

Multiple Rooms **Comfortably**

Multi Split type Air Conditioners

Multi Split provides comfort in a variety of situations from home to office and store.



Creation of Comfort



Fujitsu General creates high-quality and environmentally-friendly products that provide good comfort in accordance with our basic policy to a “create comfortable environment” by utilizing the air conditioning technology and creativity we have fostered over many years.



INVERTER

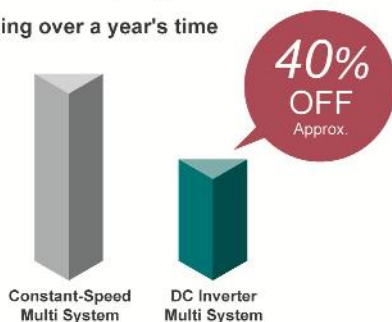
2 & 3-4 Rooms Multi Lineup

2 ROOMS	2 ROOMS	3 ROOMS	4 ROOMS
			
CLASS A ALL DC	CLASS A	CLASS A ALL DC	CLASS A
AOHA14LAC2 AOHA18LAC2 NEW	AOH24LMAM2	AOHA18LAT3 AOHA24LAT3	AOH30LMAW4

Energy saving

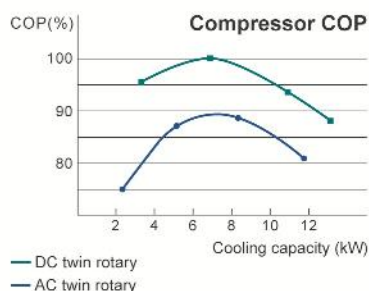
High Efficiency DC Inverter Multi system permits energy saving operation and 40% higher efficiency than a Constant-Speed Multi system. Improved Inverter cooling ratio prevents decrease in capacity under overload operation.

Energy saving over a year's time



DC twin rotary compressor (18~30)

Efficiency is improved over a wide range from high-speed rotation at high load up to the low-speed rotation region at low-load where long-term use is especially frequent, and high power is produced with little power consumption. Also, twin rotor provides low-vibration and quiet operation.



Flexible installation

Max.Piping Length (Each Unit):
20m (AOHA14LAC2 / 18LAC2 / AOH24LMAM2),
25m (AOHA18LAT3 / 24LAT3 / AOH30LMAW4)

Max.Height:
10m (AOH24LMAM2 / 30LMAW4),
15m (AOHA14LAC2 / 18LAC2 / AOHA18LAT3 / 24LAT3)

Total Piping Length:
30m (AOHA14LAC2 / 18LAC2 / AOH24LMAM2),
50m (AOHA18LAT3 / 24LAT3),
70m (AOH30LMAW4)

Select any type of air conditioners you like to suit the atmosphere of your room



Indoor unit features

	Up/Down	Double	Adjust	Restart	Auto Overheat	HEAT	Fresh	Fresh	Economy	Sleep	Program	W-S	Filter	Ion	AF	Coil Dry	Wash
ASHA07/09/12/14LB	●		●	●	●	●			●	●	●	○		●	●	●	●
ASHA07/09/12/14/18LA	●		●	●	●					●	●	●		●	●	●	●
ASH24LB		●	●	●	●					●	●	●		●	●	●	●
AGHF09/12/14LA	●		●	●	●	●			●	●	●	○		●	●	●	●
AUHF09LA/12LA/14LA/18LB	●		●	●	●		○	○	●	●	●	○	●	●	●	●	●
ABHF14/18/24LB		●	●	●	●		●	○	●	●	●	○	●		●		
ARHF09LA/09LB/12LA/12LB 14LA/18LB/22LA			●	●	●			○	●	○		●					

○: Optional function

Connectable Indoor unit lineup

							
Indoor unit	kW	AOHA14LAC2	AOHA18LAC2	AOH24LMAM2	AOHA18LAT3	AOHA24LAT3	AOH30LMAW4
 ASHA07/09/12/14LB	2.1	●	●				
	2.5	●	●				
	3.5	●	●				
	4.2		●				
 ASHA07/09/12/14/18LA	2.3			●	●	●	●
	2.7			●	●	●	●
	3.5			●	●	●	●
	4.2			●	●	●	●
	5.0			●		●	●
 ASH24LB	6.8						●
 AGHF09/12/14LA	2.7		●	●	●	●	●
	3.5		●	●	●	●	●
	4.2			●	●	●	●
 AUHF09LA/12LA/14LA/18LB	2.7		●	●	●	●	●
	3.5		●	●	●	●	●
	4.2			●	●	●	●
	5.2			●		●	●
 ABHF14LB/18LB/24LB	4.2			●	●	●	●
	5.2			●		●	●
	6.8						●
 ARHF09LA/09LB	2.7		● (ARHF09LB)	● (ARHF09LA)	● (ARHF09LA)	● (ARHF09LA)	● (ARHF09LA)
 ARHF12LA/12LB/14LA/ 18LB/22LA	3.5		● (ARHF12LB)	● (ARHF12LA)	● (ARHF12LA)	● (ARHF12LA)	● (ARHF12LA)
	4.2			●	●	●	●
	5.2			●		●	●
	6.3						●

