

# SPLIT AIR CONDITIONERS

North America Catalog

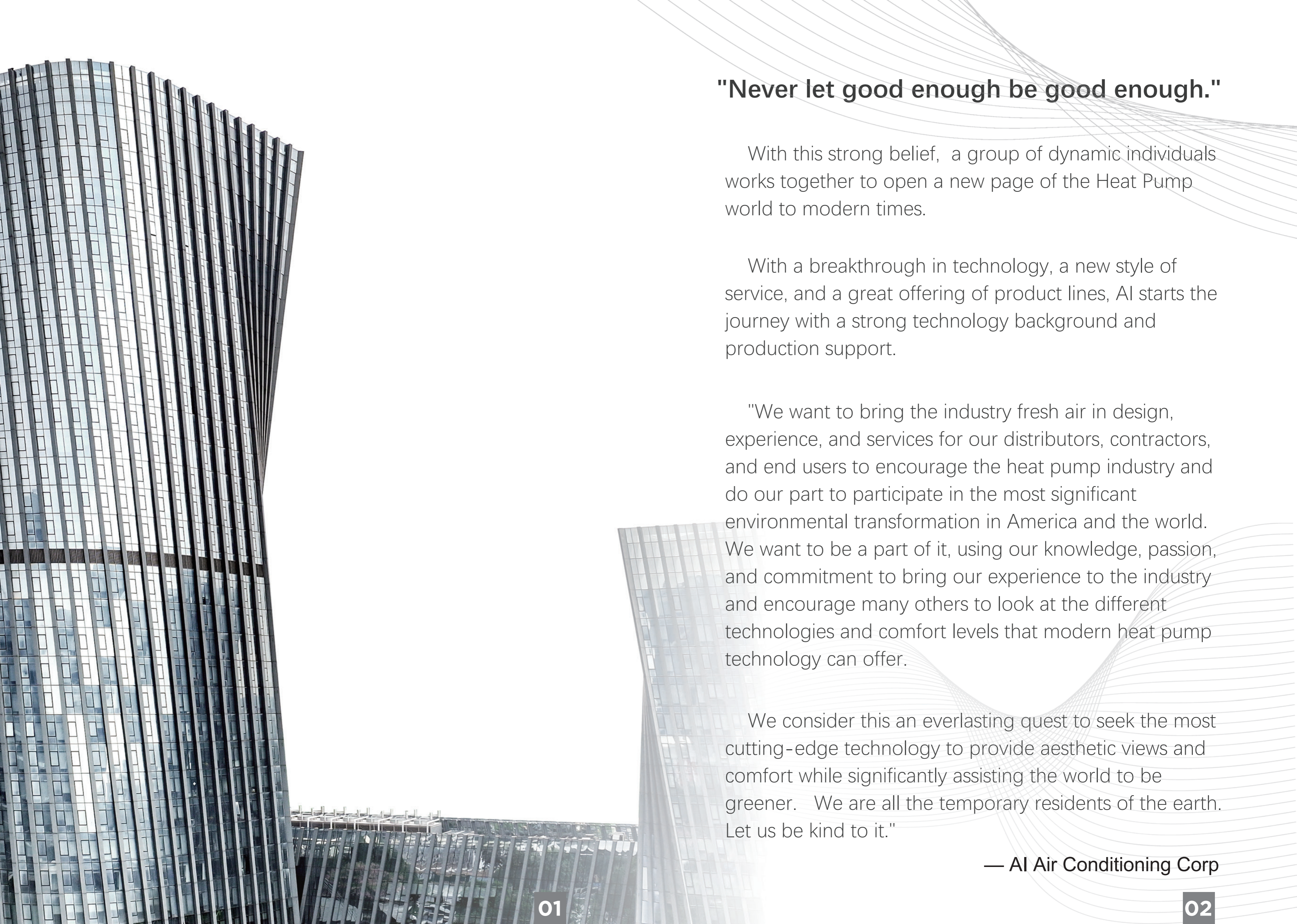
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2024



AI AIR CONDITIONING CORP.  
158-15, Union Turnpike, Fresh Meadows, NY 11366 USA  
Website: [www.aihvacglobal.com](http://www.aihvacglobal.com)

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## "Never let good enough be good enough."

With this strong belief, a group of dynamic individuals works together to open a new page of the Heat Pump world to modern times.

With a breakthrough in technology, a new style of service, and a great offering of product lines, AI starts the journey with a strong technology background and production support.

"We want to bring the industry fresh air in design, experience, and services for our distributors, contractors, and end users to encourage the heat pump industry and do our part to participate in the most significant environmental transformation in America and the world. We want to be a part of it, using our knowledge, passion, and commitment to bring our experience to the industry and encourage many others to look at the different technologies and comfort levels that modern heat pump technology can offer.

We consider this an everlasting quest to seek the most cutting-edge technology to provide aesthetic views and comfort while significantly assisting the world to be greener. We are all the temporary residents of the earth. Let us be kind to it."





— AI Air Conditioning Corp

2024 RESIDENTIAL  
**AIR CONDITIONER**



## Product Overview

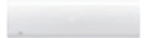





### ■ Mini Split

Series Name	Capacity(Btu/h)	9000 (115V)	12000 (115V)	6000 (230V)	9000 (230V)	12000 (230V)	18000 (230V)	24000 (230V)	30000 (230V)	33000 (230V)	36000 (230V)
21 SEER Series 	DC Inverter , R410A	●	●		●	●	●	●	●		●
24 SEER Series 	DC Inverter , R410A				●	●	●	●			
25 SEER Series 	DC Inverter , R410A	●	●	●	●	●	●	●			
29 SEER Series 	DC Inverter , R410A				●	●	●	●		●	






### ■ Light Commercial Outdoor

Series Name	Capacity(Btu/h)	9000 (230V)	12000 (230V)	18000 (230V)	24000 (230V)	27000 (230V)	30000 (230V)	36000 (230V)	48000 (230V)	55000 (230V)	60000 (230V)
Multi Zone (Standard Outdoor)	DC Inverter , R410A			●		●		●	●	●	
Multi Zone (Mega Heat Outdoor)	DC Inverter , R410A			●		●		●	●	●	
U-Match (Standard Outdoor)	DC Inverter , R410A	●	●	●	●			●	●		●
U-Match (Mega Heat Outdoor)	DC Inverter , R410A	●	●	●	●			●	●	●	
INNOVA (Standard Outdoor)	DC Inverter , R410A			●	●		●	●	●		●
INNOVA (Mega Heat Outdoor)	DC Inverter , R410A			●	●		●	●	●		●




### ■ Multi Zone Indoor

Series Name	Capacity(Btu/h)	6000 (230V)	9000 (230V)	12000 (230V)	16000 (230V)	18000 (230V)	24000 (230V)	30000 (230V)	36000 (230V)	48000 (230V)	60000 (230V)
Wall Mounted 	DC Inverter , R410A	●	●	●		●	●	●	●		
Cassette 	DC Inverter , R410A		●	●		●	●				
One-way Cassette 	DC Inverter , R410A	●	●	●		●					
Duct 	DC Inverter , R410A		●	●		●	●				
Console 	DC Inverter , R410A			●	●						
Floor Ceiling 	DC Inverter , R410A					●	●				


### ■ U-Match Indoor

Series Name	Capacity(Btu/h)	6000 (230V)	9000 (230V)	12000 (230V)	16000 (230V)	18000 (230V)	24000 (230V)	30000 (230V)	36000 (230V)	48000 (230V)	60000 (230V)
Round Flow Cassette 	DC Inverter , R410A		●	●		●	●		●	●	
One-way Cassette 	DC Inverter , R410A	●	●	●		●					
Duct 	DC Inverter , R410A		●	●		●	●		●	●	●
Console 	DC Inverter , R410A			●	●						
Floor Ceiling 	DC Inverter , R410A					●	●		●	●	●

### ■ INNOVA Indoor

Series Name	Capacity(Btu/h)	18000 (230V)	24000 (230V)	30000 (230V)	36000 (230V)	48000 (230V)	60000 (230V)
Air Handler 	DC Inverter , R410A	●	●	●	●	●	●
A Coil 	DC Inverter , R410A	●	●	●	●	●	●
Pancake 	DC Inverter , R410A	●	●	●	●		
Wall Mounted AHU 	DC Inverter , R410A	●	●	●	●		

### ■ Floor Standing

Series Name	Capacity(Btu/h)	36000 (230V)
Floor Standing 	DC Inverter , R410A	●

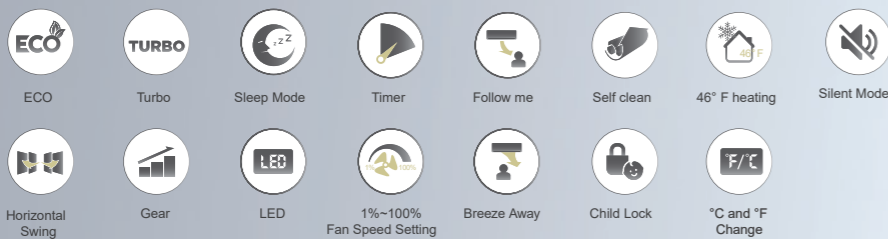


# MINI SPLIT

- Longer Airflow
- Louver Position Memory Function
- Smart Control
- Gear Function (optional)



## Standard Features



## Optional Features



## 21 SEER SERIES

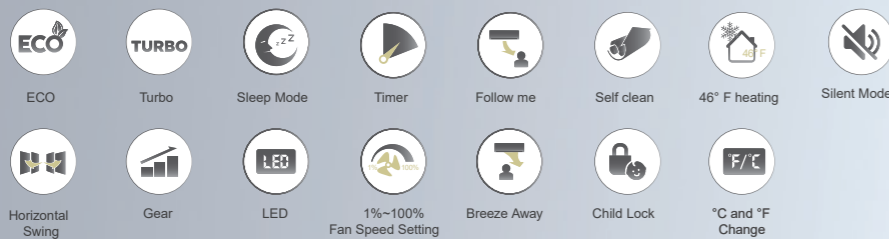
Model	Indoor Unit	AW21-09N1-B1	AW21-12N1-B1	AW21-09N1-M1	AW21-12N1-M1	AW21-18N1-M1	AW21-24N1-M1	AW21-30N1-M1-A	AW21-36N1-M1-A
	Outdoor Unit	AO21-09N1-B1	AO21-12N1-B1	AO21-09N1-M1	AO21-12N1-M1	AO21-18N1-M1	AO21-24N1-M1	AO21-30N1-M1	AO21-36N1-M1
<b>PERFORMANCE</b>									
Cooling	SEER2	21.5	20.8	21.7	21.4	19.5	18.5	21.0	18
	EER2	12.5	10.3	12.6	10.8	11.0	9.5	12.2	9.5
Heating	HSPF2-4	9.1	8.7	9.4	9.2	8.7	8.6	8.7	7.8
	COP	3.3	3.1	3.2	3.4	3.1	3.0	2.8	2.8
Cooling	Rated (Min/Max)	9000(2650-10300)	12000(3800-12100)	9000(2900-10500)	12000(3800-13350)	18000(3900-20000)	24000(6200-24600)	30000(8200-30670)	36000(8300-37500)
	Moisture Removal	0.891 LH (1.9pint/H)	1.46 LH (3.1pint/H)	0.945 LH (2.0pint/H)	1.21 LH (2.6pint/H)	2.49 LH (5.3pint/H)	2.7 LH (5.7pint/H)	3.62 LH (7.6pint/H)	4.48 LH (9.5pint/H)
	Standard Operating Range	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	5°F-122°F (-15°C-50°C)	-13°F-122°F (-25°C-50°C)
Heating	47°F Rated (Min/Max)	10000(2700-10500)	12000(2730-12500)	10000(2400-10500)	12000(2730-13900)	18800(6300-19400)	24000(6800-26800)	30000(11800-30800)	36000(10900-37360)
	17°F Rated	6300	7800	6000	7000	11400	14500	20000	20000
	5°F Max. Capacity / COP	7000 / 2.16	6300 / 1.78	7000 / 2.00	8000 / 1.79	11700 / 2.06	14800 / 1.83	20000 / 1.85	22000 / 2.01
	Standard Operating Range	5°F-75°F (-15°C-24°C)	5°F-75°F (-15°C-24°C)	5°F-75°F (-15°C-24°C)	5°F-75°F (-15°C-24°C)	5°F-75°F (-15°C-24°C)	5°F-75°F (-15°C-24°C)	-13°F-75°F (-25°C-24°C)	5°F-75°F (-15°C-24°C)
<b>INDOOR SPECIFICATION</b>									
Indoor Air Flow (H/M/L) (CFM)		239/170/137	300/241/176	246/176/141	291/197/156	459/329/271	546/402/331	740/701/535	653/447/329
Indoor Noise Level (H/M/L) (dBA)		37.5/28/20	41/35/26.5	37/28/20	41/35/24	45/38/30.0	45/39.5/36	50.5/45.5/39.5	54/45/40
Dimension(WxDxH)	inch	28½ x 7¼ x 11½	31½ x 7¼ x 11½	28½ x 7¼ x 11½	31½ x 7¼ x 11½	38½ x 9 x 12½	42½ x 9¼ x 13¼	49½ x 11½ x 14¼	49½ x 11½ x 14¼
	mm	729 x 200 x 292	802 x 200 x 295	729 x 200 x 292	802 x 200 x 295	971 x 228 x 321	1082 x 234 x 337	1259 x 283 x 362	1259 x 283 x 362
Package(WxDxH)	inch	31¼ x 10½ x 14¼	34½ x 11¼ x 15	31¼ x 10½ x 14¼	34½ x 11¼ x 15	41¼ x 12 x 16	45¼ x 16¼ x 12½	52¼ x 17¼ x 15¼	52¼ x 17¼ x 15¼
	mm	790 x 270 x 375	875 x 285 x 380	790 x 270 x 375	875 x 285 x 380	1045 x 305 x 405	1155 x 415 x 315	1340 x 450 x 385	1340 x 450 x 385
Net/Gross Weight	lbs	18/23	19/24	18/22	19/24	24/32	30/38	43/56	43/56
	kg	8.0/10.3	8.4/10.9	8.0/10.2	8.5/10.9	11.1/14.4	13.6/17.3	19.5/25.2	19.4/25.2
<b>OUTDOOR SPECIFICATION</b>									
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	Twin-ROTARY	ROTARY	ROTARY
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Outdoor Air Flow (Max) (CFM)		1294	1235	1294	1235	1235	1765	2235	2235
Outdoor Noise Level (dBA)		55	53.5	54.5	53.5	57	60	62.5	65
Dimension(WxDxH)	inch	30¼ x 11¼ x 21¼	30¼ x 11¼ x 21¼	30¼ x 11¼ x 21¼	30¼ x 11¼ x 21¼	31¼ x 13 x 21¼	35 x 13¼ x 26¼	37¼ x 16¼ x 31¼	37¼ x 16¼ x 31¼
	mm	765 x 303 x 555	765 x 303 x 555	765 x 303 x 555	765 x 303 x 555	805 x 330 x 554	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810
Package(WxDxH)	inch	34¼ x 13¼ x 24	34¼ x 13¼ x 24	34¼ x 13¼ x 24	34¼ x 13¼ x 24	36 x 14¼ x 24¼	39¼ x 15¼ x 29¼	42¼ x 19¼ x 34¼	42¼ x 19¼ x 34¼
	mm	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	915 x 370 x 615	995 x 398 x 740	1090 x 500 x 885	1090 x 500 x 885
Net/Gross Weight	lbs	58/63	62/68	55/61	59/65	74/80	98/105	143/153	150/159
	kg	26.2/28.8	28.2/30.7	25.0/27.6	26.9/29.4	33.5/36.2	44.4/47.4	64.8/69.2	68.1/72.1
<b>ELECTRICAL</b>									
Power Supply		115V,1Ph,60Hz	115V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
System MCA (A)		20	18.5	12	15	15	19	25	28
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP (A)		20	20	15	15	20	20	30	30
<b>PIPING</b>									
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)
Gas Size		3/8in (9.52mm)	1/2in (12.7mm)	3/8in (9.52mm)	1/2in (12.7mm)	1/2in (12.7mm)	5/8in (15.9mm)	5/8in (15.9mm)	5/8in (15.9mm)

