



AI AIR CONDITIONING CORP.

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Website: www.aihvacglobal.com



North America Catalog



SPLIT AIR CONDITIONERS

North America Catalog

2025



AI AIR CONDITIONING CORP

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."

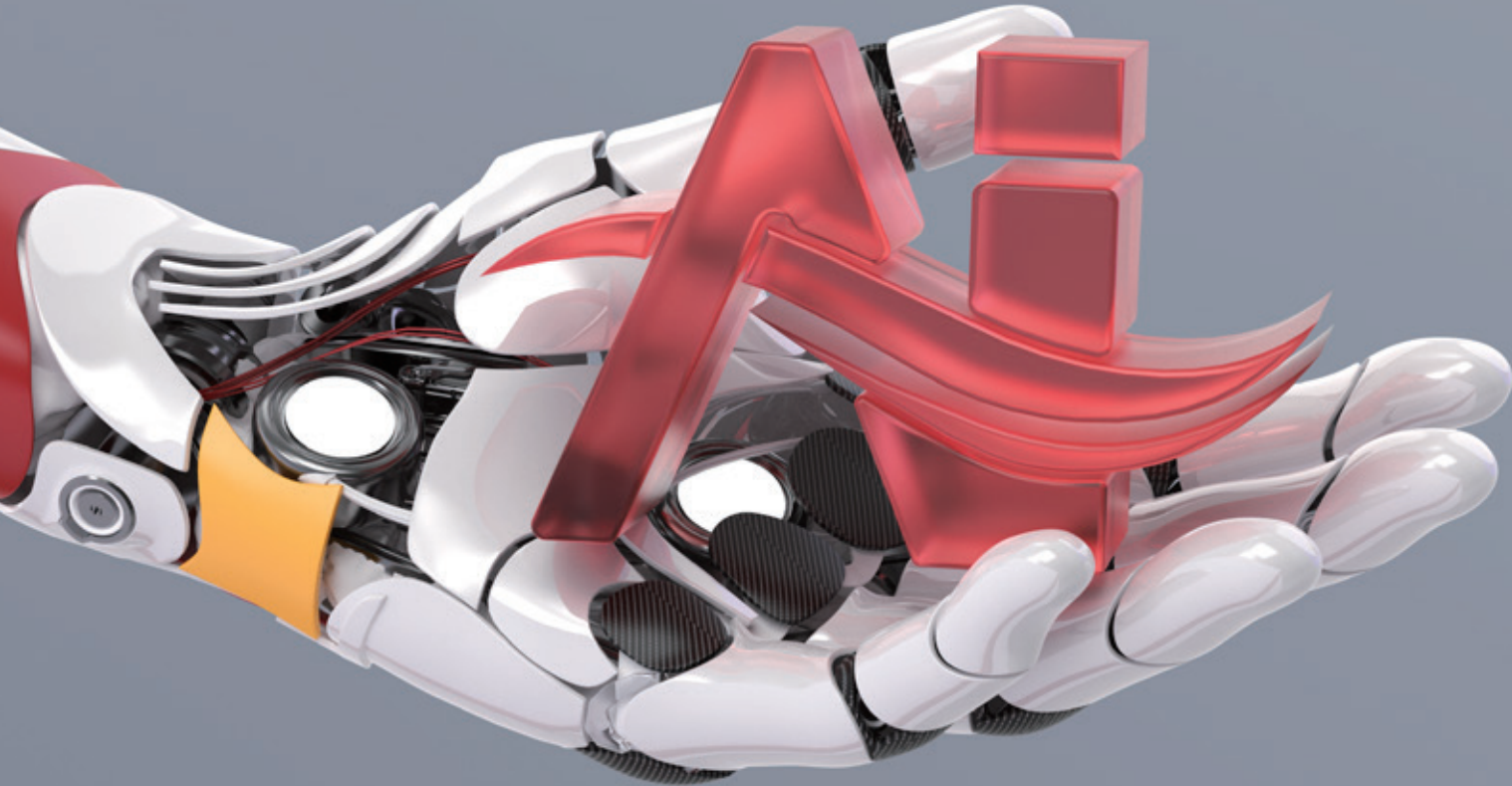


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LINEUP 2025



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 , R454B	✓	✓		✓	✓	✓	✓	✓		✓
24 SEER Series 	DC Inverter , R454B	✓	✓		✓	✓	✓	✓			
25 SEER Series 	DC Inverter , R454B			✓	✓	✓	✓	✓		✓	
35 SEER Series 	DC Inverter , R454B			✓	✓	✓	✓				

Light Commercial Outdoor

Series Name	Capacity(Btu/h)	6000 (230V)	9000 (230V)	12000 (230V)	18000 (230V)	24000 (230V)	27000 (230V)	30000 (230V)	33000 (230V)	36000 (230V)	48000 (230V)	55000 (230V)	60000 (230V)
Multi Zone (Standard Outdoor)	DC Inverter , R454B				✓		✓			✓	✓		✓
Multi Zone (Mega Heat Outdoor)	DC Inverter , R454B				✓		✓			✓	✓	✓	
U-Match (Standard Outdoor)	DC Inverter , R454B		✓	✓	✓	✓				✓	✓		✓
U-Match (Mega Heat Outdoor)	DC Inverter , R454B	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓
INNOVA (Standard Outdoor)	DC Inverter , R454B				✓	✓		✓	✓		✓		✓
INNOVA (Mega Heat Outdoor)	DC Inverter , R454B				✓	✓		✓	✓		✓		✓

Multi Zone Indoor

Series Name	Capacity(Btu/h)	6000 (230V)	9000 (230V)	12000 (230V)	16000 (230V)	18000 (230V)	24000 (230V)	33000 (230V)
Wall Mounted 	DC Inverter , R454B	✓	✓	✓		✓	✓	✓
Round Flow Cassette 	DC Inverter , R454B		✓	✓		✓	✓	
One-way Cassette 	DC Inverter , R454B	✓	✓	✓		✓		
High Static Duct 	DC Inverter , R454B		✓	✓		✓	✓	
Low Static Duct 	DC Inverter , R454B	✓	✓	✓		✓		
Console 	DC Inverter , R454B		✓	✓	✓			
Floor Ceiling 	DC Inverter , R454B					✓	✓	

U-Match Indoor

Series Name	Capacity(Btu/h)	6000 (230V)	9000 (230V)	12000 (230V)	16000 (230V)	18000 (230V)	24000 (230V)	36000 (230V)	48000 (230V)	60000 (230V)
Round Flow Cassette 	DC Inverter , R454B		✓	✓		✓	✓	✓	✓	
One-way Cassette 	DC Inverter , R454B	✓	✓	✓		✓				
High Static Duct 	DC Inverter , R454B		✓	✓		✓	✓	✓	✓	✓
Low Static Duct 	DC Inverter , R454B	✓	✓	✓		✓				
Console 	DC Inverter , R454B		✓	✓	✓					
Floor Ceiling 	DC Inverter , R454B					✓	✓	✓	✓	✓

INNOVA Indoor

Series Name	Capacity(Btu/h)	18000 (230V)	24000 (230V)	30000 (230V)	36000 (230V)	48000 (230V)	60000 (230V)
Air Handler (Gen2) 	DC Inverter , R454B	✓	✓	✓	✓	✓	✓
Air Handler (Gen3) 	DC Inverter , R454B	✓	✓	✓	✓	✓	✓
A Coil 	DC Inverter , R454B	✓	✓	✓	✓	✓	✓
Wall Mounted AHU 	DC Inverter , R454B	✓	✓	✓	✓		
Pancake 	DC Inverter , R454B	✓	✓	✓	✓		

Heat Pump Water Heater

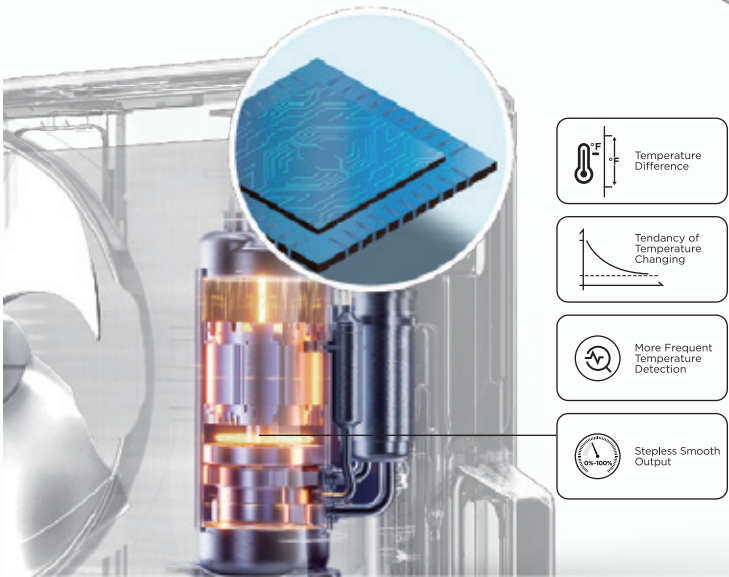
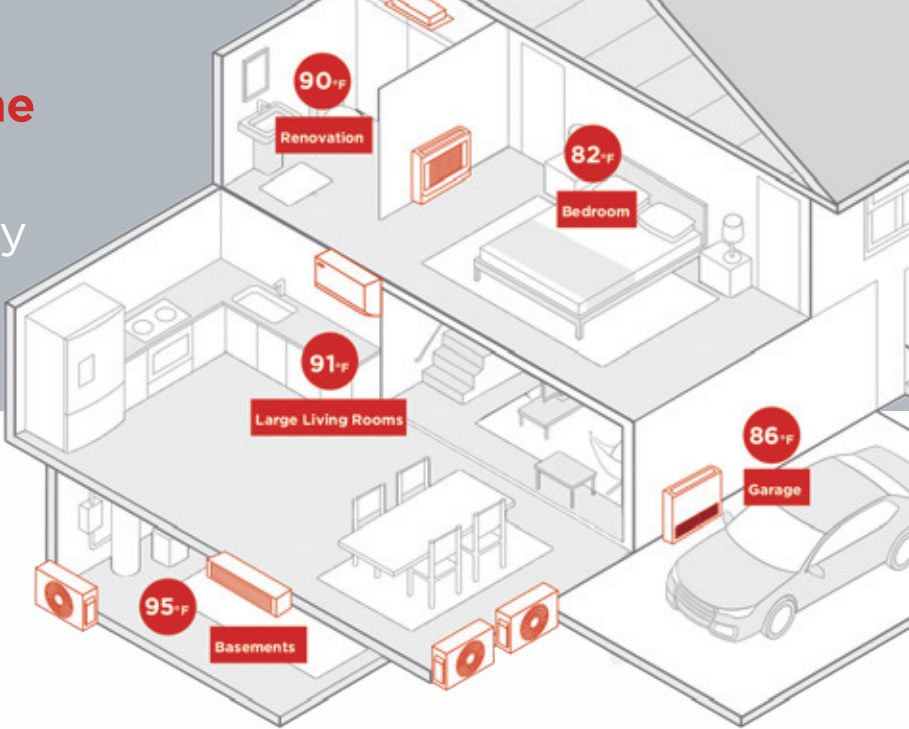
Series Name	Capacity	50 Gallon (230V)	65 Gallon (230V)	80 Gallon (230V)
Heat Pump Water Heater (USA Standard) 	DC Inverter , R454B	✓	✓	✓
Heat Pump Water Heater (Canada Standard) 	DC Inverter , R454B	✓	✓	✓

Ductless Systems



Ductless To Enhance The Room Comfort

Custom Control of Every Room at One Time



- Temperature Difference
- Tendency of Temperature Changing
- More Frequent Temperature Detection
- Stepless Smooth Output

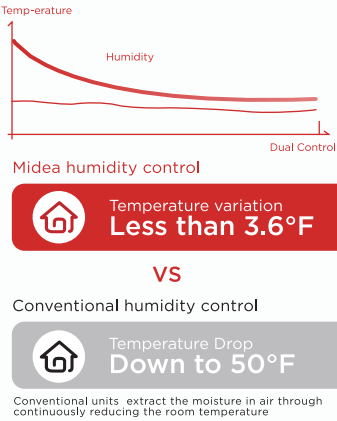
Enhance Room Comfort To Next Level

With AI GA Inverter Technology

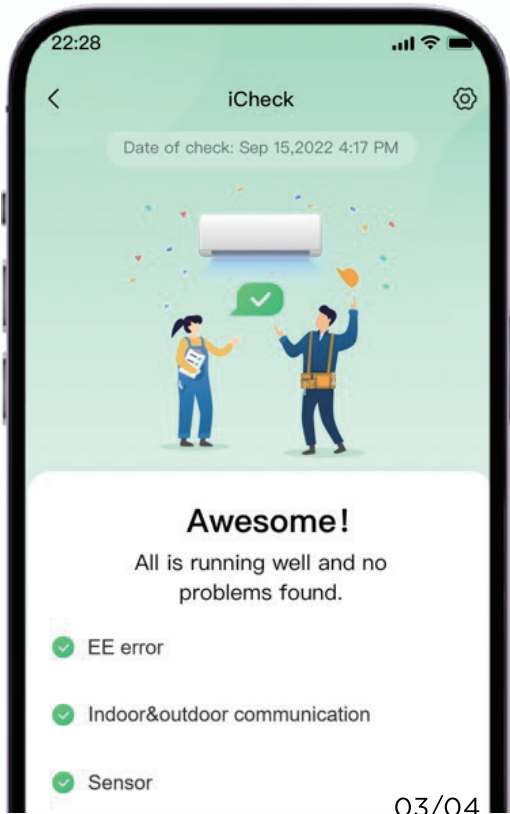
GA Inverter Algorithm can analyze more factors including temperature difference and the tendency of temperature difference changes, with a more frequent temperature detection to guarantee a more accurate control of the system output and bring better comfort

- Energy Saving
- Precise Temperature Control
- 1%-100% Fan Speed Setting
- Iceless

Optimal Dual Control of Humidity & Temperature



Easy Future Upgrade & Service



- 24V Mini-Interface
- TU1 Copper
- 7-Day Programmable Wired Control
- Enlarged Operation Space & Added Diagnostic Board for ODU
- 5-15A Delay Fuse
- 2-Pin Interface
- A2L Disperse system

MINI Split

- 46°F Heating
- Longer Airflow
- Louver Position Memory Function
- Smart Control
- Wi-Fi + Infrared Wired Controller Port



Standard Features

ECO

Turbo

Sleep Mode

Timer

Follow me

Self clean

46°F heating

Silent Mode

Gear

LED

1%-100% Fan Speed Setting

Child Lock

°C and °F Change

TUI Copper

OTA

Optional Features

Wired Control

Wi-Fi Control

24V Mini-Interface

21 SEER SERIES
Up to 22.3 SEER2



Model	Indoor Unit	AW21-09N2-B1	AW21-12N2-B1	AW21-09N2-M1	AW21-12N2-M1	AW21-18N2-M1	AW21-24N2-M1	AW21-30N2-M1	AW21-36N2-M1
	Outdoor Unit	AO21-09N2-B1	AO21-12N2-B1	AO21-09N2-M1	AO21-12N2-M1	AO21-18N2-M1	AO21-24N2-M1	AO21-30N2-M1	AO21-36N2-M1
PERFORMANCE									
Cooling	SEER2	21.5	21.3	21.6	21.3	20.2	18.5	22.3	19.5
	EER2	12.5	10.0	12.6	10.8	11.5	9.6	12.0	9.3
Heating	HSPF2-4	9.1	8.7	9.4	9.2	9.1	9.0	9.0	9.1
	COP	3.2	3.2	3.3	3.3	3.1	3.2	3.0	3.0
Cooling	Rated (Min/Max)	9000 (2900-10500)	12000 (3800-12600)	9000 (2900-10500)	12000 (2700-13800)	18000 (2600-18600)	24000 (6200-24700)	30000 (6800-33900)	36000 (6600-36800)
	Moisture Removal	1.0 L/H (2.1pint/H)	1.3 L/H (2.74pint/H)	0.9 L/H (1.90pint/H)	1.4 L/H (2.95pint/H)	2.5 L/H (5.28pint/H)	3.0 L/H (6.33pint/H)	3.6 L/H (7.6pint/H)	5.1 L/H (10.76pint/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)	-13°F-122°F (-25°C-50°C)	-13°F-122°F (-25°C-50°C)
	47°F Rated (Min/Max)	10000 (2400-11200)	12000 (2730-12500)	10000 (2400-10500)	12000 (2730-13900)	18800 (6100-19400)	24000 (11900-27200)	30000 (12300-32100)	36000 (11400-44000)
	17°F Rated	6600	7800	6600	8300	11700	17200	20000	25600
Heating	5°F Max: Capacity / COP	7000 / 1.95	7000 / 1.85	7000 / 2.00	8000 / 1.80	11500 / 2.00	17000 / 2.11	20000 / 1.94	24000 / 2.02
	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)	-13°F-75°F (-25°C-24°C)
INDOOR SPECIFICATION									
Indoor Air Flow (H/M/L) (CFM)		235/171/135	294/235/177	247/177/141	294/194/153	400/330/271	547/400/330	648/447/330	677/447/330
Indoor Noise Level (H/M/L) (dBA)		37/33/23	41/37/27.5	38.5/33/24	41/35/24	45/38/23	46/41/28	52/45/36	51/45/33.5
Dimension (W×D×H)	inch	28-3/4 x 7-7/8 x 11-1/2	31-5/8 x 7-7/8 x 11-5/8	28-3/4 x 7-7/8 x 11-1/2	31-5/8 x 7-7/8 x 11-5/8	38-1/4 x 9 x 12-5/8	42-5/8 x 9-1/4 x 13-1/4	49-5/8 x 11-1/8 x 14-1/4	49-5/8 x 11-1/8 x 14-1/4
	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 282 x 362	1259 x 282 x 362
Package (W×D×H)	inch	31-1/8 x 10-5/8 x 14-3/4	34-1/2 x 11-1/4 x 15	31-1/8 x 10-5/8 x 14-3/4	34-1/2 x 11-1/4 x 15	41-1/8 x 12 x 16	45-1/2 x 16-3/8 x 12-3/8	52-3/4 x 17-3/4 x 15-1/8	52-3/4 x 17-3/4 x 15-1/8
	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	18/24	19/26	18/23	19/25	25/33	31/40	43/57	43/57
	kg	8.3/10.7	8.8/11.6	8.2/10.5	8.6/11.4	11.5/14.9	13.9/18.0	19.7/25.8	19.7/25.8
OUTDOOR SPECIFICATION									
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Refrigerant		R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Outdoor Air Flow (Max) (CFM)		1294	1235	1294	1235	1235	1765	2235	2235
Outdoor Noise Level (dBA)		53	52.5	53.5	53	58	62	61.5	63
Dimension (W×D×H)	inch	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	31-3/4 x 13 x 21-3/4	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8
	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 (W×D×H)	inch	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	36 x 14-5/8 x 24-1/4	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8
	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	57/62	61/67	54/60	59/64	72/78	95/102	143/155	150/160
	kg	25.7/28.2	27.8/30.4	24.6/27.1	26.8/29.2	32.8/35.6	42.9/46.4	64.8/70.1	68.2/72.7
ELECTRICAL									
Power Supply		115V,60Hz,1Ph	115V,60Hz,1Ph	208/230V,60Hz, 1Ph	208/230V,60Hz, 1Ph	208/230V,60Hz, 1Ph	208/230V,60Hz, 1Ph	208/230V,60Hz, 1Ph	208/230V,60Hz, 1Ph
System MCA		18	19	12	13	15	19	28	33
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		20	20	15	15	20	20	30	35
PIPING									
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)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	1/2in (12.7mm)	5/8in (15.9mm)	5/8in (15.9mm)	5/8in (15.9mm)