2 & 3-4 Rooms Multi

Specifications

SPECIFICATIONS (WALL MOUNTED TYPE)

Model No.	Indoor unit		ASHA07LA	ASHA09LA	ASHA12LA	ASHA14LA	ASHA18LA	ASHA24LB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	H/M/L/Q dB(A)	35/32/27/21	38/33/28/22	39/34/28/23	45/38/33/26	45/38/34/28	47/41/36/32
Air Flow (High)			500	550	580	700	660	1020
Net Dimension H x W x D		mm	275x790x215	275x790x215	275x790x215	275x790x215	275x790x215	320x1120x220
Weight		kg(lbs)	9(20)	9(20)	9(20)	9(20)	9(20)	16(35)

SPECIFICATIONS (WALL MOUNTED TYPE)

Model No.	Indoor unit		ASHA07LB	ASHA09LB	ASHA12LB	ASHA14LB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	H/M/L/Q dB(A)	38/36/33/21	38/36/33/21	43/38/33/21	44/40/33/25
Air Flow (High)			620	620	750	800
Net Dimension H x W x D		mm	260x790x198	260x790x198	260x790x198	260x790x198
Weight		kg(lbs)	7.5(17)	7.5(17)	7.5(17)	7.5(17)

SPECIFICATIONS (FLOOR TYPE, FLOOR/CEILING UNIVERSAL TYPE)

Model No.	Indoor unit		AGHF09LA	AGHF12LA	AGHF14LA	ABHF14LB	ABHF18LB	ABHF24LB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	H/M/L/Q dB(A)	39/34/28/22	42/36/30/22	44/38/31/22	36/34/33/29 (Under ceiling) 39/37/36/32 (Floor console)	41/38/34/32 (Under ceiling) 44/41/37/35 (Floor console)	45/40/36/33 (Under ceiling) 48/43/39/36 (Floor console)
Air Flow (High)			530	600	650	640	780	880
Net Dimension H x W x D		mm	600x740x200	600x740x200	600x740x200	199x990x655	199x990x655	199x990x655
Weight		kg(lbs)	14(30.7)	14(30.7)	14(30.7)	27(60)	27(60)	27(60)

SPECIFICATIONS (COMPACT CASSETTE TYPE)

Model No.	Indoor unit		AUHF09LA	AUHF12LA	AUHF14LA	AUHF18LB
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	H/M/L/Q dB(A)	33/31/29/26	37/33/31/27	40/35/32/27	42/37/33/27
Air Flow (High)			540	610	680	750
Net Dimension H x W x D		mm	245x570x570	245x570x570	245x570x570	245x570x570
Weight		kg(lbs)	15(33.1)	15(33.1)	15(33.1)	15(33.1)
Panel	UTG-UFYB-W					

SPECIFICATIONS (COMPACT DUCT TYPE)

Model No.	Indoor unit		ARHF09LA/LB	ARHF12LA/LB	ARHF14LA	ARHF18LB	ARHF22LA
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	H/M/L/Q dB(A)	35/33/31/30	30/29/26/25	33/30/27/24	34/32/30/29	40/36/33/30
Air Flow (High)			480	630	820	850	1060
Net Dimension H x W x D		mm	217x663x595	217x953x595	217x953x595	217x953x595	217x953x595
Weight		kg(lbs)	18(40)	23(51)	23(51)	23(51)	23(51)

SPECIFICATIONS (2 ROOMS, 3 ROOMS, 4 ROOMS)