# MINI SPLIT

- 46°F Heating
- Longer Airflow
- Louver Position Memory Function
- Smart Control
- Gear Function (optional)



## Standard Features



## Optional Features



**MEGA HEAT**



## 24 SEER SERIES

Model	Indoor Unit	AW25-09N1-M1	AW25-12N1-M1	AW25-18N1-M1	AW25-24N1-M1
	Outdoor Unit	AO24-09N1-M1H	AO24-12N1-M1H	AO24-18N1-M1H	AO24-24N1-M1H
<b>PERFORMANCE</b>					
Cooling	SEER2	24.0	23.1	24.0	21.0
	EER2	14.7	13.0	13.5	13.0
Heating	HSPF2-4	11.6	10.8	10.5	8.5
	COP	3.7	3.4	3.7	3.2
Cooling	Rated (Min/Max)	9000(2500~11900)	12000(3600~13300)	18000(7320~19500)	24000(9200~25000)
	Moisture Removal	1.249 L/H (2.6pint/H)	1.34 L/H (2.8pint/H)	1.55 L/H (3.3pint/H)	2.57 L/H (5.4pint/H)
	Standard Operating Range	-13°F~-122°F (-25°C~50°C)	-13°F~-122°F (-25°C~50°C)	-13°F~-122°F (-25°C~50°C)	-13°F~-122°F (-25°C~50°C)
Heating	47°F Rated (Min/Max)	10000(3400~13000)	12000(4500~13500)	18000(6620~21200)	26000(10350~26410)
	17°F Rated	8100	10000	14100	17400
	5°F Max: Capacity / COP	7500 / 2.25	8400 / 2.41	12800 / 2.44	14800 / 1.8
	Standard Operating Range	-13°F~75°F (-25°C~24°C)	-13°F~75°F (-25°C~24°C)	-13°F~75°F (-25°C~24°C)	-13°F~75°F (-25°C~24°C)
<b>INDOOR SPECIFICATION</b>					
Indoor Air Flow (H/M/L) (CFM)		341/291/194	341/291/194	761/531/459	761/601/459
Indoor Noise Level (H/M/L) (dBA)		40/34/23.5	42/36/25	45.5/41/24.5	48/40/28
Dimension(W×D×H)	inch	31½ x 7½ x 11½	31½ x 7½ x 11½	42½ x 9¼ x 13¼	42½ x 9¼ x 13¼
	mm	802 x 200 x 295	802 x 200 x 295	1082 x 234 x 337	1082 x 234 x 337
Package(W×D×H)	inch	34½ x 11¼ x 15	34½ x 11¼ x 15	45½ x 16½ x 12¾	45½ x 16½ x 12¾
	mm	875 x 285 x 380	875 x 285 x 380	1155 x 415 x 315	1155 x 415 x 315
Net/Gross Weight	lbs	19/24	19/24	30/38	30/38
	kg	8.6/11	8.5/11	13.4/17	13.6/17.3
<b>OUTDOOR SPECIFICATION</b>					
Compressor Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
Refrigerant		R410A	R410A	R410A	R410A
Outdoor Air Flow (Max) (CFM)		1294	1294	2059	2235
Outdoor Noise Level (dBA)		53	54.5	58.8	62
Dimension(W×D×H)	inch	30½ x 11½ x 21¾	30½ x 11½ x 21¾	35 x 13½ x 26½	37¼ x 16½ x 31¾
	mm	765 x 303 x 555	765 x 303 x 555	890 x 342 x 673	946 x 410 x 810
Package(W×D×H)	inch	34¾ x 13¼ x 24	34¾ x 13¼ x 24	39¾ x 15½ x 29¾	42¾ x 19½ x 34¾
	mm	887 x 337 x 610	887 x 337 x 610	995 x 398 x 740	1090 x 500 x 885
Net/Gross Weight	lbs	64/69	64/69	94/101	125/135
	kg	28.9/31.3	28.9/31.3	42.8/45.8	56.6/61.2
<b>ELECTRICAL</b>					
Power Supply		208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
System MCA (A)		13	13	19	23
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP (A)		15	15	30	30
<b>PIPING</b>					
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)
Gas Size		3/8in (9.52mm)	1/2in (12.7mm)	1/2in (12.7mm)	5/8in (15.9mm)

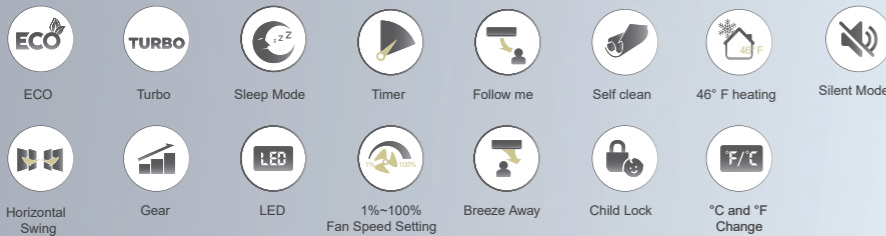


# MINI SPLIT

- -22°F Heating
- Longer Airflow
- Louver Position Memory Function
- Smart Control
- Gear Function (optional)



### Standard Features



### Optional Features



## 25 SEER SERIES

Model	Indoor Unit	AW25-09N1-B1	AW25-12N1-B1	AW25-06N1-M1	AW25-09N1-M1	AW25-12N1-M1	AW25-18N1-M1	AW25-24N1-M1
	Outdoor Unit	AO25-09N1-B1H	AO25-12N1-B1H	AO25-06N1-M1H	AO25-09N1-M1H	AO25-12N1-M1H	AO25-18N1-M1H	AO25-24N1-M1H
<b>PERFORMANCE</b>								
Cooling	SEER2	23.0	22.7	23.5	26.4	23.1	22.0	22.3
	EER2	13.8	12.5	15.0	15.8	13.0	13.0	12.5
Heating	HSPF2-4	9.8	10.4	12.0	11.6	10.5	10.6	10.3
	COP	3.9	3.5	3.8	3.9	3.6	3.4	3.0
Cooling	Rated (Min/Max)	9000(3930~13200)	12000(3930~13200)	6000(2500~11800)	9000(3700~13300)	12000(3700~13300)	18000(8400~20200)	23000(4650~26600)
	Moisture Removal	0.81 L/H (1.7pint/H)	1.35 L/H (2.8pint/H)	0.35 L/H (0.7pint/H)	0.4 L/H (0.8pint/H)	1.45 L/H (3.1pint/H)	1.35 L/H (2.8pint/H)	2.43 L/H (5.1pint/H)
	Standard Operating Range	-13°F~-122°F (-25°C~50°C)	-13°F~-122°F (-25°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)
Heating	47°F Rated (Min/Max)	10000(5000~12600)	12000(5000~12600)	7000(3400~11230)	12000(5100~14300)	12000(5100~14300)	18000(6000~23000)	26000(9550~27000)
	17°F Rated	5900	8900	7500	9300	10300	11100	18900
	5°F Max. Capacity / COP	6700 / 2.06	6700 / 2.06	7100 / 1.84	11000 / 1.85	11000 / 1.88	17200 / 1.89	23000 / 1.8
	Standard Operating Range	-13°F~-75°F (-25°C~24°C)	-13°F~-75°F (-25°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)
<b>INDOOR SPECIFICATION</b>								
Indoor Air Flow (H/M/L) (CFM)		341/300/241	341/300/241	294/247/176	341/291/194	341/291/194	761/531/459	761/601/459
Indoor Noise Level (H/M/L) (dBA)		41.5/36/24	41.5/36/24	38.5/33/20.5	40/35/23.5	41.5/36/24	46/40/25	46.5/44/35
Dimension(WxDxH)	inch	31½ x 7¼ x 11½	31½ x 7¼ x 11½	28½ x 7¼ x 11½	31½ x 7¼ x 11½	31½ x 7¼ x 11½	42½ x 9¼ x 13¼	42½ x 9¼ x 13¼
	mm	802 x 200 x 295	802 x 200 x 295	729 x 200 x 292	802 x 200 x 295	802 x 200 x 295	1082 x 234 x 337	1082 x 234 x 337
Package(WxDxH)	inch	34½ x 11¼ x 15	34½ x 11¼ x 15	31½ x 10¾ x 14¼	34½ x 11¼ x 15	34½ x 11¼ x 15	45½ x 16¾ x 12¾	45½ x 16¾ x 12¾
	mm	875 x 285 x 380	875 x 285 x 380	790 x 270 x 375	875 x 285 x 380	875 x 285 x 380	1155 x 415 x 315	1155 x 415 x 315
Net/Gross Weight	lbs	19/24	19/24	18/22	19/24	19/24	30/37	30/38
	kg	8.6/11	8.6/11.1	8.0/10.2	8.6/11	8.5/11	13.4/17	13.6/17.3
<b>OUTDOOR SPECIFICATION</b>								
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	Twin-ROTARY	Twin-ROTARY
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Outdoor Air Flow (Max) (CFM)		794	794	1294	1324	1324	1785	2235
Outdoor Noise Level (dBA)		54	54	53.5	55.5	56	58	62.5
Dimension(WxDxH)	inch	30¼ x 11¼ x 21¼	30¼ x 11¼ x 21¼	30¼ x 11¼ x 21¼	31¼ x 13 x 21¼	31¼ x 13 x 21¼	35 x 13¼ x 26¼	37¼ x 16¼ x 31¼
	mm	765 x 303 x 555	765 x 303 x 555	765 x 303 x 555	805 x 330 x 554	805 x 330 x 554	890 x 342 x 673	946 x 410 x 810
Package(WxDxH)	inch	34½ x 13¼ x 24	34½ x 13¼ x 24	34½ x 13¼ x 24	36 x 14¾ x 24¼	36 x 14¾ x 24¼	39¼ x 15¾ x 29¼	42¼ x 19¾ x 34¼
	mm	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	915 x 370 x 615	915 x 370 x 615	995 x 398 x 740	1090 x 500 x 885
Net/Gross Weight	lbs	67/72	67/72	64/69	74/80	74/79	101/108	134/144
	kg	30.3/32.8	30.3/32.8	28.9/31.3	33.6/36.4	33.4/36	45.8/49	61/65.5
<b>ELECTRICAL</b>								
Power Supply		115V,1Ph,60Hz	115V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
System MCA (A)		19	19	13	15	15	20	25
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP (A)		20	20	15	15	15	25	30
<b>PIPING</b>								
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)
Gas Size		1/2in (12.7mm)	1/2in (12.7mm)	3/8in (9.52mm)	3/8in (9.52mm)	1/2in (12.7mm)	1/2in (12.7mm)	5/8in (15.9mm)

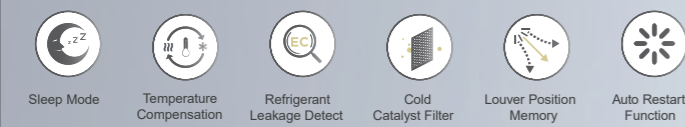


# MINI SPLIT

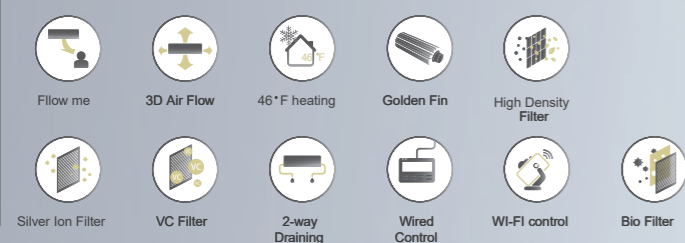
- Extra Low Temperature Heating
- -22°F Heating
- Wi-Fi Control



