410A			R22		R22			R22		R410A		R22		R410A		R22		