MINI Split

- 46°F Heating
- Louver Position Memory Function
- Smart Control
- Wi-fi + Infrared Wired Controller Port
- Longer Airflow



Standard Features



ECO



Turbo



Sleep Mode



Timer



Follow me



Self clean



46° F heating



Silent Mode



Gear



LED



1%-100%
Fan Speed Setting



Child Lock



°C and °F
Change



TUI Copper



OTA

Optional Features



Wired Control



Wi-Fi Control



24V
Mini-Interface

24 SEER SERIES

Up to 24.6 SEER2



Model	Indoor Unit	AW24-09N2-B1	AW24-12N2-B1	AW25-09N2-M1	AW25-12N2-M1	AW25-18N2-M1	AW25-24N2-M1
	Outdoor Unit	AO24-09N2-B1H	AO24-12N2-B1H	AO24-09N2-M1	AO24-12N2-M1	AO24-18N2-M1	AO24-24N2-M1
PERFORMANCE							
Cooling	SEER2	24.5	23.2	24.6	23.1	24.0	23.5
	EER2	15	12.5	14.7	12.2	13.5	13.0
Heating	HSPF2-4	10.7	10.4	13	11.5	11.1	10
	COP	4.2	3.7	3.7	3.7	3.8	3.1
Cooling	Rated (Min/Max)	9000 (2600-13000)	12000 (2600-13000)	9000 (3100-10900)	12000 (2600-13700)	18000 (3600-20000)	24000 (9700-27000)
	Moisture Removal	0.8 L/H (1.7pint/H)	1.2 L/H (2.5pint/H)	0.7 L/H (1.5pint/H)	1.3 L/H (2.7pint/H)	1.4 L/H (3.0pint/H)	2.7 L/H (5.7pint/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)	-13°F-122°F (-25°C-50°C)	-13°F-122°F (-25°C-50°C)
	47°F Rated (Min/Max)	10000(4500-12800)	12000(4500-12800)	10000(4200-14200)	12000(4100-14400)	18000(7600-22000)	25000(11300-32700)
Heating	17°F Rated	8800	8800	8600	9600	13000	19500
	5°FMax: Capacity /COP	7300 / 2.20	7300 / 2.20	8200 / 2.33	8600 / 2.35	13000 / 2.35	17800 / 2.15
	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)	-13°F-75°F (-25°C-24°C)	-13°F-75°F (-25°C-24°C)
INDOOR SPECIFICATION							
Indoor Air Flow (H/M/L) (CFM)		306/235/188	306/235/188	294/194/153	294/194/153	500/441/371	589/459/383
Indoor Noise Level (H/M/L) (dBA)		40.5/35.0/26.5	40.5/35.0/26.5	42/36/21	43/37/20	45/40/26	48.5/43.5/27.5
Dimension (W×D×H)	inch	31-5/8 x 7-7/8 x 11-5/8	31-5/8 x 7-7/8 x 11-5/8	31-5/8 x 7-7/8 x 11-5/8	31-5/8 x 7-7/8 x 11-5/8	42-5/8 x 9-1/4 x 13-1/4	42-5/8 x 9-1/4 x 13-1/4
	mm	802 x 200 x 295	802 x 200 x 295	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	34-1/2 x 11-1/4 x 15	34-1/2 x 11-1/4 x 15	34-1/2 x 11-1/4 x 15	34-1/2 x 11-1/4 x 15	45-1/2 x 16-3/8 x 12-3/8	45-1/2 x 16-3/8 x 12-3/8
	mm	875 x 285 x 380	875 x 285 x 380	875 x 285 x 380	875 x 285 x 380	1155 x 415 x 315	1155 x 415 x 315
Net/Gross Weight	lbs	20/26	20/26	19/24	19/24	30/40	31/41
	kg	9.0/11.8	9.0/11.8	8.6/11	8.6/11	13.8/18	14.0/18.4
OUTDOOR SPECIFICATION							
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Refrigerant		R454B	R454B	R454B	R454B	R454B	R454B
Outdoor Air Flow (Max) (CFM)		1235	1235	1235	1235	1765	2235
Outdoor Noise Level (dBA)		53	53	52.5	54	59	60
Dimension (W×D×H)	inch	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	30-1/8 x 11-7/8 x 21-7/8	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8
	mm	765 x 303 x 555	765 x 303 x 555	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	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	34-7/8 x 13-1/4 x 24	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8
	mm	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	887 x 337 x 610	995 x 398 x 740	1090 x 500 x 885
Net/Gross Weight	lbs	65/70	65/70	62/68	62/68	93/100	122/132
	kg	29.3/31.8	29.3/31.8	28.2/30.7	28.2/30.7	42.0/45.5	55.4/60.0
ELECTRICAL							
Power Supply		115V,60Hz,1Ph	115V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
System MCA		18	18	12	12	18	24
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP		20	20	15	15	20	25
PIPING							
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)
Gas Size		3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	1/2in (12.7mm)	5/8in (15.9mm)

MINI Split

- 46°F Heating
- Louver Position Memory Function
- Smart Control
- Wi-fi + Infrared Wired Controller Port
- Longer Airflow



Standard Features

ECO

Turbo

Sleep Mode

Timer

Follow me

Self clean

46°F heating

Silent Mode

Gear

LED

1%-100% Fan Speed Setting

Child Lock

°C and °F Change

TUI Copper

OTA

Optional Features

Wired Control

Wi-Fi Control

24V Mini-Interface

25 SEER SERIES Up to 26 SEER2



Model	Indoor Unit Outdoor Unit	AW25-06N2-M1 AO25-06N2-M1H	AW25-09N2-M1 AO25-09N2-M1H	AW25-12N2-M1 AO25-12N2-M1H	AW25-18N2-M1 AO25-18N2-M1H	AW25-24N2-M1 AO25-24N2-M1H	AW25-33N2-M1 AO25-33N2-M1H
PERFORMANCE							
Cooling	SEER2	25.3	26.0	24.0	21.7	22.3	20.0
	EER2	16.0	15.0	13.2	13.0	12.5	11.7
Heating	HSPF2-4	14.6	12.5	10.5	10.8	13.3	10.5
	COP	3.8	3.6	3.6	3.5	3.1	3.2
Cooling	Rated (Min/Max)	6000 (2500-11500)	9000 (3600-13500)	12000 (3600-13500)	18000 (8400-20200)	23000 (16800-24500)	33000 (15000-35900)
	Moisture Removal	0.3 L/H (0.6pint/H)	0.6 L/H (1.3pint/H)	1.4 L/H (3.0pint/H)	1.8 L/H (3.8pint/H)	2.6 L/H (5.5pint/H)	4.5 L/H (9.5pint/H)
Heating	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)	-22°F-122°F (-30°C-50°C)
	47°F Rated (Min/Max)	7000(3200-10700)	12000(3800-16000)	12000(3800-16000)	18000(10300-23000)	26000(11800-28100)	36000(19900-38200)
	17°F Rated	7600	10000	10000	14400	21600	29600
	5°F Max: Capacity / COP	7500 / 3.8	11500 / 3.63	11500 / 3.63	18000 / 3.54	24000 / 3.05	34600 / 3.22
Heating	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)	-22°F-75°F (-30°C-24°C)
INDOOR SPECIFICATION							
Indoor Air Flow (H/M/L) (CFM)		235/177/141	294/194/153	294/194/153	500/441/371	589/459/383	677/530/447
Indoor Noise Level (H/M/L) (dBA)		37/32/24	39.5/33/24	42/35.5/22.5	45/40/24.5	49.5/43.5/34.5	52.5/46.5/29.5
Dimension (W×D×H)	inch	28-3/4 x 7-7/8 x 11-1/2	31-5/8 x 7-7/8 x 11-5/8	31-5/8 x 7-7/8 x 11-5/8	42-5/8 x 9-1/4 x 13-1/4	42-5/8 x 9-1/4 x 13-1/4	49-5/8 x 11-1/8 x 14-1/4
	mm	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	1259 x 283 x 362
Package (W×D×H)	inch	31-1/8 x 10-5/8 x 14-3/4	34-1/2 x 11-1/4 x 15	34-1/2 x 11-1/4 x 15	45-1/2 x 16-3/8 x 12-3/8	45-1/2 x 16-3/8 x 12-3/8	52-3/4 x 17-3/4 x 15-1/8
	mm	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	1340 x 450 x 385
Net/Gross Weight	lbs	18/23	19/24	19/24	30/40	31/41	43/57
	kg	8.0/10.5	8.6/11	8.6/11	13.8/18	14/18.4	19.6/26
OUTDOOR SPECIFICATION							
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	TWIN-ROTARY
Refrigerant		R454B	R454B	R454B	R454B	R454B	R454B
Outdoor Air Flow (Max) (CFM)		1235	1471	1471	1765	2235	2235
Outdoor Noise Level (dBA)		53	56	56	59	61	63.5
Dimension (W×D×H)	inch	30-1/8 x 11-7/8 x 21-7/8	31-3/4 x 13 x 21-3/4	31-3/4 x 13 x 21-3/4	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8	37-1/4 x 16-1/8 x 31-7/8
	mm	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	946 x 410 x 810
Package (W×D×H)	inch	34-7/8 x 13-1/4 x 24	36 x 14-5/8 x 24-1/4	36 x 14-5/8 x 24-1/4	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8
	mm	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	1090 x 500 x 885
Net/Gross Weight	lbs	62/68	73/79	73/79	100/108	130/141	157/168
	kg	28.2/30.7	33/35.7	33/35.7	45.3/48.9	59.1/64.1	71.2/76.2
ELECTRICAL							
Power Supply		208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
System MCA		12	15	15	19	24.9	34
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP		15	15	15	20	25	35
PIPING							
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)	3/8in (9.52mm)
Gas Size		3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	1/2in (12.7mm)	5/8in (15.9mm)	3/4in (19mm)

35 SEER MINI SPLIT

- Optimized Unit Structure
- IECO Mode
- Intelligent Comfort
- Easy to Maintain
- Longer Airflow Distance & Faster Cooling
- Gear Function
- Flexible Installation
- Intelligent Sensor
- Humidity Sensor



Standard Features

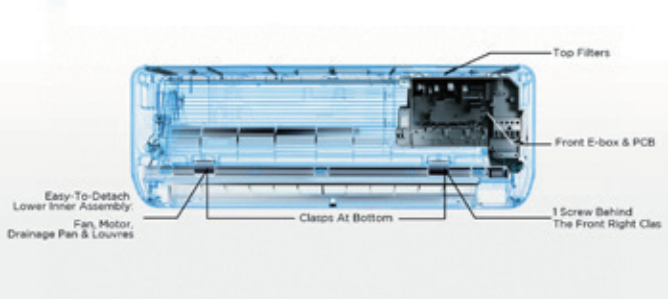
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|------------------|----------------|------------|-------|---------------------------|-------------|--------------|------------------|---------------------|-----|
| ECO | Turbo | Sleep Mode | Timer | Follow me | Self clean | 46°F heating | Silent Mode | TU1 Copper | OTA |
| Horizontal Swing | Vertical Swing | Gear | LED | 1%-100% Fan Speed Setting | Breeze Away | Child Lock | °C and °F Change | A2L Disperse system | |

Optional Features

- 24V Mini-Interface

OUTSTANDING FEATURES

An innovative optimization of unit structure We define the simplicity of a highwall unit



Flexible Installation

Flexible Space Solution

Flexible Placing with Optimal Cooling
5cm Short Ceiling Distance Required

2 inches



Intelligent Sensor

Wind follows me. Wind avoids me. It's your choice When you are away for over 30 minutes, The air conditioner will automatically lower the operating frequency to save energy.



Top-placed air filter

The air filter is placed on top of the unit and secure with magnetic attachment. Cleaning the air filter gets easy even on every day basis.

Detachable wind wheel

The wind wheel can be take out from the unit for thorough cleaning. You can also easily access to the evaporator and to clean the inner part of the unit.

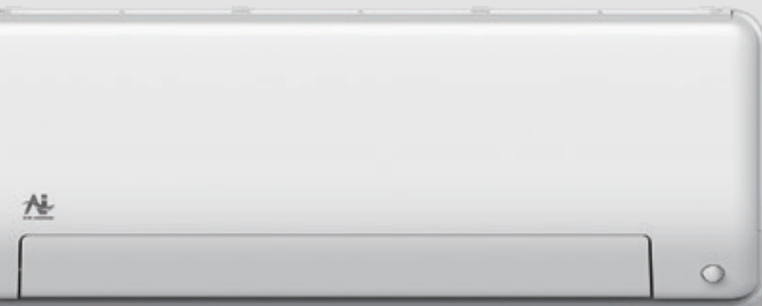


35 SEER SERIES
Up to 35 SEER2



Model	Indoor Unit	AW35-06N2-M1	AW35-09N2-M1	AW35-12N2-M1	AW35-18N2-M1
	Outdoor Unit	AO35-06N2-M1H	AO35-09N2-M1H	AO35-12N2-M1H	AO35-18N2-M1H
PERFORMANCE					
Cooling	SEER2	35.0	33.3	29.4	25.6
	EER2	17.4	17.0	14.2	15.0
Heating	HSPF2-4	30.0	22.0	14.5	16.2
	COP	4.0	3.6	3.6	4.4
Cooling	Rated (Min/Max)	6000 (3100-16500)	9000 (3100-16500)	12000 (3100-16500)	18000 (12600-27900)
	Moisture Removal	0.5L/H (1.1pint/H)	0.5L/H (1.1pint/H)	0.5L/H (1.1pint/H)	1.1L/H (2.3pint/H)
Heating	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)
	47°F Rated (Min/Max)	9000(4100-17200)	12000(4100-17200)	12000(4100-17200)	20000(9700-29700)
	17°F Rated	11000	11000	11000	19300
	5°F Max: Capacity / COP	13500 / 2.00	13500 / 1.86	13500 / 1.86	22600 / 2.34
	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)
INDOOR SPECIFICATION					
Indoor Air Flow (H/M/L) (CFM)		424/212/153	424/212/153	424/212/153	618/412/318
Indoor Noise Level (H/M/L) (dBA)		41.5/33/23	41.5/33/23	41.5/33/23	43.5/38.5/27
Dimension (W×D×H)	inch	40 x 9-3/4 x 12-1/2	40 x 9-3/4 x 12-1/2	40 x 9-3/4 x 12-1/2	46-7/8 x 11-1/4 x 14-5/8
	mm	1017.4 x 248 x 319	1017.4 x 248 x 319	1017.4 x 248 x 319	1190 x 285 x 371
Package (W×D×H)	inch	43-1/8 x 12-3/4 x 15-3/4	43-1/8 x 12-3/4 x 15-3/4	43-1/8 x 12-3/4 x 15-3/4	50-3/8 x 14-1/8 x 17-7/8
	mm	1095 x 325 x 400	1095 x 325 x 400	1095 x 325 x 400	1280 x 360 x 455
Net/Gross Weight	lbs	28/37	28/37	28/37	44/56
	kg	12.8/16.7	12.8/16.7	12.8/16.7	19.8/25.2
OUTDOOR SPECIFICATION					
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Refrigerant		R454B	R454B	R454B	R454B
Outdoor Air Flow (Max) (CFM)		1471	1471	1471	2235
Outdoor Noise Level (dBA)		57	57	57	61.5
Dimension (W×D×H)	inch	35 x 13-1/2 x 26-1/2	35 x 13-1/2 x 26-1/2	35 x 13-1/2 x 26-1/2	37-1/4 x 16-1/8 x 31-7/8
	mm	890 x 342 x 673	890 x 342 x 673	890 x 342 x 673	946 x 410 x 810
Package (W×D×H)	inch	39-1/8 x 15-5/8 x 29-1/8	39-1/8 x 15-5/8 x 29-1/8	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8
	mm	995 x 398 x 740	995 x 398 x 740	995 x 398 x 740	1090 x 500 x 885
Net/Gross Weight	lbs	100/108	100/108	100/108	130/141
	kg	45.2/48.9	45.2/48.9	45.2/48.9	59.1/64.1
ELECTRICAL					
Power Supply		208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
System MCA		16	16	16	25
Connection Wiring		AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
System MOCP		20	20	20	25
PIPING					
Liquid Size		1/4in (6.35mm)	1/4in (6.35mm)	1/4in (6.35mm)	3/8in (9.52mm)
Gas Size		3/8in (9.52mm)	3/8in (9.52mm)	3/8in (9.52mm)	5/8in (15.9mm)

Ducted & Ductless Compatible Multi-Zone




Enlarged Operation
Space & Added
Diagnostic Board
for ODUs

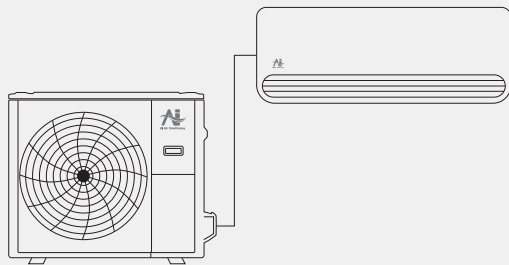

Fuse Added To Protect
Communication Wires


A2L Disperse
System

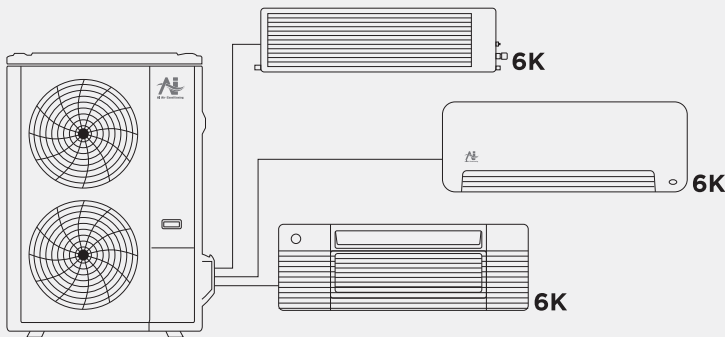
Power up to 6 Zones

One more connection port is added to the multi-zone condensers of all capacities

Flexile Indoor Unit Options



Connection to only 1 indoor unit



Connection to 6K indoor units

Capacity	18K	27K	36K	48K	55K
Port	3 ports available	4 ports available	5 ports available	6 ports available	6 ports available
Zone	1 zone to 3 zones	1 zone to 4 zones	1 zone to 5 zones	1 zone to 6 zones	1 zone to 6 zones



