

## PRODUCT SPECIFICATION

### [1] Specification

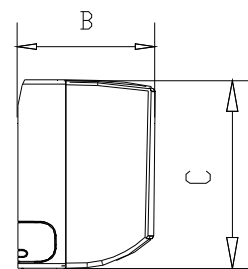
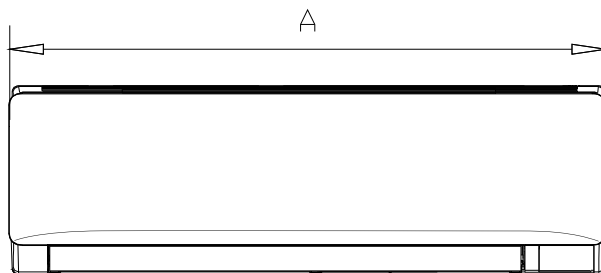
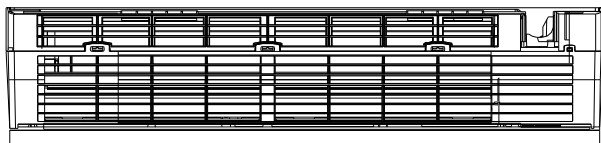
			Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Model Name			AY-X9UEZ	AE-X9UEZ	AY-X12UEZ	AE-X12UEZ
Rated frequency	Hz	50		50		
Phase	φ	Single		Single		
Rated voltage	V	220-240		220-240		
Cooling capacity (Min. ~Max.)	W	2500(900~3000)		3200(1000~3500)		
Heating capacity (Min. ~Max.)	W	2500(900~3200)		3200(1000~3650)		
Rated Input Power (Min. ~Max.)	Cool	W	730(300~1265)		1130(320~1750)	
	Heat	W	600(230~1035)		1020(320~1660)	
Rated current (Min. ~Max.)	Cooling	A	4.4(1.3~5.5)		6.7(1.4~7.6)	
	Heating	A	3.7(1.0~4.5)		6.1(1.4~7.2)	
SEER	W/W	5.6		5.6		
Energy Class		A+		A+		
SCOP (Average)	W/W	3.8		3.8		
Energy Class		A		A		
Noise level at cooling (Sound power level)	High	dB(A)	50	60	50	60
	Med.	dB(A)	44	56	44	56
	Low	dB(A)	36	52	36	52
Noise level at cooling (Sound pressure level)	High	dB(A)	38	50	38	50
	Med.	dB(A)	35	—	35	—
	Low	dB(A)	32	—	32	—
Indoor air circulation Cooling/heating	m <sup>3</sup> /h	550/550		550/550		
Indoor fan type		Cross Flow		Cross Flow		
Indoor fan speed (H/M/L)	Cooling	rpm	1150/1000/900		1150/1000/900	
	Heating	rpm	1150/1000/900		1150/1000/900	
	Dry	rpm	900		900	
	Sleep	rpm	900		900	
Indoor fan motor output	W	18		18		
Outdoor fan type		Propeller fan		Propeller fan		
Outdoor fan motor output	W	33		33		
Refrigerant	kg	R410A / 0.65kg		R410A / 0.78kg		
Expansion device		Capillary		Capillary		
Compressor	Type		Rotary		Rotary	
	Model		39A23MYJ&FJKD		39A23MYJ&FJKD	
	Frequency range		20~120		20~120	
Connecting Wiring	Size x Core number	4*1.0mm <sup>2</sup>		4*1.0mm <sup>2</sup>		
Connecting Pipe	Gas	Inches	3/8		3/8	
	Liquid	Inches	1/4		1/4	
Net dimensions(W x H x D)	mm	770x240x180	700x552x256	770x240x180	700x552x256	
Net weight	kg	8	26	8	26	
Packing dimensions(W x H x D)	mm	855*255*305	803*585*325	855*255*305	803*585*325	
Gross weight	kg	10	29	10	30	
<b>Features</b>						
Voltage Range	V	165~265		165~265		
Operating range for cooling		17°C-32°C	0°C-50°C	17°C-32°C	0°C-50°C	
Operating range for heating		0°C-30°C	-15°C-30°C	0°C-30°C	-15°C-30°C	
Air Direction (Up/Down)		Auto		Auto		
Air Direction (Left/Right)		Manual		Manual		
Fan Speed (Step)		3 Step		3 Step		
Anti mildew		Yes		Yes		
Sleep Mode		Yes		Yes		
Energy Saving Mode (ECO)		Yes		Yes		
Turbo Mode		Yes		Yes		
Dehumidification Mode(Dry)		Yes		Yes		
Auto Operation Mode(Feel)		Yes		Yes		
Fan Mode		Yes		Yes		
Temperature Display (88 display)		Yes		Yes		
Display On/Off function		Yes		Yes		
24 Hour Timer mode		Yes		Yes		
Auto Restart		Yes		Yes		
Dual drainage		No		No		

			Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Model Name			AY-X9USZ	AE-X9USZ	AY-X12USZ	AE-X12USZ
Rated frequency	Hz	50				
Phase	φ	Single				
Rated voltage	V	220-240				
Cooling capacity (Min. ~Max.)	W	2600(1000~3100)			3500(1050~3700)	
Heating capacity (Min. ~Max.)	W	2600(1000~3800)			3500(1050~4500)	
Rated Input Power (Min. ~Max.)	Cool	W	800(290~1100)		1080(290~1330)	
	Heat	W	700(290~1400)		940(290~1700)	
Rated current (Min. ~Max.)	Cooling	A	3.6(1.3~5.0)		4.9(1.3~6.1)	
	Heating	A	3.2(1.3~6.4)		4.3(1.3~7.8)	
SEER	W/W	6.1			6.1	
Energy Class		A++			A++	
SCOP (Average)	W/W	4.0			4.0	
Energy Class		A+			A+	
Noise level at cooling (Sound power level)	High	dB(A)	50	60	50	62
	Med.	dB(A)	46	56	46	58
	Low	dB(A)	38	52	38	54
Noise level at cooling (Sound pressure level)	High	dB(A)	42	52	42	54
	Med.	dB(A)	39	—	39	—
	Low	dB(A)	32	—	32	—
Indoor air circulation Cooling/heating	m <sup>3</sup> /h	650/650			650/650	
Indoor fan type		Cross Flow			Cross Flow	
Indoor fan speed (H/M/L)	Cooling	rpm	1150/1000/900		1150/1000/900	
	Heating	rpm	1150/1000/900		1150/1000/900	
	Dry	rpm	900		900	
	Sleep	rpm	900		900	
Indoor fan motor output	W	18			18	
Outdoor fan type		Propeller fan			Propeller fan	
Outdoor fan motor output	W	33			33	
Refrigerant	kg	R410A / 0.80kg			R410A / 1.00kg	
Expansion device		Capillary			Capillary	
Compressor	Type		Rotary			Rotary
	Model		43A23EEL&PJKD			43A26DEL-PJKE
	Frequency range		20~120			20~120
Connecting Wiring	Size x Core number	4*1.0mm <sup>2</sup>			4*1.5mm <sup>2</sup>	
Connecting Pipe	Gas	Inches	3/8			3/8
	Liquid	Inches	1/4			1/4
Net dimensions(W x H x D)	mm	800x280x183	760x552x256	800x280x183	760x552x256	
Net weight	kg	10	30	10	32	
Packing dimensions(W x H x D)	mm	885x278x366	863x585x325	885x278x366	863x585x325	
Gross weight	kg	12	33	12	36	
<b>Features</b>						
Voltage Range	V	165~265			165~265	
Operating range for cooling		17°C-32°C	0°C-50°C	17°C-32°C	0°C-50°C	
Operating range for heating		0°C-30°C	-15°C-30°C	0°C-30°C	-15°C-30°C	
Air Direction (Up/Down)		Auto			Auto	
Air Direction (Left/Right)		Manual			Manual	
Fan Speed (Step)		3 Step			3 Step	
Anti mildew		Yes			Yes	
Sleep Mode		Yes			Yes	
Energy Saving Mode (ECO)		Yes			Yes	
Turbo Mode		Yes			Yes	
Dehumidification Mode(Dry)		Yes			Yes	
Auto Operation Mode(Feel)		Yes			Yes	
Fan Mode		Yes			Yes	
Temperature Display (88 display)		Yes			Yes	
Display On/Off function		Yes			Yes	
24 Hour Timer mode		Yes			Yes	
Auto Restart		Yes			Yes	
Dual drainage		No			No	

			Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
			AY-X18USZ	AE-X18USZ	AY-X24USZ	AE-X24USZ
Rated frequency	Hz	50				
Phase	φ	Single				
Rated voltage	V	220-240				
Cooling capacity (Min. ~Max.)	W	5100(1800-5700)			6400(1500~7500)	
Heating capacity (Min. ~Max.)	W	5100(1800-6500)			6600(1500~8000)	
Rated Input Power (Min. ~Max.)	Cool	W	1660(500-2100)			2150(350~2800)
	Heat	W	1630(500-2350)			1850(300~3200)
Rated current (Min. ~Max.)	Cooling	A	7.6(2.3~9.6)			9.8(1.7~13.5)
	Heating	A	7.5(2.3~10.8)			8.5(1.5~15.5)
SEER	W/W	6.1			6.1	
Energy Class		A++			A++	
SCOP (Average)	W/W	4.0			4.0	
Energy Class		A+			A+	
Noise level at cooling (Sound power level)	High	dB(A)	54	65	60	68
	Med.	dB(A)	48	58	56	66
	Low	dB(A)	40	54	52	62
Noise level at cooling (Sound pressure level)	High	dB(A)	45	56	52	60
	Med.	dB(A)	39	—	48	—
	Low	dB(A)	32	—	43	—
Indoor air circulation Cooling/heating	m <sup>3</sup> /h	850/850			1200/1200	
Indoor fan type		Cross Flow			Cross Flow	
Indoor fan speed (H/M/L)	Cooling	rpm	1280/1120/950			1250/1080/950
	Heating	rpm	1230/1100/950			1250/1080/950
	Dry	rpm	950			950
	Sleep	rpm	950			950
Indoor fan motor output	W	26			45	
Outdoor fan type		Propeller fan			Propeller fan	
Outdoor fan motor output	W	40			70	
Refrigerant	kg	R410A / 1.20kg			R410A / 2.05kg	
Expansion device		Electronic expansion valve			Capillary	
Compressor	Type		Rotary			Rotary
	Model		45A33LPX-PEKG			ATL165UDPC9AU
	Frequency range		30~120			10~120
Connecting Wiring	Size x Core number	4*1.5mm <sup>2</sup>			4*1.5mm <sup>2</sup>	
Connecting Pipe	Gas	Inches	1/2			5/8
	Liquid	Inches	1/4			3/8
Net dimensions(W x H x D)	mm	900x280x200	780x605x290	1033x313x204	902x650x307	
Net weight	kg	11	40.5	14	50	
Packing dimensions(W x H x D)	mm	985x298x365	883x653x412	1103x300x400	1015x720x425	
Gross weight	kg	14	45	17	56	
<b>Features</b>						
Voltage Range	V	165~265			165~265	
Operating range for cooling		17°C-32°C	0°C-50°C	17°C-32°C	0°C-50°C	
Operating range for heating		0°C-30°C	-15°C-30°C	0°C-30°C	-15°C-30°C	
Air Direction (Up/Down)		Auto			Auto	
Air Direction (Left/Right)		Manual			Manual	
Fan Speed (Step)		3 Step			3 Step	
Anti mildew		Yes			Yes	
Sleep Mode		Yes			Yes	
Energy Saving Mode (ECO)		Yes			Yes	
Turbo Mode		Yes			Yes	
Dehumidification Mode(Dry)		Yes			Yes	
Auto Operation Mode(Feel)		Yes			Yes	
Fan Mode		Yes			Yes	
Temperature Display (88 display)		Yes			Yes	
Display On/Off function		Yes			Yes	
24 Hour Timer mode		Yes			Yes	
Auto Restart		Yes			Yes	
Dual drainage		No			No	