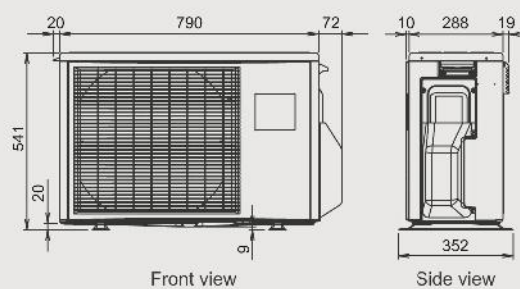
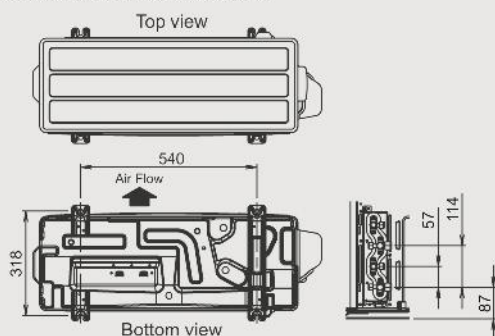
Model No.	Outdoor unit		AOHA14LAC2	AOHA18LAC2	AOH24LMAM2	AOHA18LAT3	AOHA24LAT3	AOH30LMAW4
Power Source		V/Ø/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Noise	Cooling	dB(A)	47	50	49	46	48	50
Net Dimension H x W x D		mm	540x790x298	540x790x298	650x830x320	700x900x330	700x900x330	830x900x330
Weight		kg(lbs)	37(82)	38(84)	56(123)	55(121)	55(121)	68(150)
Connection pipe	Piping Connections	Small (Liquid)	Ø6.35x2	Ø6.35x2	Ø6.35x2	Ø6.35x3	Ø6.35x3	Ø6.35x4 *(Ø6.35x3, Ø9.52)
		Large (Gas)	Ø9.52x2	Ø9.52x2 *(Ø9.52, Ø12.7)	Ø9.52, Ø12.7 *(Ø9.52, Ø9.52)	Ø9.52x2, Ø12.7 *(Ø9.52x3)	Ø9.52x2, Ø12.7 *(Ø9.52x3)	Ø9.52x2, Ø12.7x2 *(Ø9.52x3, Ø12.7) *(Ø9.52x2, Ø12.7, Ø15.88)
	Max. length	Total / Each	30 / 20	30 / 20	30 / 20	50 / 25	50 / 25	70 / 25
	Max. Height Difference	Between Outdoor Unit and Each Indoor Units. Between Indoor Units.	15 10	15 10	10 10	15 10	15 10	15 10
Operation Range	Cooling	°CDB	10~46	10~46	0~46	-10~46	-10~46	0~46
	Heating		-15~24	-15~24	-10~24	-15~24	-15~24	-10~24
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A

* Connect to connection valve by the adapter.

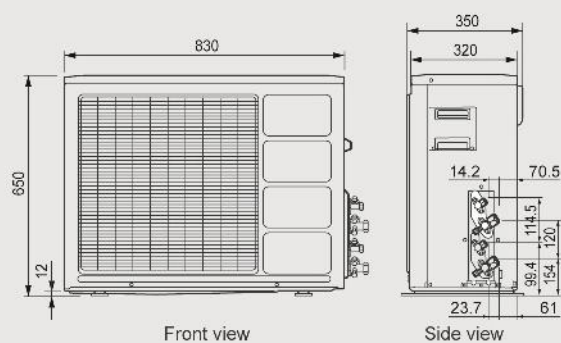
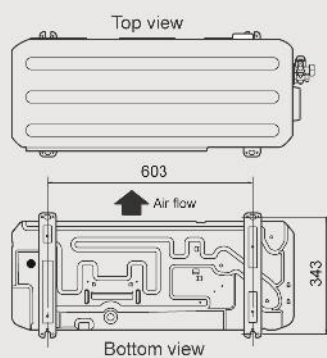
Dimensions

2 ROOMS

Model: AOHA14LAC2 / AOHA18LAC2

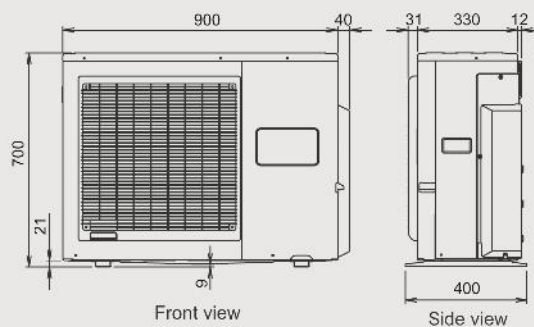
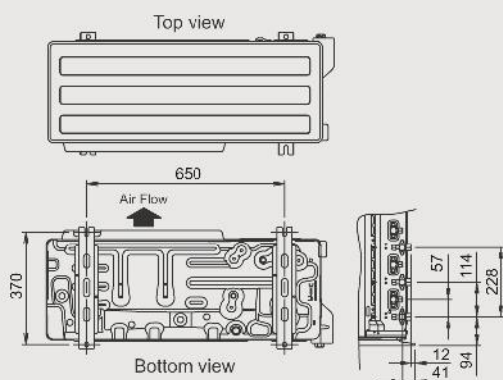