MULTI INDOOR UNITS COMBINATION RULE

Multi Dc Outdoor Unit		Availiable Indoor	Optional Combinaton(Only run)					
			One unit	Two Units	Three units	Four units	Five units	Six units
1drvie 3	A3MO21-18N2-M1	Wall Mounted: 6K/9K/12K/18K; Cassette/Duct/Console: 6K/9K/12K/18K;	12	6+6	6+6+6			
			18	6+9	6+6+9			
				6+12	6+9+9			
				6+18				
				9+9				
				9+12				
		12+12						
1drvie 4	A4MO21-27N2-M1	Wall Mounted: 6K/9K/12K/18K/24K; Cassette/Duct/Console: 6K/9K/12K/18K;	18	6+6	6+6+6	6+6+6+6		
			24	6+9	6+6+9	6+6+6+9		
				6+12	6+6+12	6+6+6+12		
				6+18	6+6+18	6+6+9+9		
				6+24	6+6+24	6+6+9+12		
				9+9	6+9+9	6+9+9+9		
				9+12	6+9+12	6+9+9+12		
				9+18	6+9+18	9+9+9+9		
				9+24	6+12+12			
				12+12	6+12+18			
				12+18	9+9+9			
				12+24	9+9+12			
	18+18	9+9+18						
		9+12+12						
1drvie 5	A5MO21-36N2-M1	Wall Mounted: 6K/9K/12K/18K/24K/30K; Cassette/Duct/Console: 6K/9K/12K/18K/24K;	24	6+18	6+6+6	6+6+6+6	6+6+6+6+6	
			30	6+24	6+6+9	6+6+6+9	6+6+6+6+9	
				9+9	6+6+12	6+6+6+12	6+6+6+6+12	
				9+12	6+6+18	6+6+6+18	6+6+6+6+18	
				9+18	6+6+24	6+6+6+24	6+6+6+9+9	
				9+24	6+9+9	6+6+9+9	6+6+6+9+12	
				12+12	6+9+12	6+6+9+12	6+6+6+9+18	
				12+18	6+9+18	6+6+9+18	6+6+9+9+9	
				12+24	6+9+24	5+6+9+24	6+6+9+9+12	
				18+18	6+12+12	6+6+12+12	6+6+9+9+18	
					6+12+18	6+6+9+9+9		
					6+12+24	6+6+12+24	6+9+9+9+12	
					6+18+18	6+6+18+18	6+9+9+9+18	
					9+9+9	6+9+9+9	9+9+9+9+9	
					9+9+12	6+9+9+12	9+9+9+9+12	
					9+9+18	6+9+9+18		
					9+9+24	6+9+9+24		
					9+12+12	6+9+12+12		
					9+12+18	6+9+12+18		
					9+12+24	6+12+12+12		
					9+18+18	6+12+12+18		
					12+12+12	9+9+9+9		
					12+12+18	9+9+9+12		
					12+12+24	9+9+9+18		
		12+18+18	9+9+12+12					
			9+9+12+18					
			9+12+12+12					
1drvie 6	A6MO21-48N2-M1	Wall Mounted: 6K/9K/12K/18K/24K/30K/36K; Cassette/Duct/Console: 6K/9K/12K/18K/24K;	30	6+24	6+6+18	6+6+6+6	6+6+6+6+6	6+6+6+6+6+6
			36	6+30	6+6+24	6+6+6+9	6+6+6+6+9	6+6+6+6+6+9
				6+36	6+6+30	6+6+6+18	6+6+6+6+12	6+6+6+6+6+12
				9+18	6+6+36	6+6+6+24	6+6+6+6+18	6+6+6+6+6+18
				9+24	6+9+12	6+6+9+9	6+6+6+6+24	6+6+6+6+9+9
				9+30	6+9+18	6+6+9+12	6+6+6+9+9	6+6+6+6+9+12
				9+36	6+9+24	6+6+9+18	6+6+6+9+12	6+6+6+6+9+18
				12+12	6+9+30	6+6+9+24	6+6+6+9+18	6+6+6+6+12+12
				12+18	6+9+36	6+6+12+12	6+6+6+9+24	6+6+6+6+12+18
				12+24	6+12+18	6+6+12+18	6+6+6+12+12	6+6+6+9+9+9
				12+30	6+12+24	6+6+12+24	6+6+6+12+18	6+6+6+9+9+12
				12+36	6+12+30	6+6+18+18	6+6+6+12+24	6+6+6+9+9+18
				18+18	6+12+36	6+6+18+24	6+6+6+18+18	6+6+6+9+12+12
				18+24	6+18+18	6+9+9+9	6+6+6+18+24	6+6+6+9+12+18
				18+30	6+18+24	6+9+9+12	6+6+9+9+9	6+6+6+12+12+12
				18+36	6+18+30	6+9+9+18	6+6+9+9+12	6+6+6+12+12+18
				24+24	6+18+36	6+9+9+24	6+6+9+9+18	6+6+9+9+9+9
				24+30	9+9+9	6+9+12+12	6+6+9+9+24	6+6+9+9+9+12
				24+36	9+9+12	6+9+12+18	6+6+9+12+12	6+6+9+9+9+18
					9+9+18	6+9+12+24	6+6+9+12+18	6+6+9+9+12+12
					9+9+24	6+9+18+18	6+6+9+12+24	6+6+9+9+12+18
					9+9+30	6+9+18+24	6+6+9+18+18	6+6+9+12+12+12
					9+9+36	6+12+12+12	6+6+9+18+24	6+6+9+12+12+18
					9+12+12	6+12+12+18	6+6+12+12+12	6+9+9+9+9+9
					9+12+18	6+12+12+24	6+6+12+12+18	6+9+9+9+9+12
					9+12+24	6+12+18+18	6+6+12+12+24	6+9+9+9+9+18
					9+12+30	6+12+18+24	6+6+12+18+18	6+9+9+9+12+12
					9+12+36	9+9+9+9	6+9+9+9+9	6+9+9+9+12+18
					9+18+18	9+9+9+12	6+9+9+9+12	6+9+9+9+12+24
					9+18+24	9+9+9+18	6+9+9+9+18	9+9+9+9+9+9
					9+18+30	9+9+9+24	6+9+9+9+24	9+9+9+9+9+12
					9+18+36	9+9+12+12	6+9+9+12+12	9+9+9+9+9+18
					12+12+12	9+9+12+18	6+9+9+12+18	9+9+9+9+12+12
					12+12+18	9+9+12+24	6+9+9+12+24	9+9+9+12+12+12
					12+12+24	9+9+18+18	6+9+9+18+18	
					12+12+30	9+9+18+24	6+9+12+12+12	

[illegible]

Mega Heat MULTI INDOOR UNITS COMBINATION RULE

Multi Dc Outdoor Unit		Available Indoor	Optional Combinaton(Only run)					
			One unit	Two Units	Three units	Four units	Five units	Six units
Hyper 1 drvie 3	A3MO23-18N2-MIH	Wall Mounted: 6K/9K/12K/18K/24K; Cassette/Duct/Console: 6K/9K/12K/18K/24K;	12	6+6	6+6+6			
			24	6+9	6+6+9			
				6+12	6+6+12			
				6+18	6+6+18			
				6+24	6+6+24			
				9+9	6+9+9			
				9+12	6+9+12			
				9+24	6+12+12			
				12+12	6+12+18			
				12+18	9+9+9			
				12+24	9+9+12			
				18+18	9+9+18			
					9+12+12			
					12+12+12			
Hyper 1 drvie 4	A4MO23-27N2-MIH	Wall Mounted: 6K/9K/12K/18K/24K/30K; Cassette/Duct/Console: 6K/9K/12K/18K/24K;	24	6+18	6+6+6	6+6+6+6		
			30	6+24	6+6+9	6+6+6+9		
				9+9	6+6+12	6+6+6+12		
				9+12	6+6+18	6+6+6+18		
				9+18	6+6+24	6+6+6+24		
				9+24	6+9+9	6+6+9+9		
				12+12	6+9+12	6+6+9+12		
				12+18	6+9+18	6+6+9+18		
				12+24	6+9+24	6+6+9+24		
				18+18	6+12+12	6+6+12+12		
					6+12+18	6+6+12+18		
					6+12+24	6+6+12+24		
					6+18+18	6+6+18+18		
					6+18+24	6+9+9+9		
			Hyper 1 drvie 5	A5MO23-36N2-MIH	Wall Mounted: 6K/9K/12K/18K/24K/30K/36K; Cassette/Duct/Console: 6K/9K/12K/18K/24K;	30	6+24	6+6+12
36	6+30	6+6+18				6+6+6+9	6+6+6+6+9	
	6+36	6+6+24				6+6+6+12	6+6+6+6+12	
	9+18	6+6+30				6+6+6+18	6+6+6+6+18	
	9+24	6+6+36				6+6+6+24	6+6+6+6+24	
	9+30	6+9+9				6+6+9+9	6+6+6+9+9	
	9+36	6+9+12				6+6+9+12	6+6+6+9+12	
	12+12	6+9+18				6+6+9+18	6+6+6+12+12	
	12+18	6+9+24				6+6+9+24	6+6+6+12+18	
	12+24	6+9+30				6+6+12+12	6+6+9+9+9	
	12+30	6+12+12				6+6+12+18	6+6+9+9+12	
	12+36	6+12+18				6+6+12+24	6+6+9+9+18	
	18+18	6+12+24				6+6+18+18	6+6+9+12+12	
	18+24	6+12+30				6+6+18+24	6+6+12+12+12	
	18+30	6+18+18				6+9+9+9	6+9+9+9+9	
	24+24	6+18+24	6+9+9+12	6+9+9+9+12				
		9+9+9	6+9+9+12+12	6+9+9+9+12+12				
		9+9+12	6+9+9+24	9+9+9+9+9				
		9+9+18	6+9+12+12	9+9+9+9+12				
		9+9+24	6+9+12+18	9+9+9+9+18				
		9+9+30	6+9+12+24	9+9+9+9+24				
		9+12+12	6+9+18+18	9+9+12+18+18				
		9+12+18	6+9+18+24	9+9+12+18+24				
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Multi Zone Outdoor Unit

Matched with Non-ducted

Model	Indoor Unit		Wall Mounted(6K*3)	Wall Mounted(6K*3+9K)	Wall Mounted(6K*3+9K*2)	Wall Mounted(9K*4+12K)	Wall Mounted(9K*4+24K)
	Outdoor Unit		A3MO21-18N2-M1	A4MO21-27N2-M1	A5MO21-36N2-M1	A6MO21-48N2-M1	A6MO21-60N2-M1
System			3 Zone	4 Zone	5 Zone	6 Zone	6 Zone
Performance							
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
SEER2 (AHRI 210/240 -2023)	Cooling Capacity	Btu/h	18,000	27,000	36,000	47,000	60,000
	Heating Capacity	Btu/h	19,000	27,000	37,000	48,000	60,000
	SEER2	Btu/W	25.1	25	24	24	22
	EER2	Btu/W	14	13	12	12.5	10
	HSPF4	Btu/W	9.8	9.5	9.5	10.3	9.5
Heating at 5°F (-15℃)	Rated capacity	Btu/h	13,500	19,000	26,000	36,000	39,000
	COP	W/W	2.3	2	2	2	2.2
Outdoor Air Flow Volume	Max	CFM	1766	2131	2148	4503	4503
Noise Level	dB(A)		60	61	65	63	65
Indoor unit							
Net Dimension	WxDxH	mm	890×342×673	946×410×810	946×410×810	952×415×1333	952×415×1333
	WxDxH	inch	35×13-1/2×26-1/2	37-1/4×16-1/8×31-7/8	37-1/4×16-1/8×31-7/8	37-1/2×16-3/8×52-1/2	37-1/2×16-3/8×52-1/2
Packing Dimension	WxDxH	mm	1030×438×750	1090×500×885	1090×500×885	1095×495×1480	1095×495×1480
	WxDxH	inch	40-1/2×17-1/4×29-1/2	43×19-5/8×34-7/8	43×19-5/8×34-7/8	43-1/8×19-1/2×58-1/4	43-1/8×19-1/2×58-1/4
Net/Gross Weight	kg		45.6/49.6	63.0/67.9	76.6/81.7	100.7/115.3	107.9/122.6
	lbs		101/109	139/150	169/180	222/254	238/270

Mega Heat Multi Zone Outdoor Unit

Matched with Non-ducted



Model	Indoor Unit		Wall Mounted(6K*3)	Wall Mounted(6K*3+9K)	Wall Mounted(6K*3+9K*2)	Wall Mounted(9K*4+12K)	Wall Mounted(6K*3+9K+24K)
	Outdoor Unit		A3MO23-18N2-M1H	A4MO23-27N2-M1H	A5MO23-36N2-M1H	A6MO23-48N2-M1H	A6MO23-55N2-M1H
System			3 Zone	4 Zone	5 Zone	6 Zone	6 Zone
Performance							
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
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	19,000	27,000	36,000	47,000	51,000
	Heating Capacity	Btu/h	20,000	27,000	36,000	49,000	55,000
	SEER2	Btu/W	25	23	23	23	22.2
	EER2	Btu/W	15	12.5	13	12	12
	HSPF4	Btu/W	10.4	10.5	10.7	11	10.5
Heating at 5°F (-15℃)	Rated capacity	Btu/h	19,000	27,000	36,000	47,000	47,000
	COP	W/W	2	2	2	2	2
Outdoor Air Flow Volume	Max	CFM	2131	2148	3037	4503	4503
Noise Level	dB(A)		62	61	65	65	65
Indoor unit							
Net Dimension	WxDxH	mm	946×410×810	946×410×810	980×415×975	952×415×1333	952×415×1333
	WxDxH	inch	37-1/4×16-1/8×31-7/8	37-1/4×16-1/8×31-7/8	38-1/2×16-3/8×38-3/8	37-1/2×16-3/8×52-1/2	37-1/2×16-3/8×52-1/2
Packing Dimension	WxDxH	mm	1090×500×885	1090×500×885	1145×500×1080	1095×495×1480	1095×495×1480
	WxDxH	inch	42-7/8×19-5/8×34-7/8	42-7/8×19-5/8×34-7/8	45-1/8×19-5/8×42-1/2	43-1/8×19-1/2×58-1/4	43-1/8×19-1/2×58-1/4
Net/Gross Weight	kg		62.3/67.2	76.4/81.5	96.1/111	111.8/125.5	111.8/125.5
	lbs		137/148	168/180	212/245	246/277	246/277

Multi Zone Outdoor Unit

Matched with Ducted

Model	Indoor Unit		Duct(6K*3)		Duct(6K*3+9K)		Duct(6K*3+9K*2)		Duct(9K*5)		Duct(9K*4+24K)	
	Outdoor Unit		A3MO21-18N2-M1		A4MO21-27N2-M1		A5MO21-36N2-M1		A6MO21-48N2-M1		A6MO21-60N2-M1	
System			3 Zone		4 Zone		5 Zone		6 Zone		6 Zone	
Performance												
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	
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000		26,600		35,000		45,000		60,000	
	Heating Capacity	Btu/h	19,000		26,600		37,000		47,000		60,000	
	SEER2	Btu/W	20		21		20		20.4		18	
	EER2	Btu/W	12.0		12.0		11.7		12.0		10.0	
	HSPF4	Btu/W	10		9		9.2		10.6		9.2	
Heating at 5°F (-15°C)	Rated capacity	Btu/h	14,600		18,800		26,000		38,000		40,000	
	COP	W/W	2.3		2		2		2.1		2.1	
Outdoor Air Flow Volume	Max	CFM	1766		2131		2148		4503		4503	
Noise Level	dB(A)		59		61		63		63		64	
Indoor unit												
Net Dimension	WxDxH	mm	890×342×673		946×410×810		946×410×810		952×415×1333		952×415×1333	
	WxDxH	inch	35×13-1/2×26-1/2		37-1/4×16-1/8×31-7/8		37-1/4×16-1/8×31-7/8		37-1/2×16-3/8×52-1/2		37-1/2×16-3/8×52-1/2	
Packing Dimension	WxDxH	mm	1030×438×750		1090×500×885		1090×500×885		1095×495×1480		1095×495×1480	
	WxDxH	inch	40-1/2×17-1/4×29-1/2		43×19-5/8×34-7/8		43×19-5/8×34-7/8		43-1/8×19-1/2×58-1/4		43-1/8×19-1/2×58-1/4	
Net/Gross Weight		kg	45.6/49.6		63.0/67.9		76.6/81.7		100.7/115.3		107.9/122.6	
		lbs	101/109		139/150		169/180		222/254		238/270	

Mega Heat Multi Zone Outdoor Unit

Matched with Ducted



Model	Indoor Unit		Duct(6K*3)		Duct(6K*3+9K)		Duct(6K*3+9K*2)		Duct(9K*4+12K)		Duct(6K*2+9K*2+24K)	
	Outdoor Unit		A3MO23-18N2-M1H		A4MO23-27N2-M1H		A5MO23-36N2-M1H		A6MO23-48N2-M1H		A6MO23-55N2-M1H	
System			3 Zone		4 Zone		5 Zone		6 Zone		6 Zone	
Performance												
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	
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	19,000		28,000		36,000		47,000		53,000	
	Heating Capacity	Btu/h	20,000		28,000		36,000		48,000		55,000	
	SEER2	Btu/W	20		19		19.4		20.4		20	
	EER2	Btu/W	13		12		12		11.7		11.7	
	HSPF4	Btu/W	10		9.5		10.4		11		10.7	
Heating at 5°F (-15℃)	Rated capacity	Btu/h	18,000		27,000		38,000		48,000		48,000	
	COP	W/W	2		2		2		2		2.1	
Outdoor Air Flow Volume	Max	CFM	2131		2148		3037		4503		4503	
Noise Level		dB(A)	62		61		65		65		65	
Indoor unit												
Net Dimension	WxDxH	mm	946×410×810		946×410×810		980×415×975		952×415×1333		952×415×1333	
	WxDxH	inch	37-1/4×16-1/8×31-7/8		37-1/4×16-1/8×31-7/8		38-1/2×16-3/8×38-3/8		37-1/2×16-3/8×52-1/2		37-1/2×16-3/8×52-1/2	
Packing Dimension	WxDxH	mm	1090×500×885		1090×500×885		1145×500×1080		1095×495×1480		1095×495×1480	
	WxDxH	inch	42-7/8×19-5/8×34-7/8		42-7/8×19-5/8×34-7/8		45-1/8×19-5/8×42-1/2		43-1/8×19-1/2×58-1/4		43-1/8×19-1/2×58-1/4	
Net/Gross Weight		kg	62.3/67.2		76.4/81.5		96.1/111		111.8/125.5		111.8/125.5	
		lbs	137/148		168/180		212/245		246/277		246/277	