### Standard Features



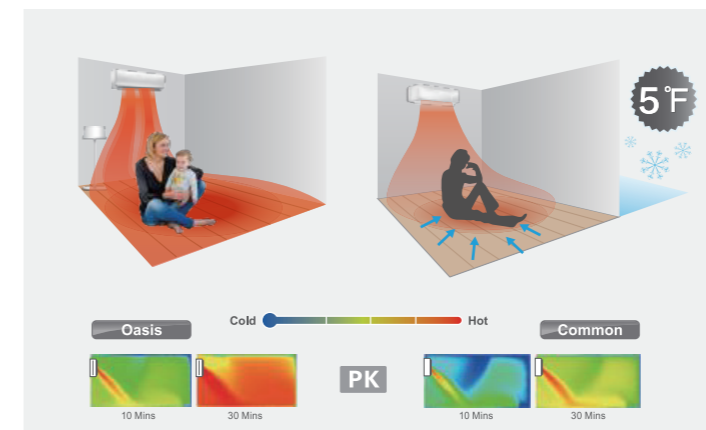
### Optional Features



## 29 SEER SERIES

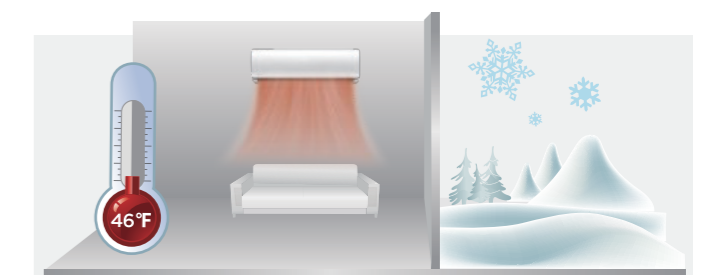
Model	Indoor Unit	AW29-09N1-M1	AW29-12N1-M1	AW29-18N1-M1	AW29-24N1-M1	AW29-33N1-M1
	Outdoor Unit	AO29-09N1-M1H	AO29-12N1-M1H	AO29-18N1-M1H	AO29-24N1-M1H	AO29-33N1-M1H
<b>PERFORMANCE</b>						
Cooling	SEER2	29.0	27.5	26.3	21.5	19.5
	EER2	16.5	14.3	15.3	13.0	12.0
Heating	HSPF2-4	22.0	14.5	15.5	11.4	10.0
	COP	3.9	3.9	4.3	3.4	3.1
Cooling	Rated (Min/Max)	9000(2900~16900)	12000(2900~16900)	18000(6800~27000)	24000(6850~27000)	33000(15000~39700)
	Moisture Removal	0.027L/H (0.1pint/H)	0.594L/H (1.3pint/H)	1.035L/H (2.2pint/H)	2.6L/H (5.5pint/H)	3.85L/H (8.1pint/H)
	Standard Operating Range	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)	-22°F~-122°F (-30°C~50°C)
Heating	47°F Rated (Min/Max)	12000(5100~19000)	12000(5100~19000)	20000(11900~31000)	29000(11600~33000)	35000(19000~40000)
	17°F Rated	11400	11400	20200	21200	28800
	5°F Max: Capacity / COP	13500 / 1.86	13500 / 1.86	24000 / 2.07	25000 / 2.21	34600 / 1.8
	Standard Operating Range	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)	-22°F~-75°F (-30°C~24°C)
<b>INDOOR SPECIFICATION</b>						
Indoor Air Flow (H/M/L) (CFM)		424/212/153	424/212/153	611/414/319	719/611/414	894/771/600
Indoor Noise Level (H/M/L) (dBA)		41/36.5/28	41/36.5/28	46/39/34	46/39/34	52/46/35
Dimension(W×D×H)	inch	40 x 9¼ x 12½	40 x 9¼ x 12½	46¾ x 11¼ x 14¾	46¾ x 11¼ x 14¾	46¾ x 11¼ x 14¾
	mm	1017 x 246 x 320	1017 x 246 x 320	1190 x 284 x 370	1190 x 284 x 370	1190 x 284 x 370
Package(W×D×H)	inch	43¾ x 12¾ x 15¾	43¾ x 12¾ x 15¾	50¾ x 14¾ x 17¾	50¾ x 14¾ x 17¾	50¾ x 14¾ x 17¾
	mm	1095 x 325 x 400	1095 x 325 x 400	1280 x 360 x 455	1280 x 360 x 455	1280 x 360 x 455
Net/Gross Weight	lbs	28/40	28/40	44/55	44/55	43/55
	kg	12.7/18	12.7/18	19.8/24.9	19.8/24.9	19.7/25
<b>OUTDOOR SPECIFICATION</b>						
Compressor Type		ROTARY	ROTARY	Twin-ROTARY	Twin-ROTARY	Twin-ROTARY
Refrigerant		R410A	R410A	R410A	R410A	R410A
Outdoor Air Flow (Max) (CFM)		1765	1765	2235	2235	2235
Outdoor Noise Level (dBA)		56.5	56.5	62	62	63
Dimension(W×D×H)	inch	35 x 13½ x 26½	35 x 13½ x 26½	37¼ x 16¼ x 31¼	37¼ x 16¼ x 31¼	37¼ x 16¼ x 31¼
	mm	890 x 342 x 673	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	946 x 410 x 810
Package(W×D×H)	inch	39¾ x 15¾ x 29¾	39¾ x 15¾ x 29¾	42¾ x 19¾ x 34¾	42¾ x 19¾ x 34¾	42¾ x 19¾ x 34¾
	mm	995 x 398 x 740	995 x 398 x 740	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885
Net/Gross Weight	lbs	101/107	101/107	134/144	134/144	160/169
	kg	46/48.7	46/48.7	61/65.5	61/65.5	72.5/76.6
<b>ELECTRICAL</b>						
Power Supply		208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
System MCA (A)		16	16	25	25	36
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP (A)		20	20	30	30	40
<b>PIPING</b>						
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)
Gas Size		1/2in (12.7mm)	1/2in (12.7mm)	5/8in (15.9mm)	5/8in (15.9mm)	3/4in (19mm)

### Extra Low Temperature Heating



### 46°F Heating

In heating operation, the preset temperature of the air conditioner can be as low as 46°F, which keeps the room temperature steady at 46°F and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.





# MULTI ZONE

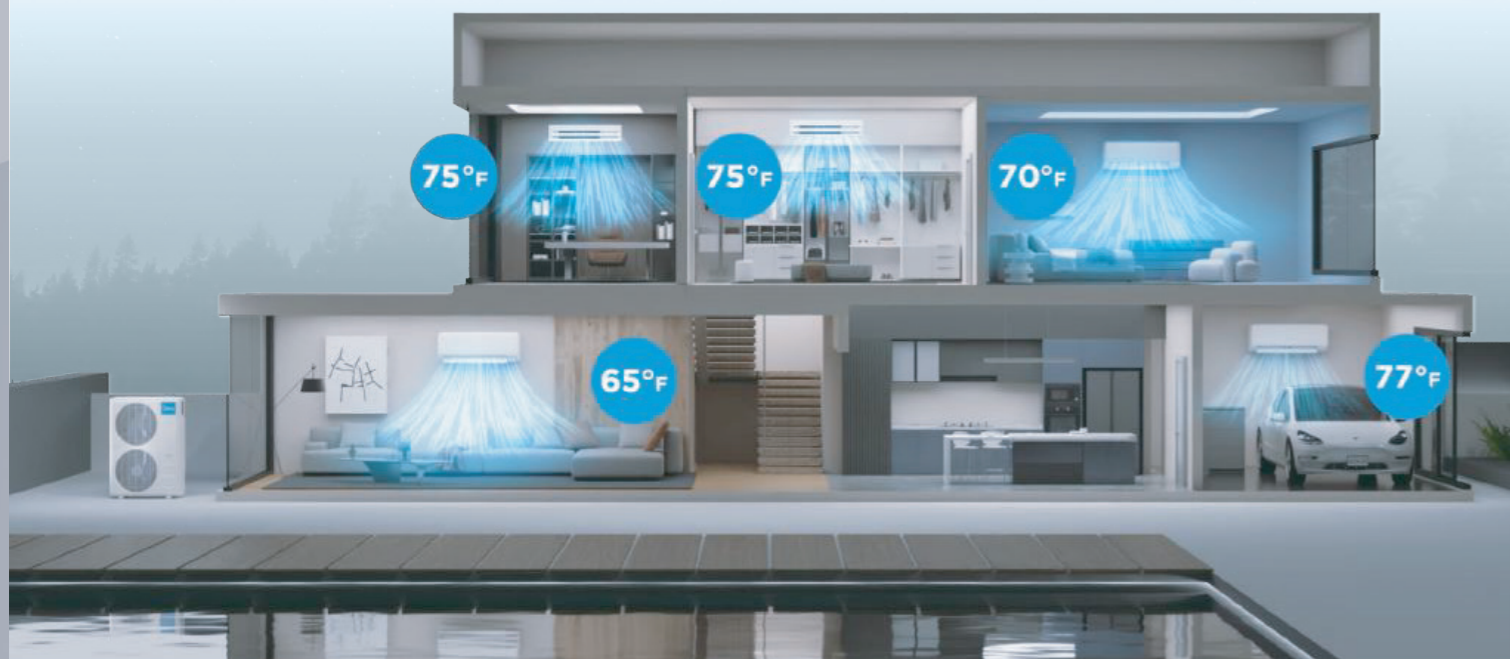


## DUCTED & DUCTLESS COMPATIBLE MULTI-ZONE SYSTEM

### More Efficiency

### Zoning Operation

Multi-zone applications are a more sustainable way to heat and cool through individual control of each room. Homeowners can precisely heat and cool only the areas needed and turn off the unit when the area isn't occupied to save energy.



### Free Match Combination Table

#### 1 Drive 2 ▶

A2MO21-18N1-M1, A2MO22-18N1-M1H		Two Units	
		6+6	9+9
		6+9	9+12
		6+12	12+12

#### 1 Drive 3 ▶

A3MO21-27N1-M1, A3MO22-27N1-M1H		Two Units		Three Units		
		6+12	9+18	6+6+6	6+9+12	9+9+12
		6+18	12+12	6+6+9	6+9+18	9+9+18
		9+9	12+18	6+6+12	6+12+12	9+12+12
		9+12	18+18	6+6+18	6+12+18	12+12+12
				6+9+9	9+9+9	

#### 1 Drive 4 ▶

A4MO21-36N1-M1, A4MO22-36N1-M1H		Two Units		Three Units			Four Units		
		6+18	12+18	6+6+12	6+6+24	9+12+24	6+6+6+9	6+6+12+18	6+12+12+12
		6+24	12+24	6+6+18	6+18+18	9+18+18	6+6+6+12	6+6+12+24	6+12+12+18
		9+18	18+18	6+6+24	6+18+24	12+12+12	6+6+6+18	6+9+9+9	9+9+9+9
		9+24	18+24	6+9+12	9+9+9	12+12+18	6+6+6+24	6+9+9+12	9+9+9+12
		12+12	24+24	6+9+18	9+9+12	12+12+24	6+6+9+9	6+9+9+18	9+9+9+18
				6+9+24	9+9+18	12+18+18	6+6+9+18	6+9+9+24	9+9+12+18
				6+12+12	9+9+24		6+6+9+24	6+9+12+12	9+12+12+12
				6+12+18	9+12+12		6+6+12+12	6+9+12+18	12+12+12+12

#### 1 Drive 5 ▶

A5MO21-48N1-M1, A5MO21-55N1-M1, A5MO22-48N1-M1H, A5MO22-55N1-M1H		Two Units		Three Units					
		9+24	18+30	6+6+24	6+12+30	9+9+18	9+12+36	12+12+18	18+18+18
		9+30	18+36	6+6+30	6+12+36	9+9+24	9+18+18	12+12+24	18+18+24
		9+36	24+30	6+6+36	6+18+18	9+9+30	9+18+24	12+12+30	
		12+24	24+36	6+9+24	6+18+24	9+9+36	9+18+30	12+12+36	
		12+30	30+30	6+9+30	6+18+30	9+12+12	9+18+36	12+18+18	
		12+36		6+9+36	6+18+36	9+12+18	9+24+24	12+18+24	
		18+18		6+12+18	6+24+24	9+12+24	9+24+30	12+18+30	
		18+24		6+12+24	6+24+30	9+12+30	12+12+12	12+24+24	

#### 1 Drive 5 ▶

A5MO21-48N1-M1, A5MO21-55N1-M1, A5MO22-48N1-M1H, A5MO22-55N1-M1H		Four Units		
		6+6+6+18	6+6+6+36	12+12+12+12
		6+6+6+24	9+9+9+9	12+12+12+18
		6+6+6+30	9+9+9+12	12+12+12+24
		6+6+6+36	9+9+9+18	12+12+12+30
		6+6+6+18	9+9+9+24	12+12+12+36
		6+6+6+24	9+9+9+30	18+18+18+18
		6+6+6+30	9+9+9+36	

#### 1 Drive 5 ▶

A5MO21-48N1-M1, A5MO21-55N1-M1, A5MO22-48N1-M1H, A5MO22-55N1-M1H		Five Units		
		6+6+6+6+9	9+9+9+9+9	12+12+12+12+12
		6+6+6+6+12	9+9+9+9+12	12+12+12+12+18
		6+6+6+6+18	9+9+9+9+18	12+12+12+12+24
		6+6+6+6+24	9+9+9+9+24	12+12+12+12+18
		6+6+6+6+30	9+9+9+9+30	
		6+6+6+6+36	9+9+9+9+36	





## Indoor Units for Multi-zone

### Wall Mounted Indoor ▶



Model	Indoor Unit		AW25-06N1-M1	AW25-09N1-M1	AW25-12N1-M1
<b>Performance</b>					
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	247/176/141	291/194/152	291/194/152
Noise Level	H/M/L	dB(A)	38.5/33/20.5	40/35/23.5	41.5/36/24
<b>Dimension &amp; Weight</b>					
Net Dimension	WxDxH	mm	729 x 200 x 292	802 x 200 x 295	802 x 200 x 295
	WxDxH	inch	28¾ x 7¾ x 11½	31¾ x 7¾ x 11¾	31¾ x 7¾ x 11¾
Packing Dimension	WxDxH	mm	790 x 270 x 375	875 x 285 x 380	875 x 285 x 380
	WxDxH	inch	31¼ x 10¾ x 14¾	34½ x 11¼ x 15	34½ x 11¼ x 15
Net/Gross Weight		kg	8.0/10.2	8.6/11	8.5/11
		lbs	17.64/22.49	18.96/24.25	18.74/24.25
<b>Stuffing Quantity</b>					
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	370/760/860	300/630/720	300/630/720