Models: AOH24LMAM2



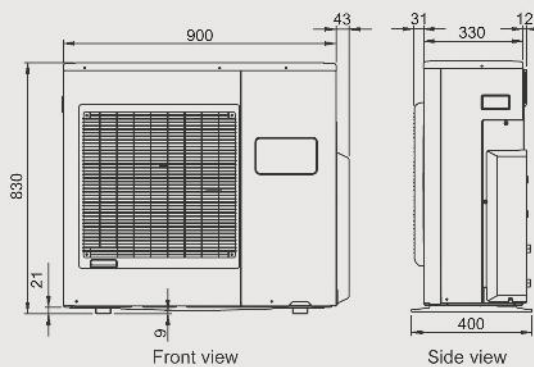
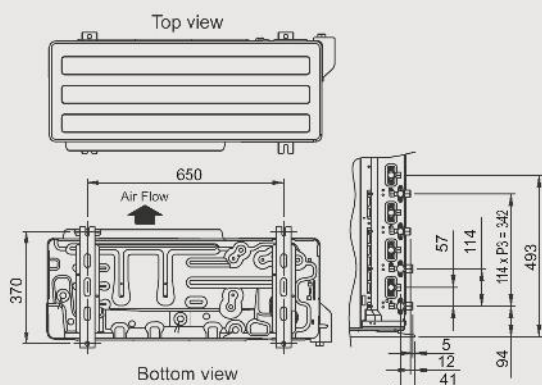
3 ROOMS

Models: AOHA18LAT3 / AOHA24LAT3



4 ROOMS

Models: AOH30LMAW4



2 & 3-4 Rooms Multi Combination tables

AOHA14LAC2	Indoor model for each room			COOLING OPERATION					EER	Cooling class		
				COOLING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.10	-	2.10	0.59		3.56	A		
	9	-	-	2.50	-	2.50	0.65		3.85	A		
	12	-	-	3.50	-	3.50	1.04		3.37	A		
2 Room	7	7	-	2.00	2.00	4.00	1.09		3.67	A		
	7	9	-	1.95	2.05	4.00	1.09		3.67	A		
	7	12	-	1.65	2.35	4.00	1.05		3.81	A		
	9	9	-	2.00	2.00	4.00	1.09		3.67	A		
	9	12	-	1.70	2.30	4.00	1.05		3.81	A		

AOHA18LAC2	Indoor model for each room			COOLING OPERATION					EER	Cooling class		
				COOLING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.10	-	2.10(1.4-2.7)	0.48(0.30-0.72)		4.38	A		
	9	-	-	2.50	-	2.50(1.4-3.2)	0.64(0.30-1.05)		3.91	A		
	12	-	-	3.50	-	3.50(1.4-3.7)	1.02(0.30-1.34)		3.43	A		
	14	-	-	4.20	-	4.20(1.8-4.8)	1.28(0.35-1.78)		3.28	A		
2 Room	7	7	-	2.10	2.10	4.20(1.7-5.2)	1.24(0.35-1.68)		3.39	A		
	7	9	-	2.10	2.50	4.60(1.7-5.9)	1.28(0.35-1.79)		3.66	A		
	7	12	-	1.90	3.10	5.00(1.7-5.6)	1.55(0.35-1.95)		3.23	A		
	7	14	-	1.80	3.20	5.00(1.8-5.7)	1.55(0.40-1.99)		3.23	A		
	9	9	-	2.50	2.50	5.00(1.7-5.6)	1.56(0.35-1.95)		3.21	A		
	9	12	-	2.10	2.90	5.00(1.7-5.7)	1.56(0.35-1.95)		3.23	A		
	9	14	-	2.00	3.00	5.00(1.8-5.8)	1.56(0.40-1.99)		3.23	A		
	12	12	-	2.50	2.50	5.00(1.7-5.8)	1.56(0.35-1.99)		3.21	A		
	12	14	-	2.50	2.50	5.00(1.7-5.8)	1.56(0.35-1.99)		3.21	A		
	12	12	12	2.50	2.50	5.00(1.7-5.8)	1.56(0.35-1.99)		3.21	A		
	12	12	14	2.50	2.50	5.00(1.7-5.8)	1.56(0.35-1.99)		3.21	A		
	12	12	12	2.50	2.50	5.00(1.7-5.8)	1.56(0.35-1.99)		3.21	A		