25SEER Wall Mounted



Model	Indoor Unit		AW25-06N2-M1	AW25-09N2-M1	AW25-12N2-M1	AW25-18N2-M1	AW25-24N2-M1	AW25-33N2-M1
Performance								
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
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	383/324/230/177/147	441/324/230/177/147	441/324/230/177/147	636/500/359/294/294	812/618/412/318/318	812/618/412/318/318
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	44/37/33/22/20	38/38/33/21/20	47/37/33/22/20	50/45/38/31/20	55/44/39/27/16	55/44/39/27/16
Dimension & Weight								
Net Dimension	WxDxH	mm	848×233×300	848×233×300	848×233×300	1017×248×319	1190×285×371	1190×285×371
	WxDxH	inch	33-3/8×9-1/8×11-3/4	33-3/8×9-1/8×11-3/4	33-3/8×9-1/8×11-3/4	40×9-3/4×12-5/8	46-7/8×11-1/4×14-5/8	46-7/8×11-1/4×14-5/8
Packing Dimension	WxDxH	mm	920×310×370	920×310×370	920×310×370	1095×325×400	1280×360×455	1280×360×455
	WxDxH	inch	36-1/4×12-1/4×14-5/8	36-1/4×12-1/4×14-5/8	36-1/4×12-1/4×14-5/8	43-1/8×12-3/4×15-3/4	50-3/8×14-1/8×17-7/8	50-3/8×14-1/8×17-7/8
Net/Gross Weight		kg	10.4/13.3	10.6/13.6	10.4/13.3	12.4/16.6	19.8/25.2	19.6/25.3
		lbs	23/29	23/30	23/29	27/37	44/56	43/56

35SEER Wall Mounted



Model	Indoor Unit		AW35-06N2-M1	AW35-09N2-M1	AW35-12N2-M1	AW35-18N2-M1
Performance						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	559/424/212/153/153	559/424/212/153/153	559/424/212/153/153	812/618/412/318/318
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	42/42/33/23/19	42/42/33/23/19	42/42/33/23/19	55/44/39/27/16
Dimension & Weight						
Net Dimension	WxDxH	mm	1017×248×319	1017×248×319	1017×248×319	1190×285×371
	WxDxH	inch	40×9-3/4×12-5/8	40×9-3/4×12-5/8	40×9-3/4×12-5/8	46-7/8×11-1/4×14-5/8
Packing Dimension	WxDxH	mm	1095×325×400	1095×325×400	1095×325×400	1280×360×455
	WxDxH	inch	43-1/8×12-3/4×15-3/4	43-1/8×12-3/4×15-3/4	43-1/8×12-3/4×15-3/4	50-3/8×14-1/8×17-7/8
Net/Gross Weight		kg	12.8/16.7	12.8/16.7	12.8/16.7	19.8/25.2
		lbs	28/37	28/37	28/37	44/56

One-Way Cassette



Model	Indoor Unit		A1C-06N2-M1	A1C-09N2-M1	A1C-12N2-M1	A1C-18N2-M1
Performance						
Power Supply	V, Ph, Hz		208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	341/294/259/235/235	341/294/259/235/235	353/312/283/247/177	400/352/300/207/207
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	47/38/36/26/24	38/38/36/33/24	41/41/37/33/24	44/44/42/31/26
Dimension & Weight						
Net Dimension	WxDxH	mm	1278×335×228	1278×335×228	1278×335×228	1278×335×228
	WxDxH	inch	50-1/4×13-1/4×9	50-1/4×13-1/4×9	50-1/4×13-1/4×9	50-1/4×13-1/4×9
Packing Dimension	WxDxH	mm	1463×571×575	1463×571×575	1463×571×575	1463×571×575
	WxDxH	inch	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8
Net/Gross Weight		kg	20.5/37.4	20.5/37.4	20.5/37.4	20.5/37.6
		lbs	45/82	45/82	45/82	45/82



Round Flow Cassette

Model	Indoor Unit		AC-09N2-M1	AC-12N2-M1	AC-18N2-M1	AC-24N2-M1
Performance						
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	353/312/265/183/147	418/365/306/194/147	447/389/318/194/147	765/706/636/547/547
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	43/40/38/26/24	46/43/40/28/26	48/45/41/28/24	49/45/43/34/34
Dimension & Weight						
Net Dimension	WxDxH	mm	570×570×245	570×570×245	570×570×245	830×830×205
	WxDxH	inch	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8	32-5/8×32-5/8×8-1/8
Packing Dimension	WxDxH	mm	715×640×295	715×640×295	715×640×295	910×910×250
	WxDxH	inch	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8	35-7/8×35-7/8×9-7/8
Net/Gross Weight		kg	16/19	16.0/19.0	16.0/19.0	21.4/26.8
		lbs	35/42	35/42	35/42	47/59



Console

Model	Indoor Unit		AS-09N2-M1	AS-12N2-M1	AS-16N2-M1
Performance					
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	441/377/324/188/130	441/377/324/188/130	500/441/383/324/206
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	45/41/38/26/22	44/41/37/27/24	47/44/41/31/26
Dimension & Weight					
Net Dimension	WxDxH	mm	865×280×719	865×280×719	865×280×719
	WxDxH	inch	34×11×28-1/4	34×11×28-1/4	34×11×28-1/4
Packing Dimension	WxDxH	mm	794×200×621	794×200×621	794×200×621
	WxDxH	inch	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2
Net/Gross Weight		kg	14.9/19	14.9/19	14.9/19.0
		lbs	33/42	33/42	33/42

Floor Ceiling



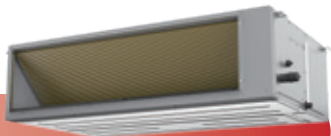
Model	Indoor Unit		AF-18N2-M1	AF-24N2-M1
Performance				
Power Supply	V, Ph, Hz		208/230, 1, 60	208/230, 1, 60
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	577/547/486/421/ 421	736/706/606/453/377
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	45/43/40/31/29	52/49/45/34/29
Dimension & Weight				
Net Dimension	WxDxH	mm	1068×675×235	1068×675×235
	WxDxH	inch	42×26-5/8×9-1/4	42×26-5/8×9-1/4
Packing Dimension	WxDxH	mm	1145×755×318	1145×755×318
	WxDxH	inch	45-1/8×29-3/4×12-1/2	45-1/8×29-3/4×12-1/2
Net/Gross Weight	kg		26.5/32.0	27.8/33.2
	lbs		58/71	61/73

Low Static Duct



Model	Indoor Unit		AL-06N2-M1	AL-09N2-M1	AL-12N2-M1	AL-18N2-M1
Performance						
Power Supply	V-,Hz,Ph		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Eternal Static Pressure (ESP)	Range	Pa	0-100	0-100	0-100	0-100
		In. wc.	0-0.40	0-0.40	0-0.40	0-0.40
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	324/265/206/147/118	324/265/206/147/118	400/324/265/177/118	600/559/500/441/441
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	33/33/31/30/22	33/33/31/30/23	36/36/35/33/26	40/40/39/38/32
Dimension & Weight						
Net Dimension	WxDxH	mm	700×506×200	700×506×200	700×506×200	880×674×210
	WxDxH	inch	27-1/2×19-7/8×7-7/8	27-1/2×19-7/8×7-7/8	27-1/2×19-7/8×7-7/8	34-5/8×26-1/2×8-1/4
Packing Dimension	WxDxH	mm	860×540×285	860×540×285	860×540×285	1070×725×280
	WxDxH	inch	33-7/8×21-1/4×11-1/4	33-7/8×21-1/4×11-1/4	33-7/8×21-1/4×11-1/4	42-1/8×28-1/2×11
Net/Gross Weight		kg	17.9/21.2	17.9/21.2	17.9/21.2	24.7/30
		lbs	39/47	39/47	39/47	55/66

High Static Duct



Model	Indoor Unit		AH-09N2-M1	AH-12N2-M1	AH-18N2-M1	AH-24N2-M1
Performance						
Power Supply	V-,Hz,Ph		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Eternal Static Pressure (ESP)	Range	Pa	0-200	0-200	0-200	0-200
		In. wc.	0-0.80	0-0.80	0-0.80	0-0.80
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	344/288/231/201/122	419/350/256/216/135	706/618/530/441/441	854/706/618/500/500
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	30/30/29/28/26	33/33/31/29/26	36/36/34/32/28	40/40/37/35/30
Dimension & Weight						
Net Dimension	WxDxH	mm	700×750×245	700×750×245	1000×750×245	1000×750×245
	WxDxH	inch	27-1/2×29-1/2×9-5/8	27-1/2×29-1/2×9-5/8	39-3/8×29-1/2×9-5/8	39-3/8×29-1/2×9-5/8
Packing Dimension	WxDxH	mm	925×850×298	925×850×298	1225×860×304	1225×860×304
	WxDxH	inch	36-3/8×33-1/2×11-3/4	36-3/8×33-1/2×11-3/4	48-1/4×33-7/8×12	48-1/4×33-7/8×12
Net/Gross Weight		kg	29.1/33.5	29.1/33.5	36.2/41.4	36.5/41.7
		lbs	64/74	64/74	80/92	80/92



U-MATCH

Ducted & Ductless Compatible U-Match

Outdoor Inverter Condenser



Regular Heat

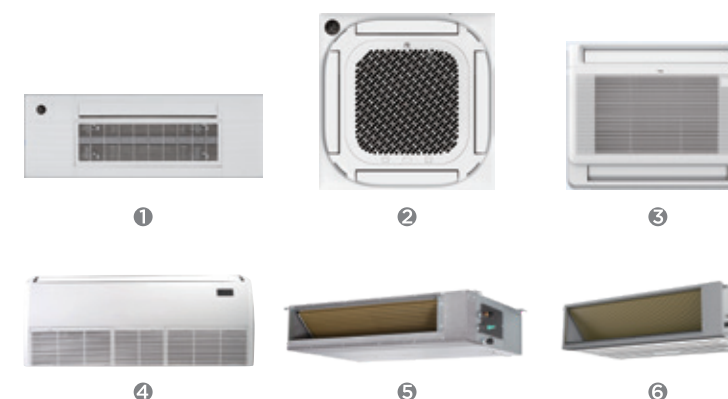
Cooling operation range:
-13°F~122°F
-25°C~50°C

Heating operating range:
-13°F~75°F
-25°C~24°C

Mega Heat

Cooling operation range:
-22°F~122°F
-30°C~50°C

Heating operating range:
-22°F~75°F
-30°C~24°C



Indoor Units

- ① One-Way Cassette
- ② Compact Round Flow Cassette
- ③ Console
- ④ Ceiling & Floor
- ⑤ Low Static Slim Duct
- ⑥ High Static Slim Duct

One Way Cassette

- Exclusive Compact Size 50-3/8"(W) 13-1/4"(D) 9"(H)
- Fit-in Size for the Common and the I-joist Space
- 2-way Installation
- Elevation Panel
- Easy-to-access Core Component
- Humidity Sensor



Standard Features

- | | | | | | | | | |
|---------------------|---------------------------|------------|------------------|-------------|------------|---------------------|-----|------------|
| ECO | Turbo | Sleep Mode | Timer | Follow me | Self clean | 46°F heating | LED | TUI Copper |
| Build-in Drain Pump | 1%-100% Fan Speed Setting | Child Lock | °C and °F Change | Silent Mode | Gear | A2L Disperse system | OTA | |

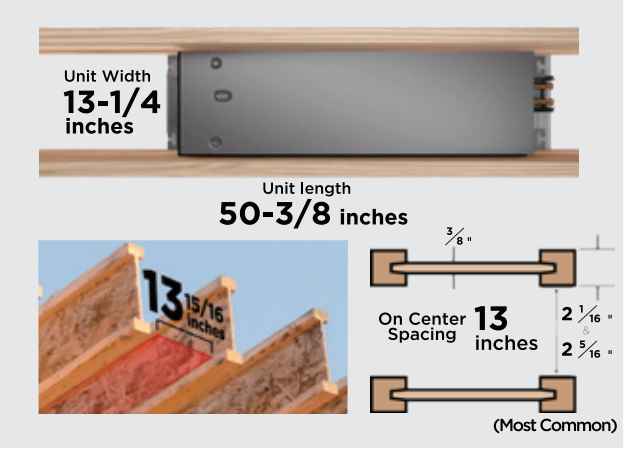
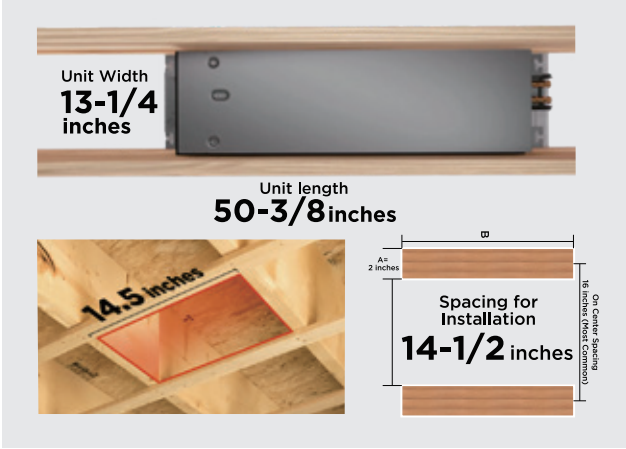
Optional Features

- | | | |
|---------------|---------------|--------------------|
| Wired Control | Wi-Fi Control | 24V Mini-Interface |
|---------------|---------------|--------------------|

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

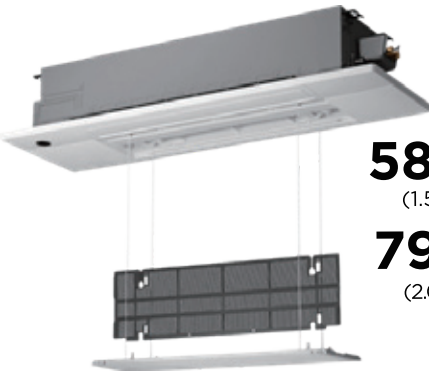
HangUp Installation

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



PushIn Installation

An 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.



58-3/4in
(1.5m) standard
79-1/4in
(2.0m) optional

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

Up to 22.2 SEER2



Model	Indoor Unit	A1C-09N2-M1	A1C-12N2-M1	A1C-18N2-M1
	Outdoor Unit	AO24-09N2-M1	AO24-12N2-M1	AO24-18N2-M1
Performance				
Power Supply	V, Ph, Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	9,000	12,000
	Heating Capacity	Btu/h	11,000	12,000
	SEER2	Btu/W	22.1	22.2
	EER2	Btu/W	14.4	12.5
	HSPF4	Btu/W	11.8	12.2
Heating at 5°F (-15°C)	Rated capacity	Btu/h	8,000	13,100
	COP	W/W	2.18	2.24
Indoor unit				
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	341/294/259/235/235	353/312/283/247/177
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	47/38/36/26/24	43/43/38/26/22
Net Dimension	WxDxH	mm	1278×335×228	1278×335×228
	WxDxH	inch	50-1/4×13-1/4×9	50-1/4×13-1/4×9
Packing Dimension	WxDxH	mm	1463×571×575	1463×571×575
	WxDxH	inch	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8
Net/Gross Weight		kg	20.5/37.4	20.5/37.6
		lbs	45/82	45/82

One-Way Cassette Mega Heat

Up to 24 SEER2



Model	Indoor Unit	A1C-06N2-M1	A1C-09N2-M1	A1C-12N2-M1	A1C-18N2-M1
	Outdoor Unit	AO25-06N2-M1H	AO25-09N2-M1H	AO25-12N2-M1H	AO25-18N2-M1H
Performance					
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 Capacity	Btu/h	6,500	9,000	12,000
	Heating Capacity	Btu/h	7,400	10,900	12,500
	SEER2	Btu/W	22.0	24.0	23
	EER2	Btu/W	15	14.6	13
	HSPF4	Btu/W	12.0	12.1	10
Heating at 5°F (-15°C)	Rated capacity	Btu/h	8,100	10,600	11,500
	COP	W/W	2.40	1.83	2.0
Indoor unit					
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	341/294/259/235/235	341/294/259/235/235	353/312/283/247/177
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	47/38/36/26/24	38/38/36/33/24	41/41/37/33/24
Net Dimension	WxDxH	mm	1278×335×228	1278×335×228	1278×335×228
	WxDxH	inch	50-1/4×13-1/4×9	50-1/4×13-1/4×9	50-1/4×13-1/4×9
Packing Dimension	WxDxH	mm	1463×571×575	1463×571×575	1463×571×575
	WxDxH	inch	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8	57-5/8×22-1/2×22-5/8
Net/Gross Weight		kg	20.5/37.4	20.5/37.4	20.5/37.4
		lbs	45/82	45/82	45/82

Compact Round Flow Cassette

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



Standard Features

- | | | | | | | | | |
|---|---|--|---|--|--|--|---|--|
| 
Sleep Mode | 
Anti-cold Air Function | 
Wide-angle Air Flow | 
Independent Dehumidification | 
Auto Defrosting | 
Build-in Drain Pump | 
Auto Restart Function | 
Timer | 
Low Ambient Cooling |
| 
TU1 Copper | 
OTA | 
A2L Disperse system | | | | | | |

Optional Features

- | | |
|--|---|
| 
Wired Control | 
24V Mini-Interface |
|--|---|

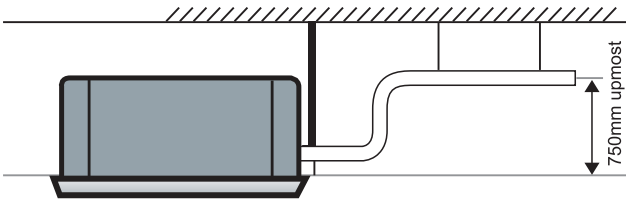


OUTSTANDING FEATURES

Compact Round Flow Cassette

Build-in Drain Pump

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

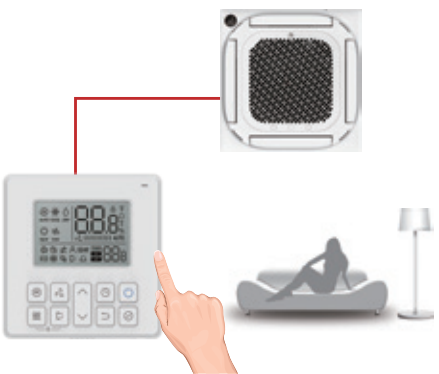
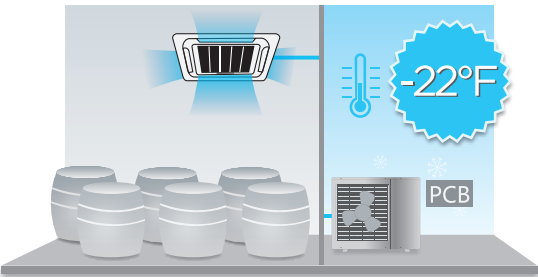


E-box inside

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 heating

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condensor 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.