Model	Indoor Unit		AW25-18N1-M1	AW25-24N1-M1	AW21-30N1-M1	AW21-36N1-M1
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	530/458/382	601/458/382	794/617/470	794/617/470
Noise Level	H/M/L	dB(A)	46/40/25	46.5/44/35	52/48.5/42.5	56.5/54.5/40
<b>Dimension &amp; Weight</b>						
Net Dimension	WxDxH	mm	1083 x 244 x 336	1082 x 234 x 337	1259 x 282 x 362	1259 x 282 x 362
	WxDxH	inch	42¾ x 9¾ x 13¾	42¾ x 9¾ x 13¾	49¾ x 11¼ x 14¼	49¾ x 11¼ x 14¼
Packing Dimension	WxDxH	mm	1155 x 415 x 315	1155 x 415 x 315	1340 x 450 x 385	1340 x 450 x 385
	WxDxH	inch	45½ x 16¾ x 12¾	45½ x 16¾ x 12¾	52¾ x 17¾ x 15¼	52¾ x 17¾ x 15¼
Net/Gross Weight		kg	13.4/17	13.6/17.3	17/22.9	18.3/23.9
		lbs	29.54/37.48	29.98/38.14	37.48/50.49	37.48/50.49
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	195/400/464	195/400/464	130/264/300	130/264/300

### Duct ▶



Model	Indoor Unit		AH-09N1-M1	AH-12N1-M1	AH-18N1-M1	AH-24N1-M1
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	352/282/176	352/282/176	529/450/370	775/693/434
Noise Level	H/M/L	dB(A)	33.5/28.5/27	38/34.5/31	43/40.5/38	44/41/37
<b>Dimension &amp; Weight</b>						
Net Dimension	WxDxH	mm	700 x 506 x 200	700 x 506 x 200	880 x 674 x 210	1100 x 774 x 249
	WxDxH	inch	27½ x 19¾ x 7¾	27½ x 19¾ x 7¾	34¾ x 26½ x 8¼	43¼ x 30½ x 9¾
Packing Dimension	WxDxH	mm	860 x 540 x 285	860 x 540 x 285	1070 x 725 x 280	1305 x 805 x 315
	WxDxH	inch	33¾ x 21¼ x 11¼	33¾ x 21¼ x 11¼	42¾ x 28¾ x 11	51¾ x 31¾ x 12¾
Net/Gross Weight		kg	17.7/21.9	17.8/22	25.1/30.4	41/48
		lbs	37.5/48.3	39.24/48.5	54/66	90.39/105.82
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	214/461/519	214/461/519	120/264/297	77/161/184



## Indoor Units for Multi-zone

### Compact Round Flow Cassette ▶



Model	Indoor Unit		AC-09N1-M1	AC-12N1-M1	AC-18N1-M1
<b>Performance</b>					
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	352/305/270	379/309/261	562/485/438
Noise Level	H/M/L	dB(A)	37.5/34.5/31.5	40.5/35.5/31.5	43.5/38.5/35.5
<b>Indoor unit</b>					
Net Dimension	WxDxH	mm	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260
	WxDxH	inch	22½ x 22½ x 10¼	22½ x 22½ x 10¼	22½ x 22½ x 10¼
Packing Dimension	WxDxH	mm	662 x 662 x 317	662 x 662 x 317	662 x 662 x 317
	WxDxH	inch	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½
Net/Gross Weight		kg	14.5/17.3	16/18.6	16.2/21.3
		lbs	31.97/38.14	35.27/41.01	35.71/46.96
<b>Panel</b>					
Net Dimension	WxDxH	mm	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50
	WxDxH	inch	25¼ x 25¼ x 2	25¼ x 25¼ x 2	25¼ x 25¼ x 2
Packing Dimension	WxDxH	mm	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123
	WxDxH	inch	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾
Net/Gross Weight		kg	2.5/4.5	2.5/4.5	2.5/4.5
		lbs	5.52/9.92	5.52/9.92	5.52/9.92
<b>Stuffing Quantity</b>					
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	186/375/429	186/375/429	186/375/429

### One-Way Cassette ▶



Model	Indoor Unit		A1C-06N1-M1	A1C-09N1-M1	A1C-12N1-M1	A1C-18N1-M1
<b>Performance</b>						
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	294/258/235	294/258/235	311/282/247	351/300/207
Noise Level	H/M/L	dB(A)	37.5/35.5/32.5	37.5/35.5/31	38.5/37/32.5	44/40.5/35
<b>Indoor unit</b>						
Net Dimension	WxDxH	mm	1278 x 335 x 228	1278 x 335 x 228	1278 x 335 x 228	1278 x 335 x 228
	WxDxH	inch	50½ x 13¼ x 9	50½ x 13¼ x 9	50½ x 13¼ x 9	50½ x 13¼ x 9
Packing Dimension	WxDxH	mm	1330 x 335 x 570	1330 x 335 x 570	1330 x 335 x 570	1330 x 335 x 570
	WxDxH	inch	52¼ x 13¼ x 22½	52¼ x 13¼ x 22½	52¼ x 13¼ x 22½	52¼ x 13¼ x 22½
Net/Gross Weight		kg	19.9/36.9	20.5/37.6	20.5/37.6	20.5/37.6
		lbs	43.87/81.35	45.19/82.89	45.19/82.89	45.19/82.89
<b>Panel</b>						
Net Dimension	WxDxH	mm	1360 x 475 x 99	1360 x 475 x 99	1360 x 475 x 99	1360 x 475 x 99
	WxDxH	inch	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾
Packing Dimension	WxDxH	mm	1435 x 541 x 165	1435 x 541 x 165	1435 x 541 x 165	1435 x 541 x 165
	WxDxH	inch	56½ x 21¼ x 6½	56½ x 21¼ x 6½	56½ x 21¼ x 6½	56½ x 21¼ x 6½
Net/Gross Weight		kg	6.5/10.3	6.5/10.3	6.5/10.3	6.5/10.3
		lbs	14.33/22.71	14.33/22.71	14.33/22.71	14.33/22.71
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	115/245/252	115/245/252	115/245/252	115/245/252

### Console ▶



Model	Indoor Unit		AS-12N1-M1	AS-16N1-M1
<b>Performance</b>				
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	376/323/264	441/382/323
Noise Level	H/M/L	dB(A)	40/37/26	45/43.5/30.5
<b>Dimension &amp; Weight</b>				
Net Dimension	WxDxH	mm	794 x 200 x 621	794 x 200 x 621
	WxDxH	inch	31¼ x 7¾ x 24½	31¼ x 7¾ x 24½
Packing Dimension	WxDxH	mm	865 x 280 x 719	865 x 280 x 719
	WxDxH	inch	34 x 11 x 28¼	34 x 11 x 28¼
Net/Gross Weight		kg	14.9/18.8	14.9/18.8
		lbs	32.85/41.45	32.85/41.45
<b>Stuffing Quantity</b>				
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	168/344/390	168/344/390

### Ceiling Floor ▶



Model	Indoor Unit		AF-18N1-M1	AF-24N1-M1
<b>Performance</b>				
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	H/M/L	CFM	548/485/420	758/708/598
Noise Level	H/M/L	dB(A)	48/44.5/41	51/47/42
<b>Dimension &amp; Weight</b>				
Net Dimension	WxDxH	mm	1068 x 675 x 235	1068 x 675 x 235
	WxDxH	inch	42 x 26¼ x 9¼	42 x 26¼ x 9¼
Packing Dimension	WxDxH	mm	1145 x 755 x 318	1145 x 755 x 318
	WxDxH	inch	45½ x 29¾ x 12½	45½ x 29¾ x 12½
Net/Gross Weight		kg	25.9/31	27.5/32.7
		lbs	57.10/68.34	60.63/72.09
<b>Stuffing Quantity</b>				
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	102/220/252	102/220/252

## Two-Way Communication Wired Controller

120L



Item	Description	Mid-Tier (4-wire,5V)
Basic configurations	Connected via display board	●
	Screen type	3.5" LCD
	Infrared signal receiver	●
	Press button	●
	Power-on light	●
Basic function	ON/OFF	●
	Mode	●
	Temp Adjustment	●
	Fan speed	●
Extended Functions	Turbo	●
	Follow me	●
	Timer ON/OFF	●
	Auto-restart	●
	Horizontal swing	●
	Vertical swing	●
	Automatic airflow test	●
	Child lock	●
	Sleep	●
	Self-cleaning	●
	Auxiliary heat	●
Engineering Mode	ESP setting	●
	Engineer mode	●

120N



Item	Description	Mid-Tier (4-wire,5V)	Mid-Tier (4-wire,12V)	Mid-Tier (2-wire & 4-wire,12V)
Basic configurations	Two-way communication(4- wired)	●	●	●
	Two-way communication (2-wired non-polarity)			●
	Screen type	4.3" LCD	4.3" LCD	4.3" LCD
	Infrared signal receiver	●	●	●
	Backlight	●	●	●
	Buzzer		●	●
	Touch Button	●	●	●
	0.5°C  1F Temp Display	●	●	●
	Power-on light	●	●	●
	Basic function	ON/OFF	●	●
Mode		●	●	●
Temp Adjustment		●	●	●
Fan speed		●	●	●
Extended Functions	Stepless speed	●	●	●
	Turbo	●	●	●
	Follow Me	●	●	●
	24-hour System	●	●	●
	12-hour System	●	●	●
	Weekly Timer 1	●	●	●
	Weekly Timer 2	●	●	●
	Timer ON/OFF	●	●	●
	Over time mode	●	●	●
	Auto-restart	●	●	●
	Individual louver control	●	●	●
	Horizontal swing	●	●	●
	Vertical swing	●	●	●
Breezeless		●	●	
Anti-direct blowing	●	●	●	

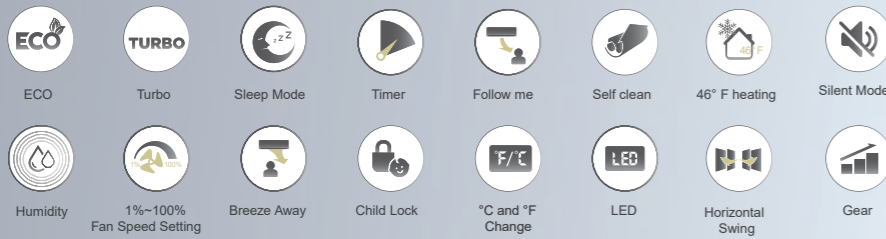


# U-MATCH

- Exclusive Compact Size 50.3"(W) 13.19"(D) 9"(H)
- Fit-in Size for the Common and the I-joist Space
- 2-way Installation
- Elevation Panel
- Easy-to-access Core Component



### Standard Features



### Optional Features

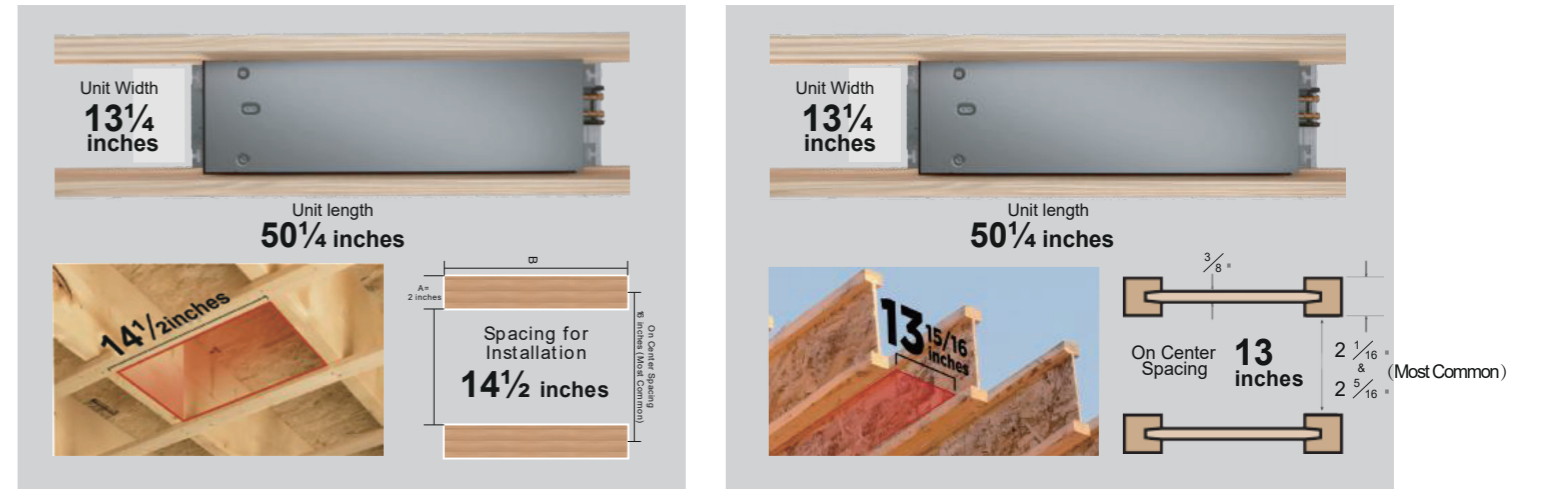


### OUTSTANDING FEATURES

## One Way Cassette

### Designed for American Construction Standards

Fits in not only the most common joist space, but also the I-Joist space, which is a rapid growing application in the U.S. construction.

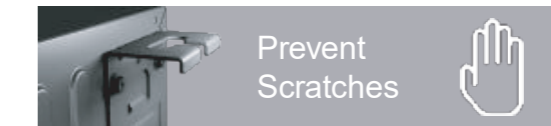


### 2-way Installation



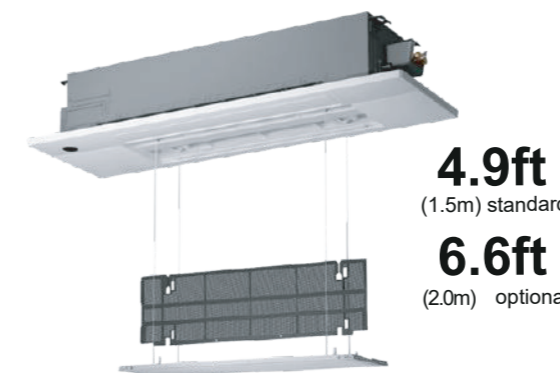
#### HangUp Installation

Our hangers with optimized anti-cutting design are easy to grab and lift up, preventing hands from scratching by the sharp edge.