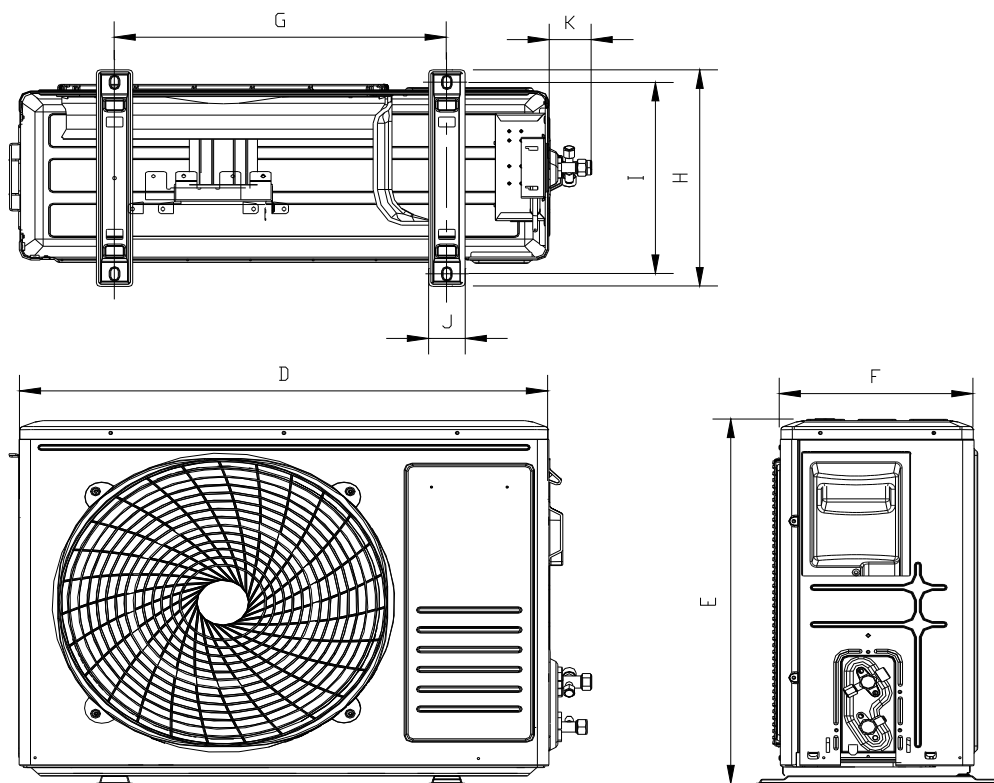
## [2] Product Dimensions

### Indoor Unit



Indoor units	A (mm)	B (mm)	C (mm)
AY-X9UEZ	770	180	240
AY-X12UEZ	770	180	240
AY-X9USZ	800	183	280
AY-X12USZ	800	183	280
AY-X18USZ	900	200	280
AY-X24USZ	1033	204	313

**Outdoor Unit:**



Outdoor units	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	K(mm)
AE-X9UEZ	700	552	256	439	302	277.8	48	55
AE-X12UEZ	700	552	256	439	302	277.8	48	55
AE-X9USZ	760	552	256	507.8	302	277.8	48	55
AE-X12USZ	760	552	256	507.8	302	277.8	48	55
AE-X18USZ	780	605	290	521	360	327.5	55	57
AE-X24USZ	902	650	307	623	374	347	61	59