Round Flow Cassette

Up to 22 SEER2



Model	Indoor Unit		AC-09N2-M1	AC-12N2-M1	AC-18N2-M1		AC-24N2-M1	AC-36N2-M1	AC-48N2-M1
	Outdoor Unit		AO24-09N2-M1	AO24-12N2-M1	AO24-18N2-M1		AO24-24N2-M1	ASO24-36N2-M2	ASO24-48N2-M2
Performance									
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 Capacity	Btu/h	9,000	12,000	16,800		24,000	36,000	48,000
	Heating Capacity	Btu/h	10,000	12,000	18,000		25,000	38,000	50,000
	SEER2	Btu/W	21.6	21.1	20.7		22	20.0	19
	EER2	Btu/W	14.3	12.5	12.5		12.0	9.6	9.5
	HSPF4	Btu/W	11.3	10.4	11.4		10.5	10.3	9.9
Heating at 5°F (-15°C)	Rated capacity	Btu/h	8,300	8,400	12,800		18,500	26,600	40,500
	COP	W/W	2.17	2.40	2.20		2.30	2.20	2.11
Indoor unit									
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	353/312/265/183/147	418/365/306/194/147	447/389/318/194/147		765/706/636/547/547	1042/948/854/753/659	1236/1124/1018/801/689
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	43/40/37/26/24	46/42/39/27/24	48/44/41/29/25		46/46/43/34/31	54/53/47/40/37	56/53/50/43/39
Net Dimension	WxDxH	mm	570×570×245	570×570×245	570×570×245		830×830×205	830×830×245	830×830×287
	WxDxH	inch	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8		32-5/8×32-5/8×8-1/8	32-5/8×32-5/8×9-5/8	32-5/8×32-5/8×11-1/4
Packing Dimension	WxDxH	mm	715×640×295	715×640×295	715×640×295		910×910×250	910×910×290	910×910×330
	WxDxH	inch	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8		35-7/8×35-7/8×9-7/8	35-7/8×35-7/8×11-3/8	35-7/8×35-7/8×13
Net/Gross Weight		kg	16/19	16.0/19.0	16.0/19.0		21.4/26.8	26.9/32.4	29.3/34.5
		lbs	35/42	35/42	35/42		47/59	59/71	65/76

Round Flow Cassette Mega Heat

Up to 22.6 SEER2



Model	Indoor Unit		AC-09N2-M1	AC-12N2-M1	AC-18N2-M1		AC-24N2-M1	AC-36N2-M1	AC-48N2-M1
	Outdoor Unit		AO25-09N2-M1H	AO25-12N2-M1H	AO25-18N2-M1H		AO25-24N2-M1H	ASO25-36N2-M2H	ASO25-48N2-M2H
Performance									
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 Capacity	Btu/h	9,000	12,000	16,000		23,400	36,600	48,000
	Heating Capacity	Btu/h	10,000	12,000	19,000		25,000	37,000	53,000
	SEER2	Btu/W	22.6	22.2	20.0		20.7	21.2	18
	EER2	Btu/W	14.0	12.5	12.5		12.0	12.0	10.0
	HSPF4	Btu/W	12.1	11.6	12.3		11.6	10.6	11.0
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,000	11,500	17,000		23,800	37,000	47,500
	COP	W/W	1.84	2.00	1.90		2.23	1.95	1.96
Indoor unit									
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	353/312/265/183/147	418/365/306/194/147	447/389/318/194/147		765/706/636/547/547	1042/948/854/753/659	1236/1124/1018/801/689
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	43/40/38/26/24	46/43/40/28/26	48/45/41/28/24		49/45/43/34/34	52/52/48/40/38	52/52/50/42/38
Net Dimension	WxDxH	mm	570×570×245	570×570×245	570×570×245		830×830×205	830×830×245	830×830×287
	WxDxH	inch	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8	22-1/2×22-1/2×9-5/8		32-5/8×32-5/8×8-1/8	32-5/8×32-5/8×9-5/8	32-5/8×32-5/8×11-1/4
Packing Dimension	WxDxH	mm	715×640×295	715×640×295	715×640×295		910×910×250	910×910×290	910×910×330
	WxDxH	inch	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8	28-1/8×25-1/4×11-5/8		35-7/8×35-7/8×9-7/8	35-7/8×35-7/8×11-3/8	35-7/8×35-7/8×13
Net/Gross Weight		kg	16/19	16.0/19.0	16.0/19.0		21.4/26.8	26.9/32.4	29.3/34.5
		lbs	35/42	35/42	35/42		47/59	59/71	65/76

Console

- 2-way Installation
 - Quieter Operation
 - 24V thermostat compatible(with mini 24V interface kit)
 - Humidity Sensor
- Dual Air Outlets with Larger Dimension
 - Better Air Quality



Standard Features

ECO

Turbo

Sleep Mode

Timer

Follow me

Self clean

46°F heating

LED

TUI Copper

1%-100% Fan Speed Setting

Child Lock

°C and °F Change

Silent Mode

Gear

OTA

A2L Disperse system

Optional Features

Wired Control

Wi-fi Control

24V Mini-Interface

Console

Up to 26 SEER2



Model		Indoor Unit	AS-09N2-M1	AS-12N2-M1	AS-16N2-M1
		Outdoor Unit	AO24-09N2-M1	AO24-12N2-M1	AO24-18N2-M1
Performance					
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	9,000	12,000	16,000
	Heating Capacity	Btu/h	9,000	12,000	17,000
	SEER2	Btu/W	26.0	24.6	23.8
	EER2	Btu/W	16.2	12.7	12.5
	HSPF4	Btu/W	13.9	11.0	13.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	8,600	8,900	13,100
	COP	W/W	2.27	2.50	2.16
Indoor unit					
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	441/377/324/188/130	441/377/324/188/130	500/441/383/324/206
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	42/39/35/30/20	42/39/35/30/ 24	42/42/39/29/24
Net Dimension	WxDxH	mm	794×200×621	794×200×621	794×200×621
	WxDxH	inch	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2
Packing Dimension	WxDxH	mm	865×280×719	865×280×719	865×280×719
	WxDxH	inch	34×11×28-1/4	34×11×28-1/4	34×11×28-1/4
Net/Gross Weight		kg	14.9/19	14.9/19	14.9/19.0
		lbs	33/42	33/42	33/42



Console Mega Heat

Up to 27.2 SEER2

Model		Indoor Unit	AS-09N2-M1	AS-12N2-M1	AS-16N2-M1
		Outdoor Unit	AO25-09N2-M1H	AO25-12N2-M1H	AO25-18N2-M1H
Performance					
Power Supply		V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	9,000	12,000	16,000
	Heating Capacity	Btu/h	9,000	12,000	17,000
	SEER2	Btu/W	27.2	25.0	20
	EER2	Btu/W	15.1	12.5	12.5
	HSPF4	Btu/W	10.9	10.5	10.3
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,300	11,300	17,500
	COP	W/W	1.84	1.88	1.95
Indoor unit					
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	441/377/324/188/130	441/377/324/188/130	500/441/383/324/206
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	45/41/38/26/22	44/41/37/27/24	47/44/41/31/26
Net Dimension	WxDxH	mm	865×280×719	865×280×719	865×280×719
	WxDxH	inch	34×11×28-1/4	34×11×28-1/4	34×11×28-1/4
Packing Dimension	WxDxH	mm	794×200×621	794×200×621	794×200×621
	WxDxH	inch	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2	31-1/4×7-7/8×24-1/2
Net/Gross Weight		kg	14.9/19	14.9/19	14.9/19.0
		lbs	33/42	33/42	33/42

Ceiling & Floor

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



Standard Features

Sleep Mode

360° Air Flow Panel

Anti-cold Air Function

Auto Defrosting

2-way Draining

Auto Restart Function

Timer

Low Ambient Cooling

TU1 Copper

OTA

A2L Disperse system

Optional Features

Wired Control

24V Mini-Interface



Floor Ceiling
Up to 22.3 SEER2



Model	Indoor Unit		AF-18N2-M1	AF-24N2-M1	AF-36N2-M1	AF-48N2-M1	AF-60N2-M1
	Outdoor Unit		AO24-18N2-M1	AO24-24N2-M1	ASO24-36N2-M2	ASO24-48N2-M2	ASO24-60N2-M2
Performance							
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
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	24,000	36,400	48,000	54,000
	Heating Capacity	Btu/h	18,000	24,400	38,000	52,000	60,000
	SEER2	Btu/W	22.3	21.1	20	18.5	18
	EER2	Btu/W	12.5	12.2	12.0	9.4	9.0
	HSPF4	Btu/W	10.4	11.1	10.8	10.1	10.7
Heating at 5°F (-15°C)	Rated capacity	Btu/h	12,800	18,600	48,500	48,500	57,000
	COP	W/W	2.05	2.27	2.02	1.83	1.91
Indoor unit							
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	577/547/486 /421/ 421	736/706/606 /453/377	1224/1089/989 /765/653	1354/1236/1083 /801/665	1366/1236/1118 /883/777
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	43/43/40/32/29	51/49/45/34/29	51/51/ 46/39/35	54/53/49/39/35	55/55/49/42/39
Net Dimension	WxDxH	mm	1068×675×235	1068×675×235	1650×675×235	1650×675×235	1650×675×235
	WxDxH	inch	42×26-5/8×9-1/4	42×26-5/8×9-1/4	65×26-5/8×9-1/4	65×26-5/8×9-1/4	65×26-5/8×9-1/4
Packing Dimension	WxDxH	mm	1145×755×318	1145×755×318	1725×755×318	1725×755×318	1725×755×318
	WxDxH	inch	45-1/8×29-3/4×12-1/2	45-1/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2
Net/Gross Weight		kg	26.5/32.0	27.8/33.2	40.3/47.6	40.4/47.7	43.2/50.5
		lbs	58/71	61/73	89/105	89/105	95/111



Floor Ceiling Mega Heat
Up to 20.4 SEER2

Model	Indoor Unit		AF-18N2-M1	AF-24N2-M1	AF-36N2-M1	AF-48N2-M1	AF-60N2-M1
	Outdoor Unit		AO25-18N2-M1H	AO25-24N2-M1H	ASO25-36N2-M2H	ASO25-48N2-M2H	ASO25-60N2-M2H
Performance							
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
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	17,000	22,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	19,000	26,000	38,000	50,000	60,000
	SEER2	Btu/W	20.4	20.4	20.0	19.8	19.5
	EER2	Btu/W	12.5	12.0	10.1	9.5	9.5
	HSPF4	Btu/W	10.3	12.1	10.0	10.2	9.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	17,000	24,200	26,000	38,500	35,000
	COP	W/W	1.86	2.16	2.17	1.95	2.01
Indoor unit							
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	577/547/486 /421/ 421	736/706/606 /453/377	1224/1089/989 /765/653	1354/1236/1083 /801/665	1366/1236/1118 /883/777
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	45/43/40/31/29	52/49/45/34/29	51/49/45/37/33	53/53/49/39/35	55/ 55/50/42/39
Net Dimension	WxDxH	mm	1068×675×235	1068×675×235	1650×675×235	1650×675×235	1650×675×235
	WxDxH	inch	42×26-5/8×9-1/4	42×26-5/8×9-1/4	65×26-5/8×9-1/4	65×26-5/8×9-1/4	65×26-5/8×9-1/4
Packing Dimension	WxDxH	mm	1145×755×318	1145×755×318	1725×755×318	1725×755×318	1725×755×318
	WxDxH	inch	45-1/8×29-3/4×12-1/2	45-1/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2	67-7/8×29-3/4×12-1/2
Net/Gross Weight		kg	26.5/32.0	27.8/33.2	40.3/47.6	40.4/47.7	43.2/50.5
		lbs	58/71	61/73	89/105	89/105	95/111

Slim Duct

- Flexible Air Intake Ways
- Optional Accessories
- Built-In Drain Pump
- Up to 0.8” Static Pressure
- Computational Constant Airflow
- Two-Way Installation



Standard Features

Anti-cold Air Function

Build-in Drain Pump

Auto Defrosting

2-way Draining

Auto Restart Function

Timer

Wired Control

Low Ambient Cooling

TUI Copper

24V Mini-Interface

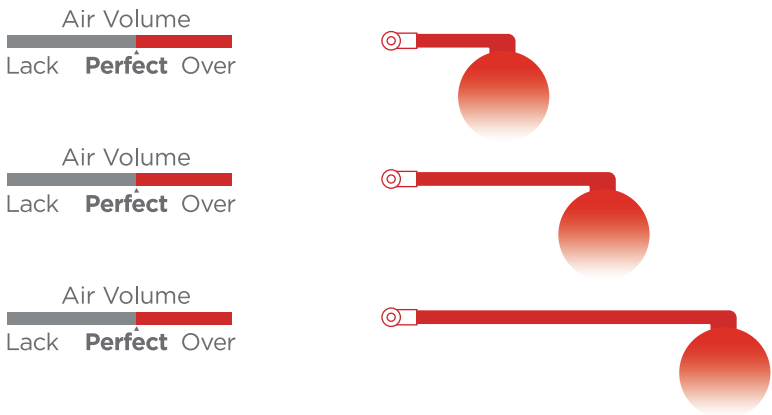
OTA

A2L Disperse system

AUDI CERTIFIED
www.audi-certified.org

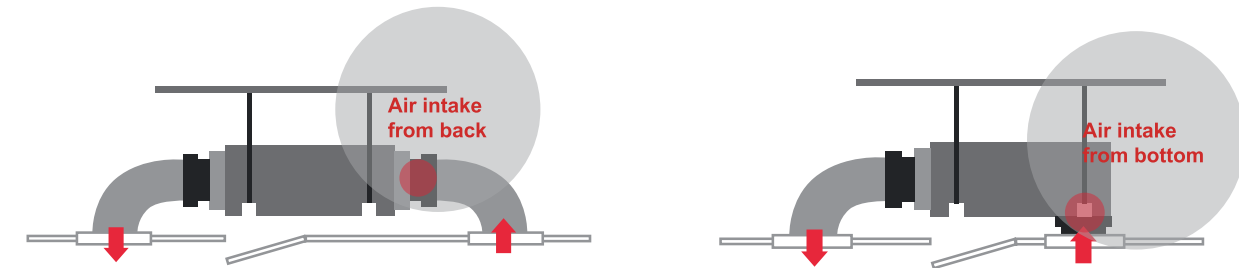
OUTSTANDING FEATURES | Slim Duct

Computational constant Airflow Technology Ensures constant airflow within 0.8” static pressure



Flexible Air Intake Ways

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

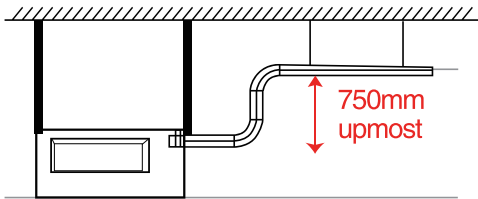
Optional accessories are available to meet the different needs of customers and enhance performance.



Filter

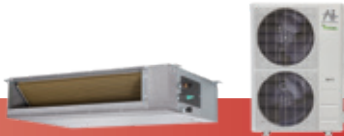
Built-in Drain Pump

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



Low Static Duct

Up to 20 SEER2



Model			Indoor Unit	AL-09N2-M1	AL-12N2-M1	AL-18N2-M1
			Outdoor Unit	AO24-09N2-M1	AO24-12N2-M1	AO24-18N2-M1
Performance						
Power Supply		V, Ph, Hz	208/230, 1, 60		208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	9,000		11,500	17,000
	Heating Capacity	Btu/h	10,000		12,000	20,000
	SEER2	Btu/W	19.5		19.0	20.0
	EER2	Btu/W	12.8		11.7	12.5
	HSPF4	Btu/W	11.0		10.2	10.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	8,000		13,000	20,000
	COP	W/W	2.25		2.25	2.20
Indoor unit						
Eternal Static Pressure (ESP)	Range	Pa	0-100		0-100	0-100
		In. wc.	0-0.40		0-0.40	0-0.40
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	324/265/206/147/118		400/324/265/177/118	600/559/500/441/441
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	34/34/33/29/24		37/37/35/33.5/26	40-1/2/40.5/39/38/35
Net Dimension	WxDxH	mm	700×506×200		700×506×200	880×674×210
	WxDxH	inch	27-1/2×19-7/8×7-7/8		27-1/2×19-7/8×7-7/8	34-5/8×26-1/2×8-1/4
Packing Dimension	WxDxH	mm	860×540×285		860×540×285	1070×725×280
	WxDxH	inch	33-7/8×21-1/4×11-1/4		33-7/8×21-1/4×11-1/4	42-1/8×28-1/2×11
Net/Gross Weight	kg		17.9/21.2		17.9/21.2	24.7/30
	lbs		39/47		39/47	55/66

Low Static Duct Mega Heat

Up to 21.4 SEER2



Model	Indoor Unit		AL-06N2-M1	AL-09N2-M1	AL-12N2-M1	AL-18N2-M1
	Outdoor Unit		AO25-06N2-M1H	AO25-09N2-M1H	AO25-12N2-M1H	AO25-18N2-M1H
Performance						
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 Capacity	Btu/h	6,500	9,000	12,000	17,000
	Heating Capacity	Btu/h	8,000	10,000	12,500	19,000
	SEER2	Btu/W	21.4	21.4	20.0	18.0
	EER2	Btu/W	14.4	13.4	12.0	12.0
	HSPF4	Btu/W	13.8	12.5	10	11
Heating at 5°F (-15°C)	Rated capacity	Btu/h	7,800	11,200	11,800	18,000
	COP	W/W	2.40	1.89	1.90	2.00
Indoor unit						
Eternal Static Pressure (ESP)	Range	Pa	0-100	0-100	0-100	0-100
		In. wc.	0-0.40	0-0.40	0-0.40	0-0.40
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	324/265/206/147/118	324/265/206/147/118	400/324/265/177/118	600/559/500/441/441
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	33/33/31/30 /22	33/33/31/30/23	36/36/35/33/ 26	40/40/39/38/32
Net Dimension	WxDxH	mm	700×506×200	700×506×200	700×506×200	880×674×210
	WxDxH	inch	27-1/2×19-7/8×7-7/8	27-1/2×19-7/8×7-7/8	27-1/2×19-7/8×7-7/8	34-5/8×26-1/2×8-1/4
Packing Dimension	WxDxH	mm	860×540×285	860×540×285	860×540×285	1070×725×280
	WxDxH	inch	33-7/8×21-1/4×11-1/4	33-7/8×21-1/4×11-1/4	33-7/8×21-1/4×11-1/4	42-1/8×28-1/2×11
Net/Gross Weight			kg	17.9/21.2	17.9/21.2	24.7/30
			lbs	39/47	39/47	55/66

Up to 20 SEER2



Up to 20.5 SEER2



Innova Central Ducted System

(24V+RS485 Series)

AI iNNOVA Family of Inverter Heat Pumps

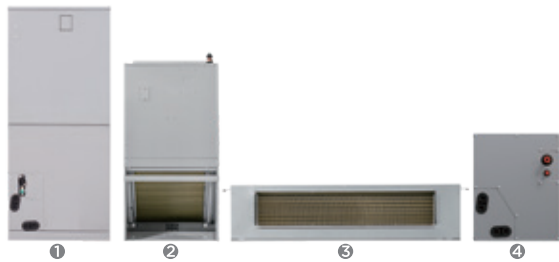
Easy Upgrade Solutions for Every

Outdoor Inverter Condenser



Regular Heat	Cooling operation range:	Heating operating range:
	-13°F~122°F -25°C~50°C	-13°F~75°F -25°C~24°C
Mega Heat	Cooling operation range:	Heating operating range:
	-22°F~122°F -30°C~50°C	-22°F~75°F -30°C~24°C

Indoor Air Handlers



iNNOVA G2

- 1 Standard Air Handler
- 2 Wall-Mounted Air Handler
- 3 Ceiling-Mounted Air Handler
- 4 A-Coil

iNNOVA G3

- 1 Air Handler

What Makes iNNOVA Easy?