#### PushIn Installation

A unique & exclusive PushIn Case is designed for easy installation options. Installers can plug in the IN-cassette unit between the joist and fix it on the beams with screws.



### Elevation Panel

From now on, no more climbing up & down, because the panel itself can be up & down.

By activating the Elevation Panel function on remote controller (or smart controller), the panel will go straight down to you for easily taking out the air filter.

### One-way Cassette ▶



Model	Indoor Unit		A1C-09N1-M1	A1C-12N1-M1	A1C-18N1-M1
	Outdoor Unit		AO24-09N1-M1H	AO24-12N1-M1H	AO24-18N1-M1H
<b>Performance</b>					
Power Supply	V, Ph, Hz		208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/11000	12000/12500	18000/19000
	SEER2	Btu/W	22.5	22	15.8
	EER2	Btu/W	13	12.6	8.8
	HSPF4	Btu/W	11.5	9.8	8.8
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	7500	7600	11600
	COP	W/W	2.33	2.1	2.09
<b>Indoor unit</b>					
Air Flow Volume	H/M/L	CFM	1024/944/784	1075/982/797	1344/1184/1024
Noise Level	H/M/L	dB(A)	38/36/33	40.5/38.5/34.5	44/41/34
Net Dimension	WxDxH	mm	1278 x 335 x 228	1278 x 335 x 228	1278 x 335 x 228
	WxDxH	inch	50% x 13¼ x 9	50% x 13¼ x 9	50% x 13¼ x 9
Packing Dimension	WxDxH	mm	1330 x 335 x 570	1330 x 335 x 570	1330 x 335 x 570
	WxDxH	inch	52% x 13¼ x 22½	52% x 13¼ x 22½	52% x 13¼ x 22½
Net/Gross Weight		kg	19.9/36.9	20.5/37.6	20.5/37.6
		lbs	43.87/81.35	45.19/82.89	45.19/82.89
<b>Panel(Up-Down Option)</b>					
Net Dimension	WxDxH	mm	1360 x 475 x 99	1360 x 475 x 99	1360 x 475 x 99
	WxDxH	inch	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾
Packing Dimension	WxDxH	mm	1435 x 541 x 165	1435 x 541 x 165	1435 x 541 x 165
	WxDxH	inch	56½ x 21¼ x 6¾	56½ x 21¼ x 6¾	56½ x 21¼ x 6¾
Net/Gross Weight		kg	6.5/10.3	6.5/10.3	6.5/10.3
		lbs	14.33/22.71	14.33/22.71	14.33/22.71
<b>Stuffing Quantity</b>					
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	115/245/252	115/245/252	115/245/252
Stuffing Quantity	20'/40'/40'HQ	Panel	224/448/512	224/448/512	224/448/512

### One-way Cassette Mega Heat ▶



Model	Indoor Unit		A1C-06N1-M1	A1C-09N1-M1	A1C-12N1-M1	A1C-18N1-M1
	Outdoor Unit		AO24-09N1-M1H	AO25-09N1-M1H	AO25-12N1-M1H	AO25-18N1-M1H
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	6500/7100	9000/10900	12000/12500	16700/20000
	SEER2	Btu/W	22	24	23	19.80
	EER2	Btu/W	14.5	13	13	12.5
	HSPF4	Btu/W	10.8	12.4	10	11.2
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	7500	10400	11000	18000
	COP	W/W	2.33	1.8	1.8	1.8
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	294/258/235	294/258/235	311/282/247	351/300/207
Noise Level	H/M/L	dB(A)	37.5/35.5/32.5	37.5/35.5/31	38.5/37/32.5	44/40.5/35
Net Dimension	WxDxH	mm	1278 x 335 x 228	1278 x 335 x 228	1278 x 335 x 228	1278 x 335 x 228
	WxDxH	inch	50% x 13¼ x 9	50% x 13¼ x 9	50% x 13¼ x 9	50% x 13¼ x 9
Packing Dimension	WxDxH	mm	1330 x 335 x 570	1330 x 335 x 570	1330 x 335 x 570	1330 x 335 x 570
	WxDxH	inch	52% x 13¼ x 22½	52% x 13¼ x 22½	52% x 13¼ x 22½	52% x 13¼ x 22½
Net/Gross Weight		kg	19.9/36.9	20.5/37.6	20.5/37.6	20.5/37.6
		lbs	43.87/81.35	45.19/82.89	45.19/82.89	45.19/82.89
<b>Panel(Up-Down Option)</b>						
Net Dimension	WxDxH	mm	1360 x 475 x 99	1360 x 475 x 99	1360 x 475 x 99	1360 x 475 x 99
	WxDxH	inch	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾	53½ x 18¾ x 3¾
Packing Dimension	WxDxH	mm	1435 x 541 x 165	1435 x 541 x 165	1435 x 541 x 165	1435 x 541 x 165
	WxDxH	inch	56½ x 21¼ x 6¾	56½ x 21¼ x 6¾	56½ x 21¼ x 6¾	56½ x 21¼ x 6¾
Net/Gross Weight		kg	6.5/10.3	6.5/10.3	6.5/10.3	6.5/10.3
		lbs	14.33/22.71	14.33/22.71	14.33/22.71	14.33/22.71
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	115/245/252	115/245/252	115/245/252	115/245/252
Stuffing Quantity	20'/40'/40'HQ	Panel	224/448/512	224/448/512	224/448/512	224/448/512

# U-MATCH

- Built-in Drain Pump
- -22°F Low Ambient Operation
- E-box Inside
- Wired Controller



### Standard Features



### Optional Features



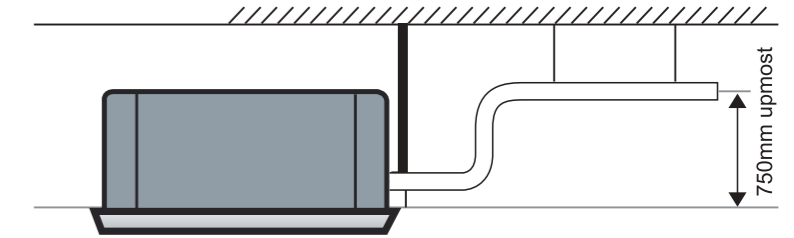
Wired Control

### OUTSTANDING FEATURES

## Compact Round Flow Cassette

### ■ Build-in Drain Pump

The drain pump can lift the condensing water up to 750mm.



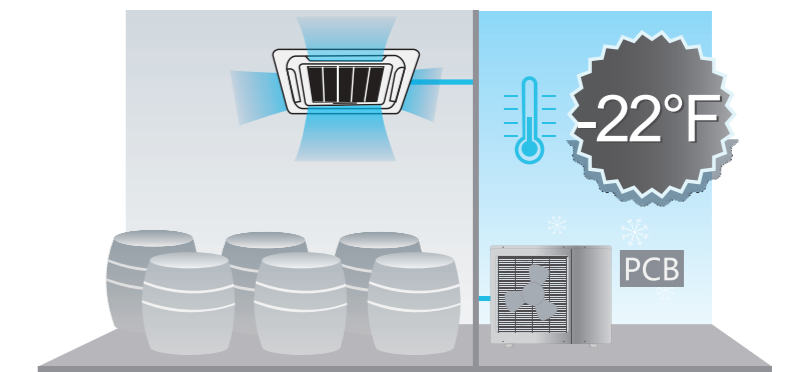
### ■ E-box inside

The E-box is simply and safely built inside the indoor unit. This integrated design provides a more compact body size and ease of installation. And the maintenance of the E-box is simple, by opening the air-return-grille.



### ■ Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condenser temperature, even when the temperature is down to -22°F.



### ■ Wired Controller

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



### Compact Round Flow Cassette



Model	Indoor Unit	Outdoor Unit	AC-09N1-M1 AO24-09N1-M1H	AC-12N1-M1 AO24-12N1-M1H	AC-18N1-M1 AO24-18N1-M1H	AC-24N1-M1 AO24-24N1-M1H	AC-36N1-M1 ASO24-36N1-M2	AC-48N1-M1 ASO24-48N1-M2
<b>Performance</b>								
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10000	12000/12000	16000/19000	23000/25000	36000/38000	48000/50000
	SEER2	Btu/W	20	22.7	20.5	21.5	19.2	18.5
	EER2	Btu/W	13	14	12.5	12.5	9.4	9.5
	HSPF4	Btu/W	10	10	10.5	9.7	8.8	9.8
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	7400	8000	12700	18500	22000	34500
	COP	W/W	1.9	2.27	2.16	2.2	2.0	1.98
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	352/305/270	379/309/261	562/485/438	705/635/547	947/853/753	1171/1059/935
Noise Level	H/M/L	dB(A)	37.5/34.5/31.5	40.5/35.5/31.5	43.5/38.5/35.5	49/46/43	52.5/50/46.5	55/53/50
Net Dimension	WxDxH	mm	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260	830 x 830 x 205	830 x 830 x 245	830 x 830 x 287
	WxDxH	inch	22½ x 22½ x 10¼	22½ x 22½ x 10¼	22½ x 22½ x 10¼	32¾ x 32¾ x 8¼	32¾ x 32¾ x 9¾	32¾ x 32¾ x 11¼
Packing Dimension	WxDxH	mm	662 x 662 x 317	662 x 662 x 317	662 x 662 x 317	910 x 910 x 250	910 x 910 x 290	910 x 910 x 330
	WxDxH	inch	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½	35¾ x 35¾ x 9¾	35¾ x 35¾ x 11¾	35¾ x 35¾ x 13
Net/Gross Weight		kg	14.5/17.3	16/18.6	16.2/21.3	21.4/25.1	27.2/31.3	29.3/33.6
		lbs	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34	59.97/69.00	64.59/74.07
<b>Panel</b>								
Net Dimension	WxDxH	mm	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50	950 x 950 x 55	950 x 950 x 55	950 x 950 x 55
	WxDxH	inch	25½ x 25½ x 2	25½ x 25½ x 2	25½ x 25½ x 2	37¾ x 37¾ x 2¼	37¾ x 37¾ x 2¼	37¾ x 37¾ x 2¼
Packing Dimension	WxDxH	mm	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123	1035 x 1035 x 90	1035 x 1035 x 90	1035 x 1035 x 90
	WxDxH	inch	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾	40¾ x 40¾ x 3½	40¾ x 40¾ x 3½	40¾ x 40¾ x 3½
Net/Gross Weight		kg	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9
		lbs	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84	13.23/19.84	13.23/19.84
<b>Stuffing Quantity</b>								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	186/375/429	186/375/429	186/375/429	108/234/260	96/208/234	84/182/208

### Compact Round Flow Cassette Mega Heat



Model	Indoor Unit	Outdoor Unit	AC-09N1-M1 AO25-09N1-M1H	AC-12N1-M1 AO25-12N1-M1H	AC-18N1-M1 AO25-18N1-M1H	AC-24N1-M1 AO25-24N1-M1H	AC-36N1-M1 ASO25-36N1-M2H	AC-48N1-M1 ASO25-48N1-M2H
<b>Performance</b>								
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/9800	12000/12000	16000/17000	24000/25000	36000/40000	48000/53000
	SEER2	Btu/W	20.5	22.3	20	20.5	19.4	16.8
	EER2	Btu/W	13	12.7	12.5	11	9.5	8.3
	HSPF4	Btu/W	10.3	10.2	9.5	11.5	10.5	10.7
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	10200	11500	16000	25800	31500	48000
	COP	W/W	1.79	1.86	1.68	2	1.85	1.98
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	352/305/270	379/309/261	562/485/438	705/635/547	947/853/753	1171/1059/935
Noise Level	H/M/L	dB(A)	39.5/36/32.5	40.5/35.5/31.5	43.5/38.5/35.5	48/45.5/43	52.5/50/46.5	55/53/50
Net Dimension	WxDxH	mm	570 x 570 x 260	570 x 570 x 260	570 x 570 x 260	830 x 830 x 205	830 x 830 x 245	830 x 830 x 287
	WxDxH	inch	22½ x 22½ x 10¼	22½ x 22½ x 10¼	22½ x 22½ x 10¼	32¾ x 32¾ x 8¼	32¾ x 32¾ x 9¾	32¾ x 32¾ x 11¼
Packing Dimension	WxDxH	mm	662 x 662 x 317	662 x 662 x 317	662 x 662 x 317	910 x 910 x 250	910 x 910 x 290	910 x 910 x 330
	WxDxH	inch	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½	26¼ x 26¼ x 12½	35¾ x 35¾ x 9¾	35¾ x 35¾ x 11¾	35¾ x 35¾ x 13
Net/Gross Weight		kg	14.5/17.3	16/18.6	16.2/21.3	21.4/25.1	27.2/31.3	29.3/33.6
		lbs	31.97/38.14	35.27/41.01	35.71/46.96	47.18/55.34	59.97/69.00	64.59/74.07
<b>Panel</b>								
Net Dimension	WxDxH	mm	647 x 647 x 50	647 x 647 x 50	647 x 647 x 50	950 x 950 x 55	950 x 950 x 55	950 x 950 x 55
	WxDxH	inch	25½ x 25½ x 2	25½ x 25½ x 2	25½ x 25½ x 2	37¾ x 37¾ x 2¼	37¾ x 37¾ x 2¼	37¾ x 37¾ x 2¼
Packing Dimension	WxDxH	mm	715 x 715 x 123	715 x 715 x 123	715 x 715 x 123	1035 x 1035 x 90	1035 x 1035 x 90	1035 x 1035 x 90
	WxDxH	inch	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾	28¼ x 28¼ x 4¾	40¾ x 40¾ x 3½	40¾ x 40¾ x 3½	40¾ x 40¾ x 3½
Net/Gross Weight		kg	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9
		lbs	5.52/9.92	5.52/9.92	5.52/9.92	13.23/19.84	13.23/19.84	13.23/19.84
<b>Stuffing Quantity</b>								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	186/375/429	186/375/429	186/375/429	108/234/260	96/208/234	84/182/208



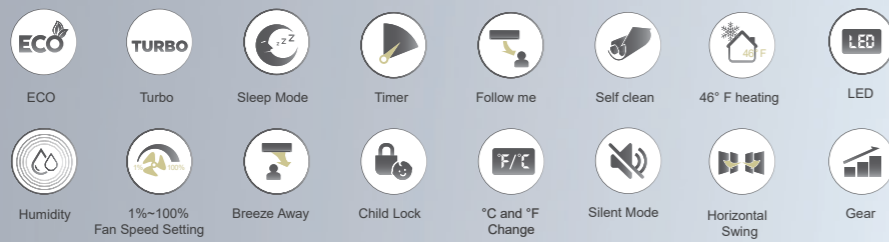


# U-MATCH

- 2-way Installation
- Dual Air Outlets with Larger Dimension
- Quieter Operation
- Better Air Quality



### Standard Features



### Optional Features



### Console



Model	Indoor Unit		AS-12N1-M1		AS-16N1-M1	
	Outdoor Unit		AO24-12N1-M1H		AO24-18N1-M1H	
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60		208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity		Btu/h		12000/12000	
	SEER2		Btu/W		25	
	EER2		Btu/W		13	
	HSPF4		Btu/W		11	
Heating at 5 °F(-15°C)	Rated capacity		Btu/h		8600	
	COP		W/W		2.3	
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	376/323/264		441/382/323	
Noise Level	H/M/L	dB(A)	40/37/26		45/43.5/30.5	
Net Dimension	WxDxH		mm		794 x 200 x 621	
	WxDxH		inch		31¼ x 7¾ x 24¼	
Packing Dimension	WxDxH		mm		865 x 280 x 719	
	WxDxH		inch		34 x 11 x 28¼	
Net/Gross Weight			kg		14.9/18.8	
			lbs		32.85/41.45	
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	168/344/390		168/344/390	

### Console Mega Heat



Model	Indoor Unit		AS-12N1-M1		AS-16N1-M1	
	Outdoor Unit		AO25-12N1-M1H		AO25-18N1-M1H	
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60		208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity		Btu/h		12000/12000	
	SEER2		Btu/W		24.2	
	EER2		Btu/W		13.3	
	HSPF4		Btu/W		10.7	
Heating at 5 °F(-15°C)	Rated capacity		Btu/h		11600	
	COP		W/W		2.08	
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	376/323/264		441/382/323	
Noise Level	H/M/L	dB(A)	42/39/25		45/40.5/30	
Net Dimension	WxDxH		mm		794 x 200 x 621	
	WxDxH		inch		31¼ x 7¾ x 24¼	
Packing Dimension	WxDxH		mm		865 x 280 x 719	
	WxDxH		inch		34 x 11 x 28¼	
Net/Gross Weight			kg		14.9/18.8	
			lbs		32.85/41.45	
<b>Stuffing Quantity</b>						
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	168/344/390		168/344/390	



# U-MATCH

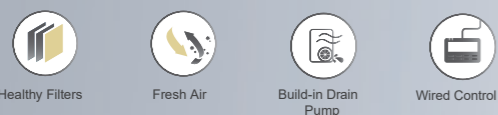
- Easy Maintenance
- Fresh Air
- 3D Air Flow
- Wired Controller (Optional)



### Standard Features



### Optional Features



### Ceiling & Floor



Model	Indoor Unit		AF-18N1-M1	AF-24N1-M1	AF-36N1-M1	AF-48N1-M1	AF-60N1-M1	
	Outdoor Unit		AO24-18N1-M1H	AO24-24N1-M1H	ASO24-36N1-M2	ASO24-48N1-M2	ASO24-60N1-M2	
<b>Performance</b>								
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
Cooling /Heating Capacity	Btu/h		18000/20000	24000/24000	36000/38000	48000/50000	54000/60000	
SEER2 (AHRI 210/240 - 2023)	SEER2	Btu/W	23.0	21.2	19	18.90	19.8	
	EER2	Btu/W	12.5	12.5	8.5	9.3	9.8	
	HSPF4	Btu/W	10.0	10.3	9	10	9	
Heating at 5 °F(-15°C)	Rated capacity		Btu/h	9700	17459	22000	28000	32000
	COP	W/W	1.80	2.1	1.75	1.75	1.85	
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	548/485/420	758/708/598	1036/917/637	1352/1117/1000	1384/1028/795	
Noise Level	H/M/L	dB(A)	48/44.5/41	51/47/42	51.5/48.0/40.5	55.0/49.5/44.5	55/50/41	
Net Dimension	WxDxH	mm	1068 x 675 x 235	1068 x 675 x 235	1285 x 675 x 235	1650 x 675 x 235	1650 x 675 x 235	
	WxDxH	inch	42 x 26% x 9 1/4	42 x 26% x 9 1/4	50% x 26% x 9 1/4	65 x 26% x 9 1/4	65 x 26% x 9 1/4	
Packing Dimension	WxDxH	mm	1145 x 755 x 318	1145 x 755 x 318	1360 x 755 x 318	1725 x 755 x 318	1725 x 755 x 318	
	WxDxH	inch	45 1/2 x 29 1/4 x 12 1/2	45 1/2 x 29 1/4 x 12 1/2	53 1/2 x 29 1/4 x 12 1/2	67 1/2 x 29 1/4 x 12 1/2	67 1/2 x 29 1/4 x 12 1/2	
Net/Gross Weight			kg	25.9/31	27.5/32.7	31.3/37	39.8/46.4	46/50
			lbs	57.10/68.34	60.63/72.09	69.00/81.57	87.74/102.29	101.41/110.23
<b>Stuffing Quantity</b>								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	102/220/252	102/220/252	92/188/213	72/147/167	72/147/167	

### Ceiling & Floor Mega Heat



Model	Indoor Unit		AF-18N1-M1	AF-24N1-M1	AF-36N1-M1	AF-48N1-M1	AF-60N1-M1	
	Outdoor Unit		AO25-18N1-M1H	AO25-24N1-M1H	ASO25-36N1-M2H	ASO25-48N1-M2H	ASO25-55N1-M2H	
<b>Performance</b>								
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
Cooling /Heating Capacity	Btu/h		17000/18000	24000/25000	36000/39000	48000/51000	55000/60000	
SEER2 (AHRI 210/240 - 2023)	SEER2	Btu/W	20.5	20.5	17.6	17	17.3	
	EER2	Btu/W	12.5	11.7	8.8	8.2	9	
	HSPF4	Btu/W	9.8	11	10	9.8	10.2	
Heating at 5 °F(-15°C)	Rated capacity		Btu/h	16000	24894	36000	48000	56500
	COP	W/W	1.75	1.76	1.75	1.9	1.97	
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	548/485/420	758/708/598	1036/917/637	1352/1117/1000	1384/1028/795	
Noise Level	H/M/L	dB(A)	45.5/43/39	51/47.5/42	51.5/48.0/40.5	55.0/49.5/44.5	54/47/44	
Net Dimension	WxDxH	mm	1068 x 675 x 235	1068 x 675 x 235	1285 x 675 x 235	1650 x 675 x 235	1650 x 675 x 235	
	WxDxH	inch	42 x 26% x 9 1/4	42 x 26% x 9 1/4	50% x 26% x 9-1/4	65 x 26% x 9 1/4	65 x 26% x 9 1/4	
Packing Dimension	WxDxH	mm	1145 x 755 x 318	1145 x 755 x 318	1360 x 755 x 318	1725 x 755 x 318	1725 x 755 x 318	
	WxDxH	inch	45 1/2 x 29 1/4 x 12 1/2	45 1/2 x 29 1/4 x 12 1/2	53 1/2 x 29 1/4 x 12 1/2	67 1/2 x 29 1/4 x 12 1/2	67 1/2 x 29 1/4 x 12 1/2	
Net/Gross Weight			kg	25.9/31	27.5/32.7	31.3/37	39.8/46.4	46/50
			lbs	57.10/68.34	60.63/72.09	69.00/81.57	87.74/102.29	101.41/110.23
<b>Stuffing Quantity</b>								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	102/220/252	102/220/252	92/188/213	72/147/167	72/147/167	

# U-MATCH

- Flexible Air Intake Ways
- Optional Accessories
- Built-In Drain Pump



### Standard Features



### Optional Features

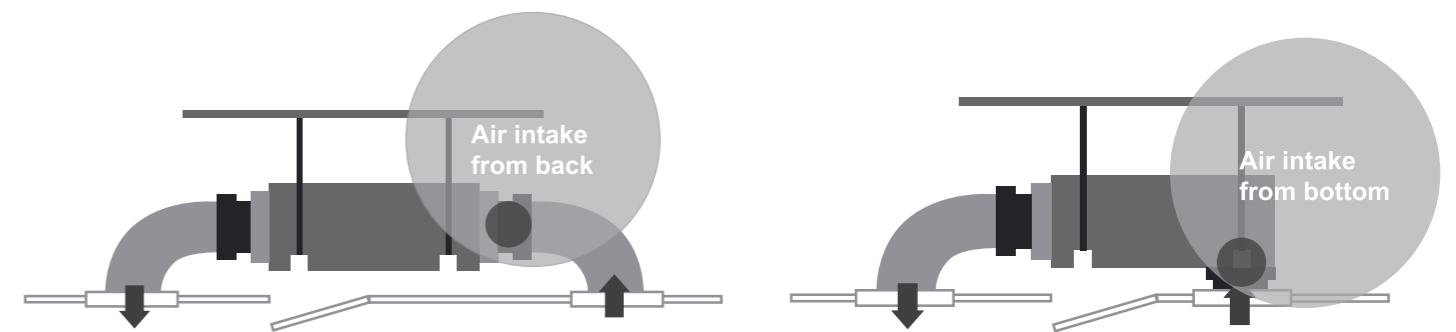


### OUTSTANDING FEATURES

## Duct

### ■ Build-in Drain Pump

Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom



### ■ Optional Accessories

Optional accessories are available to meet the different needs of customers and enhance performance.



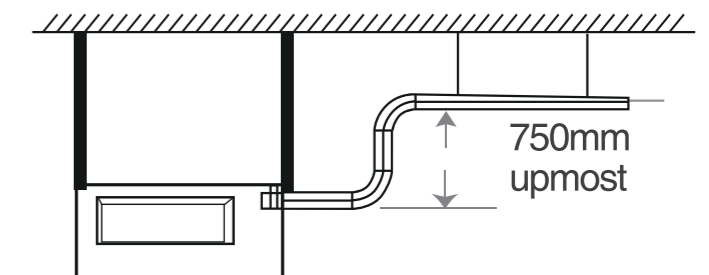
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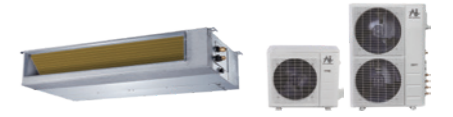
Front board

### ■ Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm.

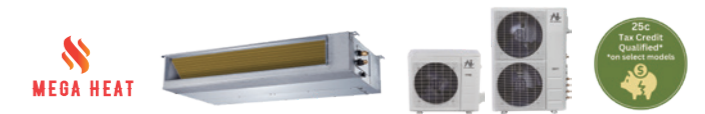


### Duct



Model	Indoor Unit	AH-09N1-M1	AH-12N1-M1	AH-18N1-M1	AH-24N1-M1	AH-36N1-M1	AH-48N1-M1	
	Outdoor Unit	AO24-09N1-M1H	AO24-12N1-M1H	AO24-18N1-M1H	AO24-24N1-M1H	ASO24-36N1-M2	ASO24-48N1-M2	
<b>Performance</b>								
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10000	11500/12000	17000/20000	23000/25000	36000/42000	48000/50000
	SEER2	Btu/W	19.2	19	20	19	15.8	15.1
	EER2	Btu/W	12.5	11.7	12.5	12.5	8.8	8.5
	HSPF4	Btu/W	10.2	10.3	10.6	11.2	8.8	9.3
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	8000	8300	13000	20000	22000	34000
	COP	W/W	2.1	2.26	2.4	2.3	1.9	1.9
<b>Indoor unit</b>								
External Static Pressure (ESP)	Range	Pa	0-40	0-40	0-100	0-160	0-160	0-160
		In. wc.	0-0.16	0-0.16	0-0.40	0-0.64	0-0.64	0-0.64
Air Flow Volume	H/M/L	CFM	352/282/176	352/282/176	529/450/370	775/693/434	1081/912/702	1228/1031/714
Noise Level	H/M/L	dB(A)	33.5/28.5/27	38/34.5/31	43/40.5/38	44/41/37	48.0/43.5/40.5	52.0/50.0/49.0
Net Dimension	WxDxH	mm	700 x 506 x 200	700 x 506 x 200	880 x 674 x 210	1100 x 774 x 249	1360 x 774 x 249	1200 x 874 x 300
	inch		27½ x 19¾ x 7¾	27½ x 19¾ x 7¾	34¾ x 26½ x 8¼	43¾ x 30½ x 9¾	53¾ x 30½ x 9¾	47¾ x 34¾ x 11¾
Packing Dimension	WxDxH	mm	860 x 540 x 285	860 x 540 x 285	1070 x 725 x 280	1305 x 805 x 315	1570 x 805 x 305	1405 x 915 x 355
	inch		33¾ x 21¼ x 11¼	33¾ x 21¼ x 11¼	42¾ x 28½ x 11	51¾ x 31¾ x 12¾	61¾ x 31¾ x 12	55¾ x 36 x 14
Net/Gross Weight		kg	17.7/21.9	17.8/22	25.1/30.4	41/48	48.3/55.5	54.3/64.3
		lbs	37.5/48.3	39.24/48.5	54/66	90.39/105.82	106/122	120/142
<b>Stuffing Quantity</b>								
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	214/461/519	214/461/519	120/264/297	77/161/184	49/105/120	62/130/149