Extreme Heating & Cooling All in One

iNNOVA HEAT

Continuous Operation Down to
-22°F/-30°C
Up to **100%** Heating Output at
-13°F/-25°C
With COP Up to **1.9**

iNNOVA COOL

Continuous Operation Up to
122°F/50°C
Up to **100%** cooling Output at
110°F/43°C
Up to **85%** cooling Output at
115°F/46°C

Multi-Voltage Capability for Easy Replacement

**115V & 208/230V
ALL IN ONE**



Automatically identifying the required voltage, no need for manual conversion



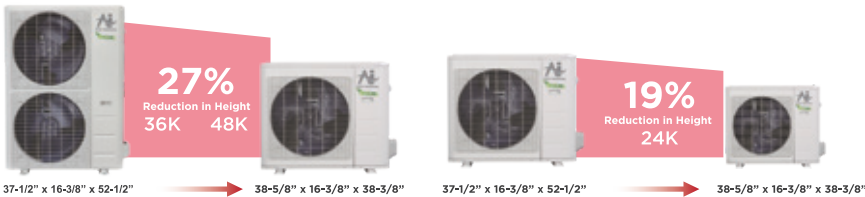
Eliminating the hassle of rewiring



Smaller Outdoor Units for Flexible Installation

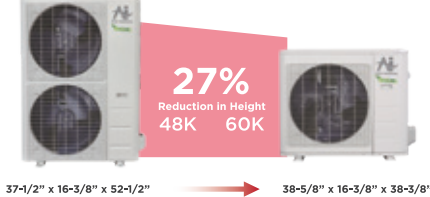
Mega Heat

Single-fan Units for All Capacity Under 5 Tons

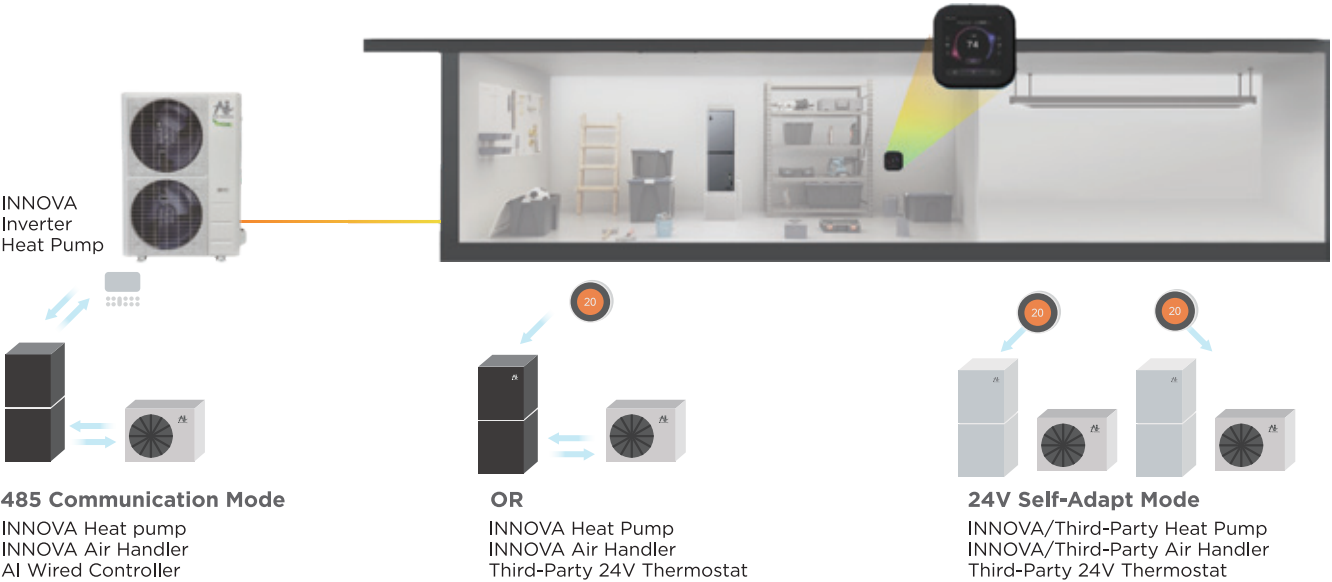


Regular Heat

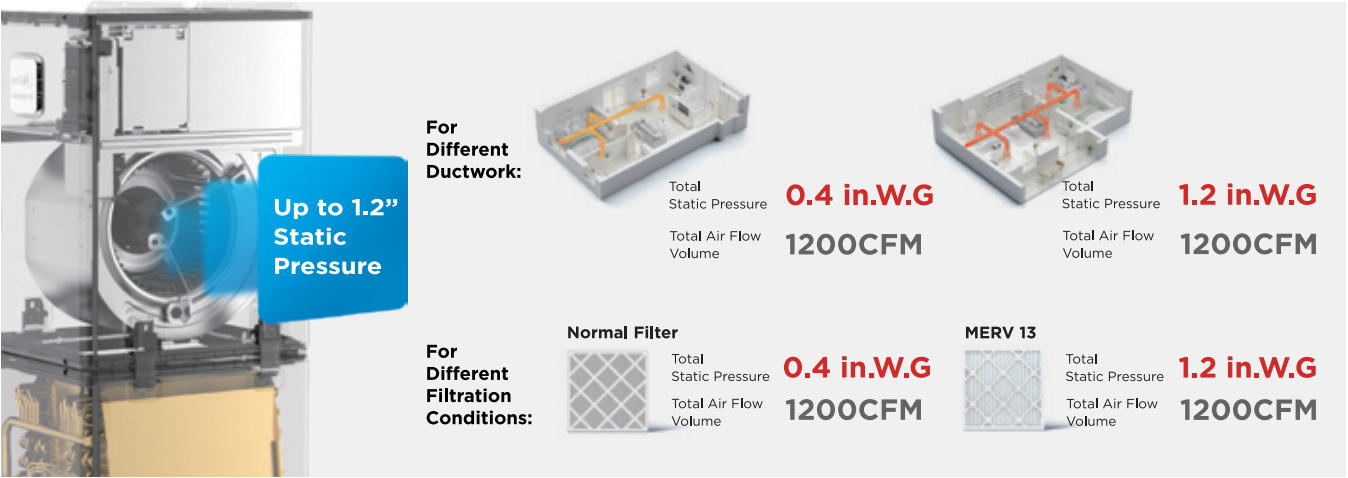
Single-fan Units for All Capacity



Compatible with 485 or 24V Flexible Mix & Match with Third-Party Units



Computational Constant Airflow 2.0 Adapts to Different Ductwork



Other New Features of R454B Series



OTA Upgrade
Remote system upgrades for latest software updates



Icheck
Automatic diagnosis of the system issues



Demand Response
Public Electricity Loading Management



Enlarged Operation Space & Added Diagnostic Board for ODUs



Separate 24V & s1/s2 terminals



A2L Disperse System

iNNOVA Gen2

Easy Upgrades for All Building Types



For Single Family Homes



Standard Air Handler

For Dual Fuel Applications

Compatible with the Existing Gas Furnace Systems



A-Coil

For Multi- Family Homes



Standard Air Handler

A

1.5 -2 tons: 21"×17-1/2"×45"

B

2.5 -3 tons: 21"×21"×49"

C

4 -5 tons: 21"×24-1/2"×53"

A-Coil

A

1.5-2 tons: 14-1/2"×21"×18"
2.5-3tons: 14-1/2"×21"×23-1/2"

B

1.5-2 tons: 17-1/2"×21"×18"
2.5-3 tons: 17-1/2"×21"×23-1/2"

C

2.5-3tons: 21"×21"×23-1/2"
4-5 tons: 21"×21"×27-1/2"

D

4-5 tons: 24-1/2"×21"×28"

Wall-Mounted Air Handler

A

1.5 -2 tons: 20-1/4"×15-3/4"×36-1/2"

B

2.5 -3 tons: 22"×19"×40"

Ceiling-Mounted Air Handler

A

1.5 tons: 43-1/4"×10-7/8"×23-1/4"

B

2 tons: 49-1/8"×10-7/8"×23-1/4"

C

2.5 tons: 55-1/4"×10-7/8"×23-1/4"

D

3 tons: 62-1/8"×10-7/8"×23-1/4"

INNOVA 2nd Gen AHU

Up to 18.8 SEER2



Model	Indoor Unit		AUH2-18N2-BM3E	AUH2-24N2-BM3E	AUH2-30N2-CM3E	AUH2-36N2-CM3E	AUH2-48N2-DM3E	AUH2-60N2-DM3E
	Outdoor Unit		AUO18-18N2-M3	AUO18-24N2-M3	AUO18-30N2-M3	AUO18-36N2-M3	AUO18-48N2-M3	AUO18-60N2-M3
Performance								
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	24,000	30,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	18,000	26,000	31,000	36,000	48,000	54,000
	SEER2	Btu/W	18.8	18.1	17.0	16.1	16.0	15.2
	EER2	Btu/W	11.0	11.0	10.7	10.0	10.0	8.6
	HSPF4	Btu/W	9	10	9	9	9	8
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,200	21,600	19,100	27,000	38,000	38,000
	COP	W/W	2.0	1.9	2.0	2.0	1.9	1.8
Indoor unit								
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989 /895/806/712/712	1189/1083/971/865/865	1601/1472/1283/1095/1095	1807/1583/1360/1136/1136
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	44/43/41/33/33	44/44/42/28/28	46/46/42/29/29	48/48/45/28/28	53/53/50/44/44	56/52/49/35/35
Net Dimension	WxDxH	mm	534×445×1143	534×445×1143	534×534×1245	534×534×1245	534×622×1346	534×622×1346
	WxDxH	inch	21×17-1/2×45	21×17-1/2×45	21×21×49	21×21×49	21×24-1/2×53	21×24-1/2×53
Packing Dimension	WxDxH	mm	675×530×1235	675×530×1235	675×620×1335	675×620×1335	710×680×1435	710×680×1435
	WxDxH	inch	26-5/8×20-7/8×48-5/8	26-5/8×20-7/8×48-5/8	26-5/8×24-3/8×52-1/2	26-5/8×24-3/8×52-1/2	28×26-3/4×56-1/2	28×26-3/4×56-1/2
Net/Gross Weight		kg	48/57.5	47.9/57.8	58.5/69.6	58.7/69.8	73.9/86.6	73.9/86.6
		lbs	106/127	106/127	129/153	129/154	163/191	163/191

INNOVA 2nd Gen AHU Mega Heat

Up to 19 SEER2



Model	Indoor Unit		AUH2-18N2-BM3E	AUH2-24N2-BM3E	AUH2-30N2-CM3E	AUH2-36N2-CM3E	AUH2-48N2-DM3E	AUH2-60N2-DM3E
	Outdoor Unit		AUO19-18N2-M3H	AUO19-24N2-M3H	AUO19-30N2-M3H	AUO19-36N2-M3H-S	AUO19-48N2-M3H	AUO19-60N2-M3H
Performance								
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	23,000	30,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	19,000	24,000	34,000	37,000	50,000	56,000
	SEER2	Btu/W	19	18.3	16.8	17.4	16.5	16
	EER2	Btu/W	12.5	11.7	11.7	11.7	10.5	10
	HSPF4	Btu/W	9.7	10	10	10.2	9.5	9
	Rated capacity	Btu/h	18,000	21,600	32,600	39,000	46,000	52,000
Heating at 5°F (-15°C)	COP	W/W	2	1.87	1.96	1.9	1.9	1.8
Indoor unit								
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989 /895/806/712/712	1189/1083/971/865/865	1601/1472/1283/1095/1095	1807/1583/1360/1136/1136
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	41/41/39/33/33	44/44/42/28/28	47/46/43/27/27	49/48/46/26/26	52/52/50/34/34	55/52/50/35/35
Net Dimension	WxDxH	mm	534×445×1143	534×445×1143	534×534×1245	534×534×1245	534×622×1346	534×622×1346
	WxDxH	inch	21×17-1/2×45	21×17-1/2×45	21×21×49	21×21×49	21×24-1/2 × 53	21×24-1/2 × 53
Packing Dimension	WxDxH	mm	675×530×1235	675×530×1235	675×620×1335	675×620×1335	710×680×1435	710×680×1435
	WxDxH	inch	26-5/8×20-7/8×48-5/8	26-5/8×20-7/8×48-5/8	26-5/8×24-3/8×52-1/2	26-5/8×24-3/8×52-1/2	28×26-3/4×56-1/2	28×26-3/4×56-1/2
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	58.6/70.6	59.2/70.9
		lbs	106/129	106/127	129/156	129/156	129/156	131/156

INNOVA A Coil



Model	Indoor Unit		AUA-24N2-A18	AUA-24N2-B18	AUA-24N2-A18	AUA-24N2-B18	AUA-36N2-A24	AUA-36N2-B24	AUA-36N2-C24
	Outdoor Unit		AUO18-18N2-M3	AUO18-18N2-M3	AUO18-24N2-M3	AUO18-24N2-M3	AUO18-30N2-M3	AUO18-30N2-M3	AUO18-30N2-M3
Performance									
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 Capacity	Btu/h	18,000	18,000	24,000	24,000	28,000	30,000	30,000
	Heating Capacity	Btu/h	18,000	18,000	25,000	25,000	28,000	30,000	30,000
	SEER2	Btu/W	16	16	16	16	14.3	14.3	14.3
	EER2	Btu/W	10	10	10	10	8.5	8.5	8.5
	HSPF4	Btu/W	8.5	8.5	8.5	8.5	7.5	7.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,000	11,000	20,000	20,000	15,000	17,000	17,000
	COP	W/W	1.8	1.8	1.8	1.8	1.7	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×457	445×534×457	368×534×457	445×534×457	368×534×599	445×534×599	534×534×609
	WxDxH	inch	14-1/2×21×18	17-1/2×21×18	14-1/2×21×18	17-1/2×21×18	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2
Packing Dimension	WxDxH	mm	450×665×525	520×665×515	450×665×525	520×665×515	450×665×660	520×665×645	610×665×670
	WxDxH	inch	17-3/4×26-1/8×20-5/8	17-5/8×26-1/8×20-1/4	17-3/4×26-1/8×20-5/8	17-5/8×26-1/8×20-1/4	17-3/4×26-1/8×26-1/8	17-5/8×26-1/8×25-3/8	20×26-1/8×26-3/8
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	18.9/21.1	19.4/23.6	30.2/35	27.3/31.3	27.3/31.3
		lbs	43/52	42/47	42/47	43/52	67/77	60/69	60/69

Model	Indoor Unit		AUA-36N2-A24	AUA-36N2-B24	AUA-36N2-C24	AUM-60N2-C28	AUA-60N2-D28	AUM-60N2-C28	AUA-60N2-D28
	Outdoor Unit		AUO18-36N2-M3	AUO18-36N2-M3	AUO18-36N2-M3	AUO18-48N2-M3	AUO18-48N2-M3	AUO18-60N2-M3	AUO18-60N2-M3
Performance									
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 Capacity	Btu/h	32,000	35,000	35,000	45,000	45,000	50,000	49,000
	Heating Capacity	Btu/h	32,000	36,000	36,000	45,000	45,000	50,000	49,000
	SEER2	Btu/W	14.3	14.3	14.3	14.5	14.3	14.3	14.3
	EER2	Btu/W	8.5	8	8	8	8	8.5	8.5
	HSPF4	Btu/W	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	22,000	25,000	25,000	32,000	30,000	34,000	34,000
	COP	W/W	1.65	1.75	1.75	1.75	1.75	1.75	1.75
Indoor unit									
Net Dimension	WxDxH	mm	368×534×599	445×534×599	534×534×609	533 x 534 x 709	622×534×711	533 x 534 x 709	622×534×711
	WxDxH	inch	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2	21 x 21 x 27-1/2	24-1/2×21×28	21 x 21 x 27-1/2	24-1/2×21×28
Packing Dimension	WxDxH	mm	450×665×660	520×665×645	610×665×670	610 x 665 x 775	705×665×770	610 x 665 x 775	705×665×770
	WxDxH	inch	17-3/4×26-1/8×26-1/8	17-5/8×26-1/8×25-3/8	20×26-1/8×26-3/8	24 x 26 x 30-1/2	27-3/4×26-1/8×30-1/4	24 x 26 x 30-1/2	27-3/4×26-1/8×30-1/4
Net/Gross Weight		kg	30.2/35	27.3/31.3	27.3/31.3	30.2/35	39.3/44.6	30.2/35	39.3/44.6
		lbs	67/77	60/69	60/69	67/77	87/98	67/77	87/98

INNOVA A Coil Mega Heat



Model		Indoor Unit	AUA-24N2-A18	AUA-24N2-B18	AUA-24N2-A18	AUA-24N2-B18	AUA-36N2-A24	AUA-36N2-B24	AUA-36N2-C24
		Outdoor Unit	AUO19-18N2-M3H	AUO19-18N2-M3H	AUO19-24N2-M3H	AUO19-24N2-M3H	AUO19-30N2-M3H	AUO19-30N2-M3H	AUO19-30N2-M3H
Performance									
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 Capacity	Btu/h	18,000	18,000	24,000	24,000	30,000	30,000	30,000
	Heating Capacity	Btu/h	19,000	19,000	25,000	25,000	30,000	30,000	30,000
	SEER2	Btu/W	16.0	16.0	16.5	16.5	14.3	15.2	15.2
	EER2	Btu/W	11.7	11.7	10	10	8.5	10	10
	HSPF4	Btu/W	8.5	8.5	8.5	8.5	7.5	8.5	8.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	15,000	20,000	20,000	20,000	25,000	27,000	27,000
	COP	W/W	1.8	1.8	1.8	1.8	1.75	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×457	445×534×457	368×534×457	445×534×457	368×534×599	445×534×599	534×534×609
	WxDxH	inch	14-1/2×21×18	17-1/2×21×18	14-1/2×21×18	17-1/2×21×18	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2
Packing Dimension	WxDxH	mm	450×665×525	520×665×515	450×665×525	520×665×515	450×665×660	520×665×645	610×665×670
	WxDxH	inch	17-3/4×26-1/8×20-5/8	17-5/8×26-1/8×20-1/4	17-3/4×26-1/8×20-5/8	17-5/8×26-1/8×20-1/4	17-3/4×26-1/8×26-1/8	17-5/8×26-1/8×25-3/8	20×26-1/8×26-3/8
Net/Gross Weight		kg	19.4/23.6	18.9/21.1	18.9/21.1	19.4/23.6	30.2/35	27.3/31.3	27.3/31.3
		lbs	43/52	42/47	42/47	43/52	67/77	60/69	60/69