### Duct Mega Heat



Model	Indoor Unit	AH-09N1-M1	AH-12N1-M1	AH-18N1-M1	AH-24N1-M1	AH-36N1-M1	AH-48N1-M1	AH-60N1-M1	
	Outdoor Unit	AO25-09N1-M1H	AO25-12N1-M1H	AO25-18N1-M1H	AO25-24N1-M1H	ASO25-36N1-M2H	ASO25-48N1-M2H	ASO25-55N1-M2H	
<b>Performance</b>									
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	9000/10000	12000/12500	17000/19000	24000/25000	36000/42000	48000/52000	55000/57000
	SEER2	Btu/W	20.2	19.5	18	19.2	16.5	14.3	15.8
	EER2	Btu/W	13.2	11.7	11.7	12	9	8.2	9.4
	HSPF4	Btu/W	12	10	9.5	10.5	11	10.3	9.5
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	10800	12100	17700	27000	36000	46400	53000
	COP	W/W	1.9	1.96	1.85	2	1.98	2.02	1.97
<b>Indoor unit</b>									
External Static Pressure (ESP)	Range	Pa	0-40	0-40	0-40	0-160	0-160	0-160	0-200
		In. wc.	0-0.16	0-0.16	0-0.16	0-0.64	0-0.64	0-0.64	/
Air Flow Volume	H/M/L	CFM	352/282/176	352/282/176	529/450/370	775/693/434	1081/912/702	1228/1031/714	2155/1709/1261
Noise Level	H/M/L	dB(A)	33/30.5/27	40/31.5/26.5	40/37.5/35	44/40/35.5	49.5/46.5/43.0	54.5/50.5/47.5	54/49.5/46
Net Dimension	WxDxH	mm	700 x 506 x 200	700 x 506 x 200	880 x 674 x 210	1100 x 774 x 249	1360 x 774 x 249	1200 x 874 x 300	1400 x 858 x 460
	inch		27½ x 19¾ x 7¾	27½ x 19¾ x 7¾	34¾ x 26½ x 8¼	43¾ x 30½ x 9¾	53¾ x 30½ x 9¾	47¾ x 34¾ x 11¾	55¾ x 33¾ x 18¾
Packing Dimension	WxDxH	mm	860 x 540 x 285	860 x 540 x 285	1070 x 725 x 280	1305 x 805 x 315	1570 x 805 x 305	1405 x 915 x 355	1605 x 910 x 535
	inch		33¾ x 21¼ x 11¼	33¾ x 21¼ x 11¼	42¾ x 28½ x 11	51¾ x 31¾ x 12¾	61¾ x 31¾ x 12	55¾ x 36 x 14	63¾ x 35¾ x 21¾
Net/Gross Weight		kg	17.7/21.9	17.7/21.9	25.1/30.4	41/48	48.3/55.5	54.3/64.3	79.2/90.9
		lbs	39.02/48.28	39.24/48.5	55.34/67.02	90.39/105.82	106/122	120/142	174.60/200.40
<b>Stuffing Quantity</b>									
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	214/461/519	214/461/519	120/264/297	77/161/184	49/105/120	62/130/149	28/56/70



# INNOVA

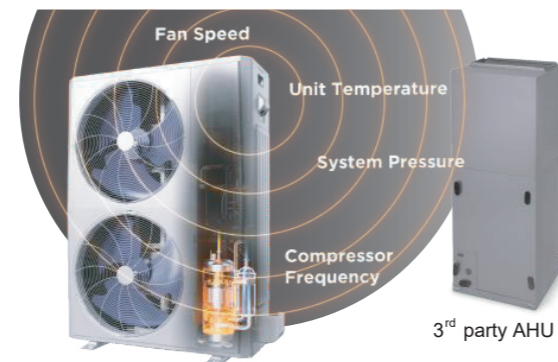
## Exclusive BI-COMM Technology

Compatible with 485 & 24V Communication

### Communication Mode



### Self-adapt Mode



Industry first BI-COMM technology enables the INNOVA Inverter Heat Pump System to work with the INNOVA communicating wall control or to compatible with existing 24V thermostats or smart/learning. As a result, the INNOVA System can be installed as a complete set or added in components to existing HVAC systems, without changing current duct design, refrigerant lines or communication wires

# INNOVA

## Inverter Heat Pump and Air Handler System



Comfort Enhancement  
Made Easy for Every Home

## Real Inverter Benefits For All

■ Enjoy Real Inverter  
with the INNOVA Inverter  
Heat Pump Condenser



Up to 30%  
Energy Saving  
- AI Inverter technology



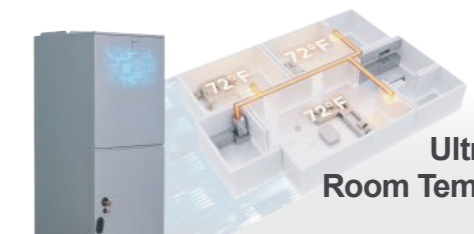
Quiet Operation  
- As low as 59 dBA with  
a 1.5 ton INNOVA inverter  
heat pump



Fast Heating  
& Cooling  
- AI Inverter Compressor  
Activation technology



■ Enjoy Optimal Comfort  
with the Full INNOVA SET



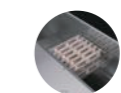
AI Inverter Heat pump with GA Algorithm

Ultra Stable  
Room Temperature

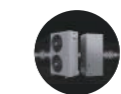
Optimal  
Airflow Delivery



AI INNOVA AHU with Computational Constant Airflow



Adaptable Heating Combination  
- Optional Auxiliary heat kits



Quiet Operation  
- As low as 35 dBA with a 1.5 ton INNOVA AHU  
- As low as 59 dBA with a 1.5 ton INNOVA inverter heat pump



Easy Control  
- Wifi Control & Dual Control



### INNOVA 485+24V AHU ▶

Model	Indoor Unit	AUH2-18N1-BM3E	AUH2-24N1-BM3E	AUH2-30N1-CM3E	AUH2-36N1-CM3E	AUH2-48N1-CM3E	AUH2-60N1-DM3E	
	Outdoor Unit	AUO17-18N1-M3	AUO17-24N1-M3	AUO17-30N1-M3	AUO17-36N1-M3	AUO17-48N1-M3	AUO17-60N1-M3	
<b>Performance</b>								
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	36000/36000	47000/50000	57000/60000
	SEER2	Btu/W	17.0	17	10.6	16.9	15.8	14.7
	EER2	Btu/W	10.9	10.5	8.5	10.1	8.8	8.8
	HSPF4	Btu/W	8.8	9.2	9	8.2	9.4	8.5
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	11000	19400	17500	21000	36000	34600
	COP	W/W	2	2.1	1.7	1.9	1.95	1.9
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	576/529/488	758/694/629	894/805/711	1082/970/864	1282/1094/905	1582/1358/1135
Noise Level	H/M/L	dB(A)	36/34/32	43/40.5/35	43/40/30.5	46.8/44/41.3	53/50/46	52.5/49/44
Net Dimension	WxDxH	mm	534 x 445 x 1143	534 x 445 x 1143	534 x 534 x 1245	534 x 534 x 1245	534 x 534 x 1245	534 x 622 x 1346
	WxDxH	inch	21 x 17½ x 45	21 x 17½ x 45	21 x 21 x 49	21 x 21 x 49	21 x 21 x 49	21 x 24½ x 53
Packing Dimension	WxDxH	mm	640 x 530 x 1280	640 x 530 x 1280	640 x 620 x 1380	640 x 620 x 1380	640 x 620 x 1380	640 x 705 x 1480
	WxDxH	inch	25¼ x 20¾ x 50¾	25¼ x 20¾ x 50¾	25¼ x 24¾ x 54¾	25¼ x 24¾ x 54¾	25¼ x 24¾ x 54¾	25¼ x 27¾ x 58¾
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	59.2/70.9	73.8/86.5
		lbs	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/190.70
<b>Stuffing Quantity</b>								
Stuffing Quantity	set	39/82/154	39/82/154	27/57/57	27/57/57	27/57/57	27/54/54	

### INNOVA 485+24V AHU Mega Heat ▶



Model	Indoor Unit	AUH2-18N1-BM3E	AUH2-24N1-BM3E	AUH2-30N1-CM3E	AUH2-36N1-CM3E	AUH2-48N1-CM3E	AUH2-60N1-DM3E	
	Outdoor Unit	AUO18-18N1-M3H	AUO18-24N1-M3H	AUO18-30N1-M3H	AUO18-36N1-M3H	AUO18-48N1-M3H	AUO18-60N1-M3H	
<b>Performance</b>								
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/19000	24000/24000	30000/33000	36000/40000	47000/50000	55000/59000
	SEER2	Btu/W	18	17.4	16.2	15.8	15.6	15.3
	EER2	Btu/W	12.4	11.7	9.8	9.8	8.2	8.8
	HSPF4	Btu/W	9.3	10	8.9	9.5	9.4	9.4
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	16500	22600	24000	34400	46000	48500
	COP	W/W	2.04	1.91	1.77	1.97	1.9	1.91
<b>Indoor unit</b>								
Air Flow Volume	H/M/L	CFM	576/529/488	758/694/629	894/805/711	1082/970/864	1282/1094/905	1582/1358/1135
Noise Level	H/M/L	dB(A)	36/34/32	43/40.5/35	43/40/30.5	46.8/44/41.3	53/50/46	52.5/49/44
Net Dimension	WxDxH	mm	534 x 445 x 1143	534 x 445 x 1143	534 x 534 x 1245	534 x 534 x 1245	534 x 534 x 1245	534 x 622 x 1346
	WxDxH	inch	21 x 17½ x 45	21 x 17½ x 45	21 x 21 x 49	21 x 21 x 49	21 x 21 x 49	21 x 24½ x 53
Packing Dimension	WxDxH	mm	640 x 530 x 1280	640 x 530 x 1280	640 x 620 x 1380	640 x 620 x 1380	640 x 620 x 1380	640 x 705 x 1480
	WxDxH	inch	25¼ x 20¾ x 50¾	25¼ x 20¾ x 50¾	25¼ x 24¾ x 54¾	25¼ x 24¾ x 54¾	25¼ x 24¾ x 54¾	25¼ x 27¾ x 58¾
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	59.2/70.9	73.8/86.5
		lbs	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/190.70
<b>Stuffing Quantity</b>								
Stuffing Quantity	set	39/82/154	39/82/154	27/57/57	27/57/57	27/57/57	27/54/54	

### INNOVA 485+24V A Coil ▶



Model	Indoor Unit	AUA-24N1-B18	AUA-24N1-A18	AUA-24N1-B18	AUA-36N1-C24	AUA-36N1-B24	AUA-36N1-C24	AUA-48N1-C24	AUA-60N1-D28	
	Outdoor Unit	AUO17-18N1-M3	AUO17-24N1-M3	AUO17-24N1-M3	AUO17-30N1-M3	AUO17-36N1-M3	AUO17-36N1-M3	AUO17-48N1-M3	AUO17-60N1-M3	
<b>Performance</b>										
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/18500	24000/26000	24000/25600	30000/31000	35000/36000	36000/35000	48000/51000	53000/54000
	SEER2	Btu/W	15.2	15.4	15.7	14.9	14.6	14.4	14.3	15.2
	EER2	Btu/W	10.2	10	10	10.2	9.7	9.3	8.6	9.0
	HSPF4	Btu/W	8.6	9.2	9.8	9.3	7.7	8.0	8.3	8.5
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	10400	16000	18500	19000	20200	20800	28000	32000
	COP	W/W	1.94	2.00	2.20	1.81	1.91	1.90	1.80	1.90
<b>Indoor unit</b>										
Air Flow Volume	H/M/L	CFM	706	706	706	882	882	882	1029	1118
Net Dimension	WxDxH	mm	445 x 533 x 457	534 x 368 x 457	890 x 342 x 673	533 x 533 x 609	946 x 410 x 810	533 x 533 x 609	533 x 533 x 609	622 x 533 x 711
	WxDxH	inch	17½ x 21 x 18	21 x 14½ x 18	35 x 13½ x 26½	21 x 21 x 24	37¼ x 16¼ x 31¼	21 x 21 x 24	21 x 21 x 24	24¼ x 21 x 28
Packing Dimension	WxDxH	mm	520 x 665 x 515	447 x 662 x 522	995 x 398 x 740	610 x 665 x 670	1090 x 500 x 885	610 x 665 x 670	610 x 665 x 670	705 x 665 x 770
	WxDxH	inch	20½ x 26¼ x 20¼	17¼ x 26¼ x 20¼	39¼ x 15½ x 29¼	24 x 26¼ x 26¼	42¼ x 19¼ x 34¼	24 x 26¼ x 26¼	24 x 26¼ x 26¼	27¼ x 26¼ x 30¼
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	46.4/49.5	30.2/35	68.8/73.1	30.2/35	30.2/35	39.3/44.6
		lbs	43/52	42/47	102/109	67/77	152/161	67/77	67/77	87/98
<b>Stuffing Quantity</b>										
Stuffing Quantity (outdoor)	Qty/per 20' /40' /40'HQ	set	114/234/312	99/198/198	99/198/198	44/96/138	44/96/138	44/96/138	22/48/48	22/48/48
Stuffing Quantity (indoor)	Qty/per 20' /40' /40'HQ	set	148/308/385	172/360/450	148/308/385	81/171/228	120/252/336	81/171/228	81/171/228	72/162/162