Model		Indoor Unit	AUA-36N2-A24	AUA-36N2-B24	AUA-36N2-C24	AUM-60N2-C28	AUA-60N2-D28	AUM-60N2-C28	AUA-60N2-D28
		Outdoor Unit	AUO19-36N2-M3H-S	AUO19-36N2-M3H-S	AUO19-36N2-M3H-S	AUO19-48N2-M3H	AUO19-48N2-M3H	AUO19-60N2-M3H	AUO19-60N2-M3H
Performance									
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 Capacity	Btu/h	32,000	36,000	36,000	45,000	45,000	52,000	54,000
	Heating Capacity	Btu/h	33,000	38,000	38,000	48,000	48,000	55,000	54,000
	SEER2	Btu/W	14.3	15.2	15.2	15.2	14.3	15.2	14.3
	EER2	Btu/W	8.5	10	10	10	8.6	10	8.6
	HSPF4	Btu/W	7.5	8.5	8.5	8.5	7.5	8.5	7.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	27,000	36,000	36,000	42,000	42,000	45,000	42,000
	COP	W/W	1.8	1.8	1.8	1.8	1.8	1.8	1.8
Indoor unit									
Net Dimension	WxDxH	mm	368×534×599	445×534×599	534×534×609	533 x 534 x 709	622×534×711	533 x 534 x 709	622×534×711
	WxDxH	inch	14-1/2×21×23-1/2	17-1/2×21×23-1/2	21×21×23-1/2	21 x 21 x 27-1/2	24-1/2×21×28	21 x 21 x 27-1/2	24-1/2×21×28
Packing Dimension	WxDxH	mm	450×665×660	520×665×645	610×665×670	610 x 665 x 775	705×665×770	610 x 665 x 775	705×665×770
	WxDxH	inch	17-3/4×26-1/8×26-1/8	17-5/8×26-1/8×25-3/8	20×26-1/8×26-3/8	24 x 26 x 30-1/2	27-3/4×26-1/8×30-1/4	24 x 26 x 30-1/2	27-3/4×26-1/8×30-1/4
Net/Gross Weight		kg	30.2/35	27.3/31.3	27.3/31.3	30.2/35	39.3/44.6	30.2/35	39.3/44.6
		lbs	67/77	60/69	60/69	67/77	87/98	67/77	87/98

INNOVA Wall mounted AHU

Up to 18.6 SEER2



Model	Indoor Unit		AUE-18N2-MM3E	AUE-24N2-MM3E	AUE-30N2-LM3E	AUE-36N2-LM3E
	Outdoor Unit		AUO18-18N2-M3	AUO18-24N2-M3	AUO18-30N2-M3	AUO18-36N2-M3
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	24,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	25,000	31,000	37,000
	SEER2	Btu/W	18.5	17.4	18.6	16.7
	EER2	Btu/W	11.5	10.8	11	10.2
	HSPF4	Btu/W	9.4	10.4	8.7	9.3
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,400	19,400	18,700	29,200
	COP	W/W	2.1	1.96	1.99	1.99
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	48/47/45/39/39	53/51/48/38/38	51/50/48/36/36	51/51/48/37 /37
Net Dimension	WxDxH	mm	515×399×928	515×399×928	559×483×1017	559×483×1017
	WxDxH	inch	20-1/4×15-3/4×36-1/2	20-1/4×15-3/4×36-1/2	22×19×40	22×19×40
Packing Dimension	WxDxH	mm	580×495×1090	580×495×1090	625×580×1193	625×580×1193
	WxDxH	inch	22-7/8×19-1/2×42-7/8	22-7/8×19-1/2×42-7/8	24-5/8×22-7/8×47	24-5/8×22-7/8×47
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

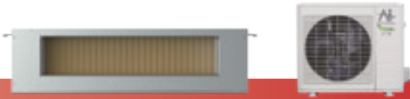
INNOVA Wall mounted AHU Mega Heat

Up to 19.3 SEER2



Model	Indoor Unit		AUE-18N2-MM3E	AUE-24N2-MM3E	AUE-30N2-LM3E	AUE-36N2-LM3E
	Outdoor Unit		AUO19-18N2-M3H	AUO19-24N2-M3H	AUO19-30N2-M3H	AUO19-36N2-M3H-S
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	22,000	30,000	36,000
	Heating Capacity	Btu/h	19,000	24,000	31,000	37,000
	SEER2	Btu/W	19.3	17.5	17.5	16.8
	EER2	Btu/W	12.1	11.7	11.7	11.2
	HSPF4	Btu/W	10.8	10.5	10.2	9.6
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18,000	19,000	29,000	36,000
	COP	W/W	2.1	1.96	2.00	1.8
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1189/1083/971/865/865
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	48/47/45/39/39	53/51/48/38/38	51/50/48/36/36	51/51/48/37 /37
Net Dimension	WxDxH	mm	515×399×928	515×399×928	559×483×1017	559×483×1017
	WxDxH	inch	20-1/4×15-3/4×36-1/2	20-1/4×15-3/4×36-1/2	22×19×40	22×19×40
Packing Dimension	WxDxH	mm	580×495×1090	580×495×1090	625×580×1193	625×580×1193
	WxDxH	inch	22-7/8×19-1/2×42-7/8	22-7/8×19-1/2×42-7/8	24-5/8×22-7/8×47	24-5/8×22-7/8×47
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

INNOVA Pancake
Up to 18 SEER2



Model	Indoor Unit		AUP-18N2-HM3	AUP-24N2-IM3	AUP-30N2-JM3	AUP-36N2-KM3
	Outdoor Unit		AUO18-18N2-M3	AUO18-24N2-M3	AUO18-30N2-M3	AUO18-36N2-M3
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	24,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	24,000	30,000	36,000
	SEER2	Btu/W	16.5	18.0	16.4	15.8
	EER2	Btu/W	11.0	11.0	9.6	9.4
	HSPF4	Btu/W	8.6	8.5	7.8	8.1
Heating at 5°F (-15°C)	Rated capacity	Btu/h	11,000	21,600	19,100	25,500
	COP	W/W	1.80	1.80	1.94	1.92
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	54/50/46	55/52/46	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098×593×278	1248×593×278	1403×593×278	1578×593×278
	WxDxH	inch	43-1/2×23-3/8×10-7/8	49-1/8×23-3/8×10-7/8	55-1/4×23-3/8×10-7/8	62-1/8×23-3/8×10-7/8
Packing Dimension	WxDxH	mm	1200×680×345	1350×680×345	1505×680×345	1680×680×345
	WxDxH	inch	47-1/4×26-3/4×13-5/8	53-1/8×26-3/4×13-5/8	59-1/4×26-3/4×13-5/8	66-1/8×26-3/4×13-5/8
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

INNOVA Pancake Mega Heat
Up to 18 SEER2



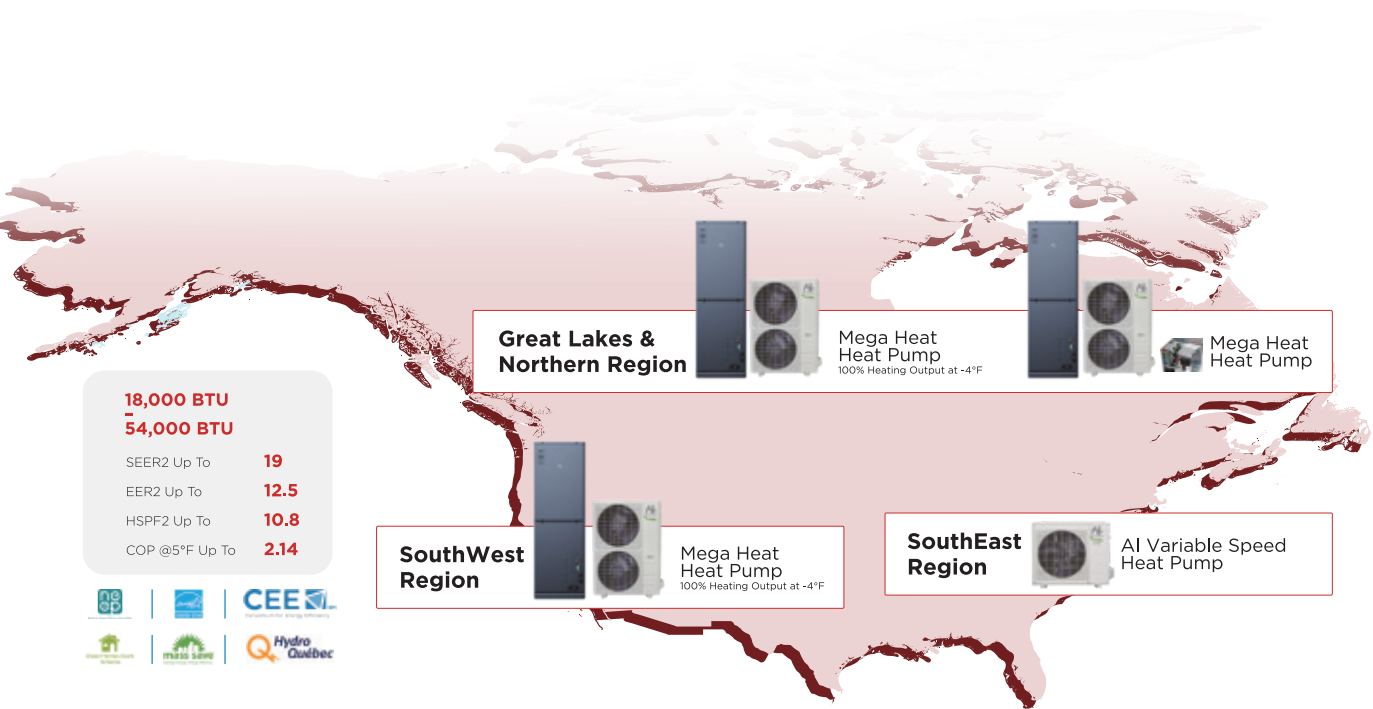
Model	Indoor Unit		AUP-18N2-HM3	AUP-24N2-IM3	AUP-30N2-JM3	AUP-36N2-KM3
	Outdoor Unit		AUO19-18N2-M3H	AUO19-24N2-M3H	AUO19-30N2-M3H	AUO19-36N2-M3H-S
Performance						
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	V, Ph, Hz	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
SEER2 (AHRI 210/240 - 2023)	Cooling Capacity	Btu/h	18,000	23,000	30,000	36,000
	Heating Capacity	Btu/h	18,000	20,600	32,600	36,000
	SEER2	Btu/W	16.8	18.0	16.8	16.8
	EER2	Btu/W	12.0	11.7	11.7	11.0
	HSPF4	Btu/W	9.7	8.5	10.0	9.5
Heating at 5°F (-15°C)	Rated capacity	Btu/h	18,000	24,000	34,000	37,000
	COP	W/W	1.80	1.80	1.96	1.90
Indoor unit						
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	600/564/529/488	823/758/694/629	988/894/805/541	1176/1000/794/617
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	54/50/46	55/52/46	58/56/47	60/56/53
Net Dimension	WxDxH	mm	1098×593×278	1248×593×278	1403×593×278	1578×593×278
	WxDxH	inch	43-1/2×23-3/8×10-7/8	49-1/8×23-3/8×10-7/8	55-1/4×23-3/8×10-7/8	62-1/8×23-3/8×10-7/8
Packing Dimension	WxDxH	mm	1200×680×345	1350×680×345	1505×680×345	1680×680×345
	WxDxH	inch	47-1/4×26-3/4×13-5/8	53-1/8×26-3/4×13-5/8	59-1/4×26-3/4×13-5/8	66-1/8×26-3/4×13-5/8
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

iNNOVA G3 Ultimate Easy Upgrade Solutions

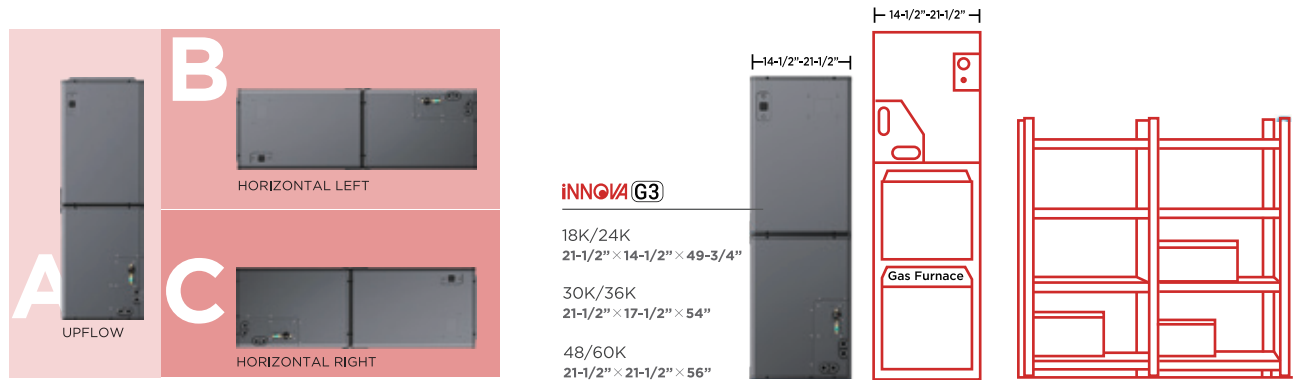
Full Product Line Exceeds ENERGY STAR Most Efficient Specifications

2025 CEE Split ASHP Specification	CEE Level	SEER2	EER2	HSPF2	COP at 5°F*	Capacity Ratio*
	CEE Tier 1					
	Path A	≥16.0	≥9.8	≥8.5	≥1.75	≥60% at 5°F/47°F
	Path B	≥16.0	≥11.0	≥8.0	≥1.75	≥45% at 5°F/47°F

2026 CEE Split ASHP Specification	CEE Level	SEER2	EER2	HSPF2	COP at 5°F*	Capacity Ratio*	Load Management†
	CEE Tier 1						
	Path A	≥16.0	≥9.8	≥8.5	≥1.75	≥60% at 5°F/47°F	AHRI 1380
	Path B	≥16.0	≥11.0	≥8.0	≥1.75	≥45% at 5°F/47°F	AHRI 1380



Multi Ways Installation & Slimmer Design Fit Various Spaces



Dual control of Humidity & Temperature

Wireless Communication

INNOVA 3rd Gen AHU Mega Heat

Up to 19 SEER2



Model	Indoor Unit		AUH3-18N2-AM3E	AUH3-24N2-AM3E	AUH3-30N2-BM3E	AUH3-36N2-BM3E	AUH3-36N2-BM3E	AUH3-36N2-BM3E	AUH3-48N2-CM3E
	Outdoor Unit		AUO19-18N2-M3H	AUO19-24N2-M3H	AUO19-30N2-M3H	AUO19-36N2-M3H	AUO19-36N2-M3H-S	AUO19-36N2-M3H-S	AUO19-48N2-M3H
Performance									
Power Supply	IDU	V, Ph, Hz	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60	115/208/230, 1, 60
	ODU	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 Capacity	Btu/h	18,000	24,000	30,000	36,000	36,000	48,000	54,000
	Heating Capacity	Btu/h	18,000	24,000	33,000	36,000	37,000	48,000	55,000
	SEER2	Btu/W	19	18.6	17.2	17.7	18.0	17.5	17.5
	EER2	Btu/W	12.5	12	12.0	12.0	12.0	12	12
	HSPF4	Btu/W	10.1	10	10.8	10.0	10.0	9.5	9.5
	Rated capacity	Btu/h	18,600	20,600	33,200	32,600	37,400	48,000	54,000
Heating at 5°F (-15°C)	COP	W/W	2.12	2.14	1.97	2.06	1.9	2	1.9
Indoor unit									
Air Flow Volume	Turbo/Hi/Mi/Lo/Si	CFM	618/577/530/489/489	824/759/695/630/630	989/895/806/712/712	1236/1148/1060/971/971	1236/1148/1060/971/971	1601/1442/1266/1089/1089	1801/1648/1501/1236/1236
Noise Level	Turbo/Hi/Mi/Lo/Si	dB(A)	43/ 43/41/37/37	48/48/44/33/33	49/47/46/32/32	50/50/48/32/32	48/47/45/33/33	53/53/50/34/34	60/57/55/37/37
Net Dimension	WxDxH	mm	546×368×1263	546×368×1263	546×445×1371	546×445×1371	546×445×1371	546×546×1421	546×546×1421
	WxDxH	inch	21-1/2×14-1/2×49-3/4	21-1/2×14-1/2×49-3/4	21-1/2×17-1/2×54	21-1/2×17-1/2×54	21-1/2×17-1/2×54	21-1/2×21-1/2×56	21-1/2×21-1/2×56
Packing Dimension	WxDxH	mm	1345×445×790	1345×445×790	1450×520×790	1450×520×790	1450×520×790	1520×635×790	1520×635×790
	WxDxH	inch	53×17-1/2×31-1/8	53×17-1/2×31-1/8	57-1/8×20-1/2×31-1/8	57-1/8×20-1/2×31-1/8	57-1/8×20-1/2×31-1/8	59-7/8×25×31-1/8	59-7/8×25×31-1/8
Net/Gross Weight		kg	55.8/70.2	55.8/70.2	67.7/82.6	67.7/82.6	67.7/82.6	84.6/105.3	85.3/108.1
		lbs	123/155	123/155	149/182	149/182	149/182	187/232	188/238



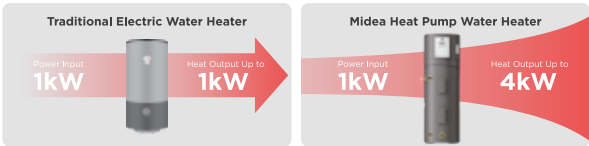
Heat Pump Water Heater

A New Way to Heat Your Water

Transfer Heat from Air

Using renewable energy from the air to heat water, reducing our carbon footprint and harmonizing with nature.