### INNOVA 485+24V A Coil Mega Heat ▶



Model	Indoor Unit	AUA-24N1-B18	AUA-24N1-A18	AUA-24N1-B18	AUA-36N1-B24	AUA-36N1-C24	AUA-36N1-B24	AUA-48N1-C24	AUA-60N1-D28	
	Outdoor Unit	AUO18-18N1-M3H	AUO18-24N1-M3H	AUO18-24N1-M3H	AUO18-30N1-M3H	AUO18-30N1-M3H	AUO18-36N1-M3H	AUO18-48N1-M3H	AUO18-60N1-M3H	
<b>Performance</b>										
Power Supply	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	2208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/19000	24000/25000	24000/25000	29000/31000	30000/33000	35000/36000	46000/51000	53000/55000
	SEER2	Btu/W	16.1	16.1	16.5	15.2	15.5	15.2	14.3	14.5
	EER2	Btu/W	11.7	10.7	107	10	10.5	10	8.6	8.6
	HSPF4	Btu/W	9.5	9.8	9.5	8.5	9.7	8.5	9	8.6
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	15000	20000	20000	22600	27000	30000	40000	46500
	COP	W/W	2.20	2.00	1.95	1.80	1.85	1.80	1.80	1.80
<b>Indoor unit</b>										
Air Flow Volume	H/M/L	CFM	706	706	706	/	882	/	1029	1118
Net Dimension	WxDxH	mm	445 x 533 x 457	534 x 368 x 457	445 x 533 x 457	445 x 533 x 457	533 x 533 x 609	533 x 533 x 609	533 x 533 x 609	622 x 533 x 711
	WxDxH	inch	17½ x 21 x 18	21 x 14½ x 18	17-1/2 x 21 x 18	17½ x 21 x 18	21 x 21 x 24	17½ x 21 x 23¼	21 x 21 x 24	24¼ x 21 x 28
Packing Dimension	WxDxH	mm	520 x 665 x 515	447 x 662 x 522	520 x 665 x 515	520 x 665 x 515	610 x 665 x 670	520 x 665 x 645	610 x 665 x 670	705 x 665 x 770
	WxDxH	inch	20½ x 26¼ x 20¼	17¼ x 26¼ x 20¼	20½ x 26¼ x 20¼	20½ x 26¼ x 20¼	24 x 26¼ x 26¼	20½ x 26¼ x 25¼	24 x 26¼ x 26¼	27¼ x 26¼ x 30¼
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	19.4/23.6	19.4/23.6	30.2/35	27.3/31.3	30.2/35	39.3/44.6
		lbs	43/52	42/47	43/52	43/52	67/77	60/69	67/77	87/98
<b>Stuffing Quantity</b>										
Stuffing Quantity (outdoor)	Qty/per 20' /40' /40'HQ	set	99/198/198	44/96/138	44/96/138	44/96/138	44/96/138	44/96/96	22/48/48	22/48/48
Stuffing Quantity (indoor)	Qty/per 20' /40' /40'HQ	set	148/308/385	172/360/450	148/308/385	148/308/385	81/171/228	120/252/336	81/171/228	72/162/162

### INNOVA 485+24V Pancake ▶



Model	Indoor Unit		AUP-18N1-HM3	AUP-24N1-IM3	AUP-30N1-JM3	AUP-36N1-KM3
	Outdoor Unit		AUO17-18N1-M3	AUO17-24N1-M3	AUO17-30N1-M3	AUO17-36N1-M3
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	36000/36000
	SEER2	Btu/W	16.0	16.0	16.5	16.0
	EER2	Btu/W	10.0	10.0	10.0	9.5
	HSPF4	Btu/W	8.0	8.5	8.0	8.0
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	10000	18000	16000	20000
	COP	W/W	1.90	2.0	1.70	1.8
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	600/565/529	824/759/694	988/894/806	1176/1000/794
Noise Level	H/M/L	dB(A)	54/50/45.5	55/52/45.5	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098 x 593 x 278	1248 x 593 x 278	1403 x 593 x 278	1578 x 593 x 278
	WxDxH	inch	43¼ x 23¾ x 11	49¼ x 23¾ x 11	55¼ x 23¾ x 11	62¼ x 23¾ x 11
Packing Dimension	WxDxH	mm	1200 x 680 x345	1350 x 680 x 345	1505 x 680 x 345	1680 x 680 x 345
	WxDxH	inch	47¼ x 26¾ x 13¾	53¼ x 26¾ x 13¾	59¼ x 26¾ x 13¾	66¼ x 26¾ x 13¾
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112/125	123/136	136/150	145/157
<b>Stuffing Quantity</b>						
Stuffing Quantity (outdoor)	Qty' per 20' /40' /40'HQ	set	114/234/312	99/198/198	44/96/138	44/96/138
Stuffing Quantity (indoor)	Qty' per 20' /40' /40'HQ	set	72/144/210	72/144/168	54/108/147	54/108/147

### INNOVA 485+24V Pancake Mega Heat ▶



Model	Indoor Unit		AUP-18N1-HM3	AUP-24N1-IM3	AUP-30N1-JM3	AUP-36N1-KM3
	Outdoor Unit		AUO18-18N1-M3H	AUO18-24N1-M3H	AUO18-30N1-M3H	AUO18-36N1-M3H-A
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/19000	24000/27500	28000/30000	36000/36000
	SEER2	Btu/W	17.0	19.0	18.2	17.0
	EER2	Btu/W	12.4	12.0	11.7	10.0
	HSPF4	Btu/W	9.5	9.3	8.8	9.9
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	18000	24000	26000	36000
	COP	W/W	2.00	1.91	1.80	1.9
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	600/565/529	824/759/694	988/894/806	1176/1000/794
Noise Level	H/M/L	dB(A)	54/50/45.5	55/52/45.5	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098 x 593 x 278	1248 x 593 x 278	1403 x 593 x 278	1578 x 593 x 278
	WxDxH	inch	43¼ x 23¾ x 11	49¼ x 23¾ x 11¼	55¼ x 23¾ x 11	62¼ x 23¾ x 11
Packing Dimension	WxDxH	mm	1200 x 680 x345	1350 x 680 x 345	1505 x 680 x 345	1680 x 680 x 345
	WxDxH	inch	47¼ x 26¾ x 13¾	53¼ x 26¾ x 13¾	59¼ x 26¾ x 13¾	66¼ x 26¾ x 13¾
Net/Gross Weight		kg	51/56.6	55.6/61.9	61.6/68.2	65.7/71.1
		lbs	112/125	123/136	136/150	145/157
<b>Stuffing Quantity</b>						
Stuffing Quantity (outdoor)	Qty' per 20' /40' /40'HQ	set	99/198/198	44/96/138	44/96/138	22/48/48
Stuffing Quantity (indoor)	Qty' per 20' /40' /40'HQ	set	72/144/210	72/144/168	54/108/147	54/108/147





### INNOVA 485+24V Wall Mounted AHU ▶

Model	Indoor Unit		AUE-18N1-MM3E	AUE-24N1-MM3E	AUE-30N1-LM3E	AUE-36N1-LM3E
	Outdoor Unit		AUO17-18N1-M3	AUO17-24N1-M3	AUO17-30N1-M3	AUO17-36N1-M3
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/18000	24000/26000	30000/31000	35000/36000
	SEER2	Btu/W	17.0	17.0	18.0	16.9
	EER2	Btu/W	10.7	10.5	10.8	10.0
	HSPF4	Btu/W	8.8	10.2	8.2	8.0
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	10500	19400	18100	21500
	COP	W/W	2.03	2.33	1.72	1.92
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	618/576/529	824/759/694	998/894/806	1188/1082/971
Noise Level	H/M/L	dB(A)	52/47/36	54/50/41	53/49/46	58/52/49
Net Dimension	WxDxH	mm	515 x 399 x 928	515 x 399 x 928	559 x 483 x 1017	559 x 483 x 1017
	WxDxH	inch	20¼ x 15¾ x 36½	20¼ x 15¾ x 36½	22 x 19 x 40	22 x 19 x 40
Packing Dimension	WxDxH	mm	580 x 495 x 1090	580 x 495 x 1090	625 x 580 x 1193	625 x 580 x 1193
	WxDxH	inch	22¾ x 19½ x 42¾	22¾ x 19½ x 42¾	24¾ x 22¾ x 47	24¾ x 22¾ x 47
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88/109	88/109	109/133	109/133
<b>Stuffing Quantity</b>						
Stuffing Quantity (outdoor)	Qty' per 20' /40' /40'HQ	set	114/234/312	99/198/198	44/96/138	44/96/138
Stuffing Quantity (indoor)	Qty' per 20' /40' /40'HQ	set	88/192/192	88/192/192	36/76/152	36/76/152

### INNOVA 485+24V Wall Mounted AHU Mega Heat ▶



Model	Indoor Unit		AUE-18N1-MM3E	AUE-24N1-MM3E	AUE-30N1-LM3E	AUE-36N1-LM3E
	Outdoor Unit		AUO18-18N1-M3H	AUO18-24N1-M3H	AUO18-30N1-M3H	AUO18-36N1-M3H-A
<b>Performance</b>						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	18000/19000	24000/26000	30000/31000	36000/38000
	SEER2	Btu/W	19.3	17.5	16.9	17.6
	EER2	Btu/W	12.1	11.7	10.0	10.2
	HSPF4	Btu/W	10.8	10.5	9.0	9.2
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	18800	24000	25000	33400
	COP	W/W	2.30	2.00	1.80	1.81
<b>Indoor unit</b>						
Air Flow Volume	H/M/L	CFM	618/576/529	824/759/694	988/894/806	1188/1082/971
Noise Level	H/M/L	dB(A)	48/45/43	51/47/45	55/50/47	55/50/47
Net Dimension	WxDxH	mm	515 x 399 x 928	515 x 399 x 928	559 x 483 x 1017	559 x 483 x 1017
	WxDxH	inch	20¼ x 15¾ x 36½	20¼ x 15¾ x 36½	22 x 19 x 40	22 x 19 x 40
Packing Dimension	WxDxH	mm	580 x 495 x 1090	580 x 495 x 1090	625 x 580 x 1193	625 x 580 x 1193
	WxDxH	inch	22¾ x 19½ x 42¾	22¾ x 19½ x 42¾	24¾ x 22¾ x 47	24¾ x 22¾ x 47
Net/Gross Weight		kg	40/49.5	40/49.5	49.4/60.3	49.4/60.3
		lbs	88/109	88/109	109/133	109/133
<b>Stuffing Quantity</b>						
Stuffing Quantity (outdoor)	Qty' per 20' /40' /40'HQ	set	99/198/198	44/96/138	44/96/138	22/48/48
Stuffing Quantity (indoor)	Qty' per 20' /40' /40'HQ	set	88/192/192	88/192/192	36/76/152	36/76/152

# FLOOR STANDING

- Built-in Temperature Sensor
- Long-distance Windblast
- 3D Airflow
- User-friendly Control Panel
- Simple Installation



## Standard Features



Horizontal Swing



Vertical Swing



Breeze Away



Follow me

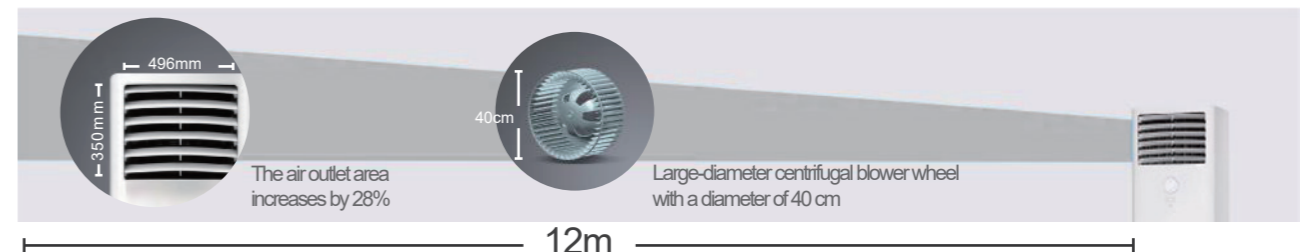
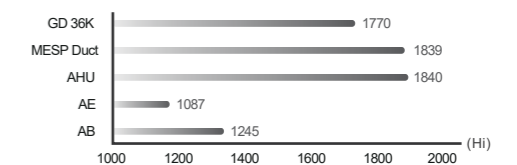
## Floor Standing ▶

Model		Indoor Unit	AG-36N1-M1
		Outdoor Unit	AFO19-36N1-M1
<b>Performance</b>			
Power Supply		V, Ph, Hz	208/230V,1Ph,60Hz
SEER2 (AHRI 210/240 - 2023)	Cooling /Heating Capacity	Btu/h	36000/36000
	SEER2	Btu/W	19.2
	EER2	Btu/W	9.5
	HSPF4	Btu/W	10
Heating at 5 °F(-15°C)	Rated capacity	Btu/h	22600
	COP	W/W	2
External Static Pressure (ESP)	Range	Pa	/
		In. wc.	/
Air Flow Volume	H/M/L	CFM	1041/947/852
Noise Level	H/M/L	dB(A)	46/44/42.5
Net Dimension	WxDxH	mm	1935 x 629 x 456
	WxDxH	inch	76¼ x 24¾ x 18
Packing Dimension	WxDxH	mm	2055 x 750 x 575
	WxDxH	inch	80¾ x 29½ x 22¾
Net/Gross Weight		kg	55/72.6
		lbs	121.25/160.05
Stuffing Quantity	20'/40'/40'HQ	Indoor unit	20/42/48

## Best Comfort

### Long-distance Windblast

Equipped with a powerful DC motor and a large-diameter centrifugal blower wheel to achieve an airflow of up to 1980 m<sup>3</sup>/h. The large air outlet and six large air directing blades enable an airflow distance of up to 12 m.



## Indoor Units for Multi-zone

### Convenience ▶



#### Manual ON/OFF

You can easily turn on/off your AC by pressing manual switch button, without using a remote controller or any special tools.



#### Digital Display

If you want to check the function status, just press your remote button, Midea digital display will show ON/OFF to you.



#### Remote In Engineer Mode

Main Functions can be changed by modifying programs of remote controller, you can design your most comfortable settings and delete those you don't need.



#### Front Desk Control

With a smart control board, Midea air conditioners can be turned on/off via long distance control signals.



#### Wired Control

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes air conditioner control more convenient.



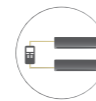
#### Central Control Management

The centralized controller is a multi-functional device that can control up to 64 indoor units within a maximum connection length of 1200m.



#### WIFI Control

With the WIFI control, you can easily turn off the AC outside your house via smart device. Furthermore, you can turn it on before you come back.



#### Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system. It comes in handy for warehouse management.



#### Louver Position Memory

Horizontal louver will automatically move to the same position as you set last time when the unit turned on.



#### Auto Restart Function

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous setting mode automatically when the power resume.



#### 2-way Draining

Both left and right sides of indoor unit are possible for drainage hose connection, easy for installation.



#### Timer

Set the unit to start and stop automatically in a 24h period.



#### Build-in Drain Pump

The drain pump can lift the condensing water up to 750mm.



#### Convenient Handle

Ergonomic handle makes the carrying much easier and convenient.



#### Transparent Water Level Indication

Easy indicate the water level and empty the water tank timely.



#### Omni-directional Caster

The integrated swivel casters make the portable AC easier to move.



Where Innovation Meets  
HVAC Excellence