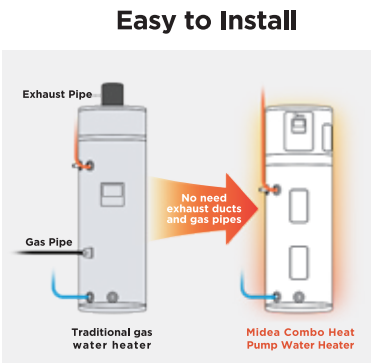
Save up to **75%* energy** than conventional electric water heaters



Top-Tier Energy Efficiency Eligible For Rebate Programs



Easy Installation & Enhanced Comfort

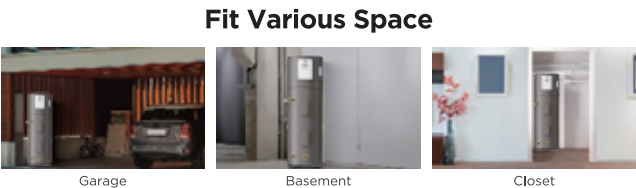


Easy to Install

Easy to Enjoy

Up to **91 gallons** first hour rating

50dBA Inverter fan supports quiet operation



Heat Pump Water Heater

This specification sheet is based on the ductless version of the appliance.



For USA				
Description	Model Number	AUHW-50N3MA	AUHW-65N3MA	AUHW-80N3MA
	Normal Gallon Capacity	50	65	80
	Rated Gallon Capacity	47	61	75
	Voltage	208V/240V, 60Hz, 1Ph		
	Water Outlet Temperature Range	109°F-149°F (43°C-65°C)		
Energy Info	Uniform Energy Factor (UEF)	3.75	3.90	4.00
	First Hour Rating (FHR)	69	80	91
	Element Wattage	Upper	4500W(240V)	
		Lower	4500W(240V)	
	Compressor capacity	1500W		
	Total Unit Wattage (input)	5500W		
	Cold Climate Efficiency(CCE)	3		
	Recovery In G.P.H. 90° F Rise	27.5		
	Heat pump ambient operating range	37°F-109°F (3°C-43°C)		
	Heating element ambient operating range	5°F-115°F(-15°C-46°C)		
Features	LED Screen	√		
	WiFi-Ready	x		
	Built-in CTA-2045 Port	√		
	Leak Detection	Optional		
	8" inlet&outlet air duct connection	Optional		
	Opration Modes	5		
	TP Valve installed	√		
	Min. Circuit Amps	23.6A(208V)/26.8A(240V)		
	Electric Breaker Size	25A(208V)/30A(240V)		
	Replaceable Filter	√		
	Installation Clearnace (Back)	0"		
	Installation Clearnace (side)	6"		
	Installation Clearnace (top)	20"		
Dry Fire Protection	√			
Dimensions	Body Height	66 4/5 inch	65 6/7 inch	74 3/5 inch
	Body Diameter	21 9/10 inch	25 7/10 inch	25 7/10 inch
	Body Weight	218.26 lb	271.39 lb	293.22 lb
	Ship Length	28 7/10 inch×27 3/5 inch	30 1/10 inch×28 9/10 inch	30 3/10 inch×29 1/10 inch
	Ship Height	75 1/5 inch	75 3/5 inch	83 2/5 inch
	Ship Weight	264.56 lb	334 2/9 lb	357.15 lb
	Water Connection Size	Inlet	3/4inch	
		Outlet	3/4inch	
	Drainage Hose	3/4inch		
Certifications	UL 60335-1 & UL 60335-2-40	√		
	UL 174	√		
	AHRI	√		
	NEEA	Tier 4		
	NSF/ANSI 372	√		
	Energy Star	√		
Sound	NEEA test protocol	49.5dB(A)		

For Canada					
Description	Model Number		ACHW-50N3MA	ACHW-65N3MA	ACHW-80N3MA
	Normal Gallon Capacity		45	61	74
	Rated Gallon Capacity		47	61	75
	Voltage		208V/240V, 60Hz, 1Ph		
	Water Outlet Temperature Range		109°F-149°F (43°C-65°C)		
Energy Info	Uniform Energy Factor (UEF)		3.75	3.90	4.00
	First Hour Rating (FHR)		69	80	91
	Element Wattage	Upper	4500W(240V)		
		Lower	4500W(240V)		
	Compressor capacity		1500W		
	Total Unit Wattage (input)		5500W		
	Cold Climate Efficiency(CCE)		3		
	Recovery In G.P.H. 90° F Rise		27.5		
	Heat pump ambient operating range		37°F-109°F (3°C-43°C)		
	Heating element ambient operating range		5°F-115°F(-15°C-46°C)		
Features	LED Screen		√		
	WiFi-Ready		x		
	Built-in CTA-2045 Port		√		
	Leak Detection		Optional		
	8" inlet&outlet air duct connection		Optional		
	Opration Modes		5		
	TP Valve installed		√		
	Min. Circuit Amps		23.6A(208V)/26.8A(240V)		
	Electric Breaker Size		25A(208V)/30A(240V)		
	Replaceable Filter		√		
	Installation Clearnace (Back)		0"		
	Installation Clearnace (side)		6"		
	Installation Clearnace (top)		20"		
	Dry Fire Protection		√		
Dimensions	Body Height		66 4/5 inch	65 6/7 inch	74 3/5 inch
	Body Diameter		21 9/10 inch	25 7/10 inch	25 7/10 inch
	Body Weight		218.26 lb	271.39 lb	293.22 lb
	Ship Length		28 7/10 inch×27 3/5 inch	30 1/10 inch×28 9/10 inch	30 3/10 inch×29 1/10 inch
	Ship Height		75 1/5 inch	75 3/5 inch	83 2/5 inch
	Ship Weight		264.56 lb	334 2/9 lb	357.15 lb
	Water Connection Size	Inlet	3/4inch		
		Outlet	3/4inch		
	Drainage Hose		3/4inch		
Certifications	UL 60335-1 & UL 60335-2-40		√		
	UL 174		√		
	AHRI		√		
	NEEA		Tier 4		
	NSF/ANSI 372		√		
	Energy Star		√		
Sound	NEEA test protocol		49.5dB(A)		

Two-Way Communication Wired Controller



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	•
	Turbo	•
Extended Functions	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	•



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	•	•	•
Basic function	Buzzer		•	•
	Touch Button	•	•	•
	0.5°C 1F Temp Display	•	•	•
	Power-on light	•	•	•
	ON/OFF	•	•	•
Extended Functions	Mode	•	•	•
	Temp Adjustment	•	•	•
	Fan speed	•	•	•
	Stepless speed	•	•	•
	Turbo	•	•	•
Extended Functions	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	•	•	•

Next-Gen Communicating Thermostat

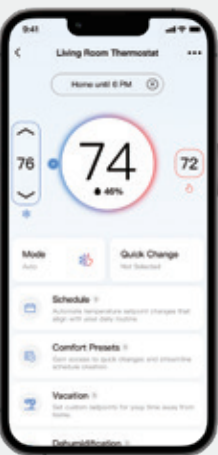


Core feature:

- 1. Better Compatibility**
Compatible with 485 or 24V HVAC systems
*Under development
- 2. Sleek Look**
4" touchscreen with user-friendly interface
- 3. Easy Installation**
Simple push-in wire terminals
- 4. Future Upgrade**
Over-the-air update technology (OTA) for future comfort enhancements

Smart Whole Home Comfort Management

It's smart whole home comfort management, so you can enjoy the ultimate worry free comfort experience



- Set your schedule**
Customize your specific comfort schedule
- Manage your comfort**
Enjoy your desired air flow, temperature and relative humidity at home
- Keep an eye on your electricity usage**
Take a look at your power consumption at any time
- Check your System's Health**
It's like a doctor's appointment for your HVAC

Intuitive Smart Integration

It's simple, one control does it all!

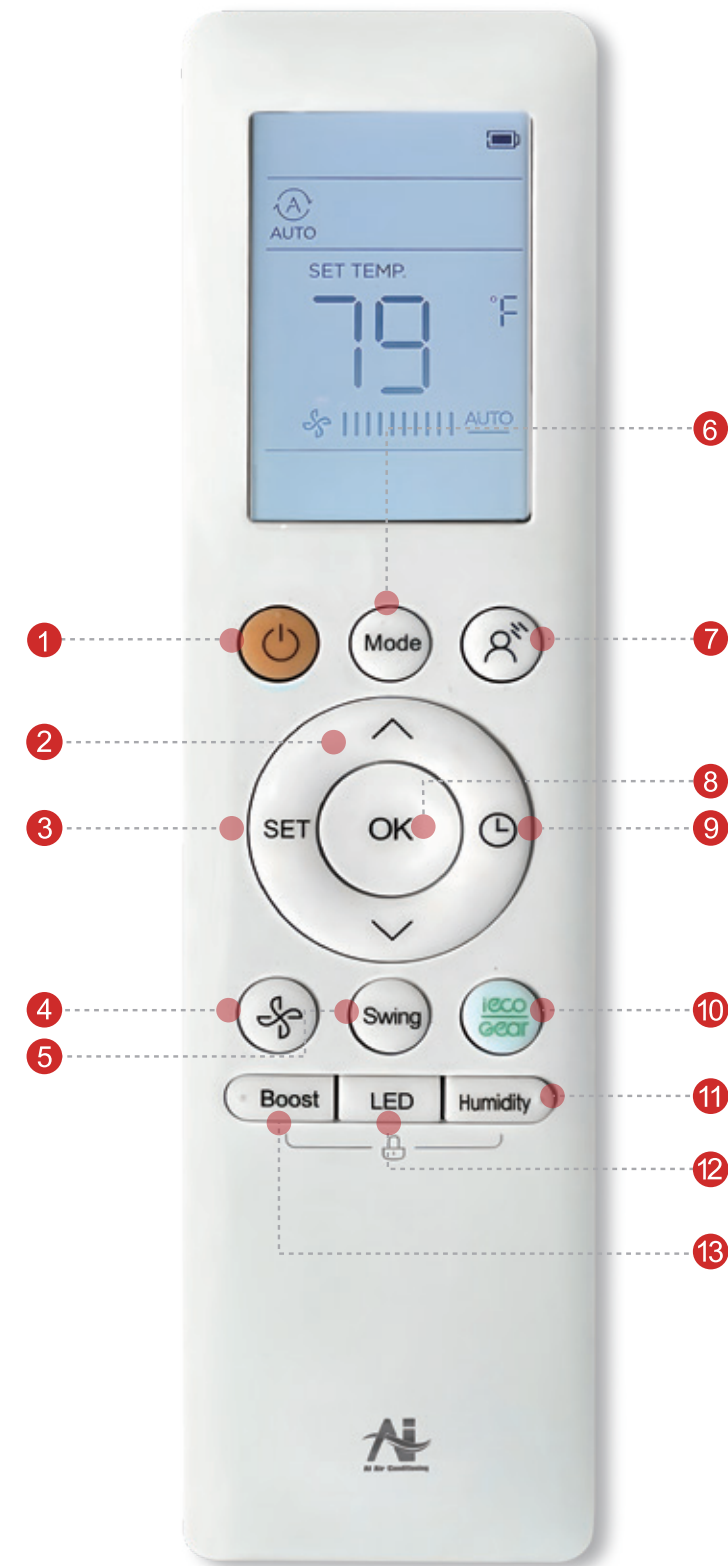


SmartHome
Smart Compatible



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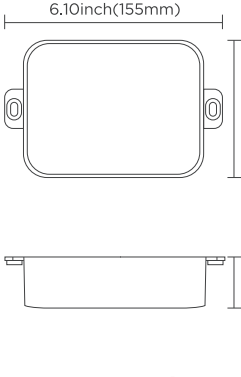
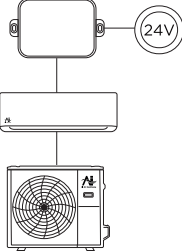
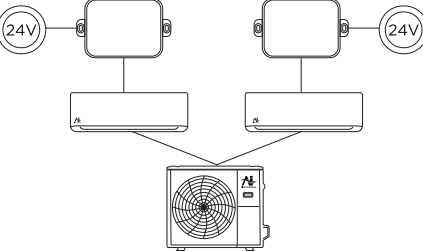
Remote Control



- 1 ON/OFF**
Turns the unit on or off
- 2 TEMP**
Temperature setting
- 3 SET**
Scrolls through operation Functions: Fresh/Sleep/Follow Me/AP mode
- 4 FAN SPEED**
Select fan speeds: AU/20%/40%/60%/80%/100%
- 5 SWING**
Starts and stops the horizontal louver movement
- 6 MODE**
Scrolls through operation modes: AUTO/COOL/DRY/HEAT/FAN
- 7 BREEZE AWAY**
Avoids direct air flow
- 8 OK**
Confirms the selected functions
- 9 TIMER**
Set timer to turn unit on or off
- 10 ECO/GEAR**
Scrolls through energy efficient modes: ECO/GEAR(75%)/GEAR(50%)
- 11 HUMIDITY**
Humidity setting
- 12 LED**
Turns LED display and air conditioner buzzer on and off
- 13 BOOST**
Reaches preset temperature in shortest possible time

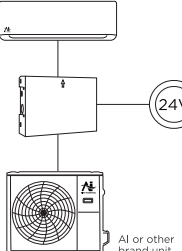
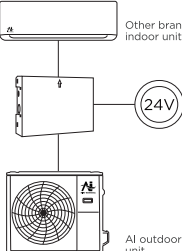
24V Mini-interface For Third-Party Thermostat

For AI Set System

   Compact Design The mini interface is incredibly compact, making it easy to install and saving installation space.	Core feature	Control the AI Ductless System using 24V thermostat Consumers can choose the type of thermostat they want to use without adversely affecting the efficiency or performance of their Ductless Systems. Auxiliary heat control through the dry contact or the 24V thermostat The 24V Mini-interface enables a combined heating mix with connection to auxiliary heat source like baseboard heaters. Maintain Inverter Compressor Technology The new 24V Interface keeps the Inverter compressor operating as a variable-speed system when using a third-party thermostat, making adjustments to maintain more consistent operation.
	Other feature	1. Diagnostic code display LEDs 2.Power supplied through the indoor unit 3.Only requires low voltage to connect to 24V thermostat
	Compatibility	Single Zone  Multi-Zone 

24V Full Function Interface For Third-Party Thermostat

For AI Outdoor Unit

 	Core feature	Connection to 24V thermostat/IDU AI 24V full function interface supports a seamless mix & match with other brand 24V indoor unit and 24V thermostat. Auxiliary heat control through the dry contact or the 24V thermostat The 24V Mini-interface enables a combined heating mix with connection to auxiliary heat source like baseboard heaters. Maintain Inverter Compressor Technology The new 24V Interface keeps the Inverter compressor operating as a variable-speed system when using a third-party thermostat, making adjustments to maintain more consistent operation.
	Other feature	1. Diagnostic code display LEDs 2.Power supplied through the outdoor unit
	Compatibility	Applied for both Single Zone and Multi-Zone appliances AI System  AI Unit+24V other brand Unit 

Icons Guide

Energy Saving ▶



ECO

AI new energy-saving AC apply innovative ECO Mode, by pressing this button, AC will run into a 8-hour saving mode which cuts 60% energy off against normal mode.



Intelligent Sensor Detector

With the build-in infrared sensor, the indoor unit detects human movement. The AC will turn off if you leave the room for 30 minutes and turn on when you come back, which helps saving energy.



Sleep Mode

The function enables the air conditioner to automatically increase cooling or decrease heating 1℃ per hour for the first 2 hours, then holds steady for the next 5 hours, after that it will switch off. This function maintains both energy saving and comfort at night.

Comfort ▶



Follow Me

Temperature sensor built in the remote controller will sense its surrounding temperature. So the unit can adjust room temperature more accurately to give you comfort.



3D Air Flow

Combines vertical and horizontal auto swing to ensure an even distribution of air throughout the room.



Fast Cool/Heat Function

Once start this function, the compressor will maximize running frequency, thus you can enjoy cooling and heating in seconds.



Turbo

This function gives you a boost in cooling and heating power for a period, and makes the room cool down or heat up rapidly.



Smart Dehumidifying

Automatically control room humidity in a comfortable range 45%-55% according to room temperature, inhibit bacteria growth.



Silent

Indoor fan will run at super breeze speed and indoor noise level can be extremely low when the unit enters silent mode operation.



1%-100% Indoor Fan Speeds

1%-100% indoor fan speeds, ensure more accurate control and bring more comfortable air flow.



Two-directional Airflow

In cooling mode, horizontal airflow does not blow cool air directly at the occupants in the room. In heating room, vertical airflow provides powerful floor level heating. Precise airflow control makes your room more comfortable.



Anti-cold Air Function

Indoor fan speed is regulated automatically from the lowest grade to the setting grade according to evaporator temperature when the unit just starts heating operation. This function can prevent cold air blowing out to avoid discomfort to the users.



Temperature Compensation

The temperature sensed by indoor unit is always different from the actual floor temperature due to different installation heights of indoor unit. This function can revise this temperature difference to make a more accurate temperature control.



8℃ Heating

In heating operation, the preset temperature of the air conditioner can be as low as 8℃, which keeps the room temperature steady at 8℃ and prevents the house from freezing when it is unoccupied for a long time in severe cold weather.



Auto Swing

Distributes cool/warm air to maximum area by moving horizontal flaps automatically.



360° Air Flow Panel

360° air outlet creates a soft and gentle air flow which circulates throughout the whole space and provides an even temperature distribution in the room.

Reliability ▶



Refrigerant Leakage Detect

Indoor unit will show error code "EC" and stop automatically when refrigerant leakage is detected. This function can better protect compressor being damaged by high temperature due to refrigerant leakage.



Self-diagnosis and Auto-protection

Once abnormal operation or parts failure happen, the unit will shut off automatically to protect the system. Meanwhile it will indicate protection or error code for fast service.



Emergency Using

When temperature sensor error happens, the air conditioner will display error code and stop immediately, while AI AC will display error and continue running in a proper status, to avoid the case that AC is in urgent need.



Low Ambient Cooling

With built-in low ambient kit or special designed PCB, outdoor fan speed can be changed automatically according to condensation temperature. The air conditioner can run cooling operation even when the outdoor ambient temperature down to -15℃.



Fire-proof Electric Box

Electrical control box adopts new design, which can meet higher fire safety requirement to prevent the internal fire due to electric spark accident.



Auxiliary Electric Heater

With a built-in auxiliary electric heater, the heating system will be more powerful.



Chassis Heating Belt

Heating belt is fitted on the base plate of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



Compressor Heating Belt

Heating belt is fitted on the compressor of outdoor unit to prevent defrosting water accumulated, which improves heat transfer efficiency.



Auto Defrosting

Prevent evaporator from freezing and maintain dehumidifying effect under low temperature environment.

Health ▶



High Density Filter

Compared with ordinary dust filter, the anti-dust effect of this high density filter can increase more than 50%, it can clean dust, pollen up to 80%.



Cold Catalyst Filter

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.



iclean

The unit will collect condensate water to get frosting and then raise the temperature up to 56℃ to deeply purify the evaporator and remove dust.



Fresh Air

Air outside can be lead into the room via a connection pipe, which keeps the indoor air fresh and healthy.

Icons Guide

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, AI digital display will shows 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.



Build-in Drain Pump

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



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.