AOH24LHAM2	Indoor model for each room			COOLING OPERATION					EER	Cooling class		
				COOLING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.30	-	2.30(2.0-2.7)	0.71(0.65-0.90)		3.24	A		
	9	-	-	2.70	-	2.70(2.0-3.2)	0.89(0.65-1.07)		3.03	B		
	12	-	-	3.50	-	3.50(2.0-4.0)	1.09(0.65-1.33)		3.21	A		
	14	-	-	4.20	-	4.20(2.0-4.8)	1.30(0.65-1.60)		3.23	A		
	18	-	-	5.00	-	5.00(2.0-5.6)	1.64(0.68-1.95)		3.06	B		
2 Room	7	7	-	2.30	2.30	4.60(2.0-5.4)	1.39(0.68-1.68)		3.31	A		
	7	9	-	2.35	2.75	5.10(2.0-5.9)	1.56(0.68-1.84)		3.27	A		
	7	12	-	2.18	3.32	5.50(2.0-6.3)	1.71(0.68-2.03)		3.22	A		
	7	14	-	2.02	3.68	5.70(2.0-7.3)	1.72(0.68-2.62)		3.31	A		
	7	18	-	1.80	3.90	5.70(2.0-7.6)	1.72(0.68-2.87)		3.31	A		
	9	9	-	2.70	2.70	5.40(2.0-6.3)	1.68(0.68-2.06)		3.21	A		
	9	12	-	2.44	3.16	5.60(2.0-7.0)	1.71(0.68-2.58)		3.27	A		
	9	14	-	2.23	3.47	5.70(2.0-7.6)	1.72(0.68-2.87)		3.31	A		
	9	18	-	2.00	3.70	5.70(2.0-7.7)	1.72(0.68-2.87)		3.31	A		
	12	12	-	2.80	2.80	5.60(2.0-7.3)	1.72(0.68-2.87)		3.26	A		
	12	14	-	2.59	3.11	5.70(2.0-7.6)	1.73(0.68-2.87)		3.29	A		
	12	18	-	2.39	3.41	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	-	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	14	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	18	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	12	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	9	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		
	14	14	7	2.90	2.90	5.80(2.0-7.8)	1.73(0.68-2.87)		3.35	A		

AOHA18LAT3	Indoor model for each room			COOLING OPERATION					EER	Cooling class		
				COOLING OPERATION			Power Input	KW				
				Room 1	Room 2	Room 3						
				KW	KW	KW						
1 Room	7	-	-	2.30	-	-	2.30(1.5-2.7)	0.65(0.45-0.75)	3.54	A		
	9	-	-	2.70	-	-	2.70(1.5-3.3)	0.80(0.45-1.09)	3.38	A		
	12	-	-	3.50	-	-	3.50(1.5-3.7)	1.09(0.45-1.15)	3.21	A		
	14	-	-	4.20	-	-	4.20(1.5-4.8)	1.18(0.45-1.41)	3.62	A		
2 Room	7	7	-	2.30	2.30	-	4.60(1.8-5.0)	1.22(0.50-1.43)	3.77	A		
	9	7	-	2.70	2.30	-	5.00(1.8-5.7)	1.35(0.50-1.81)	3.70	A		
	12	7	-	3.02	1.98	-	5.00(1.8-6.1)	1.34(0.50-2.06)	3.73	A		
	14	7	-	3.42	1.88	-	5.30(1.8-6.5)	1.34(0.50-2.06)	3.96	A		
	9	9	-	2.50	2.50	-	5.00(1.8-6.2)	1.35(0.50-2.06)	3.70	A		
	12	9	-	2.82	2.18	-	5.00(1.8-6.3)	1.35(0.50-2.06)	3.70	A		
	14	9	-	3.23	2.07	-	5.30(1.8-6.7)	1.35(0.50-2.06)	3.93	A		
	12	12	-	2.55	2.55	-	5.10(1.8-6.3)	1.35(0.50-2.06)	3.78	A		
	14	12	-	2.89	2.41	-	5.30(1.8-6.7)	1.35(0.50-2.06)	3.93	A		
	7	7	7	1.80	1.80	1.80	5.40(1.8-6.8)	1.34(0.50-2.06)	4.03	A		
	9	7	7	2.00	1.70	1.70	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	7	7	2.33	1.63	1.63	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
3 Room	14	7	7	2.58	1.41	1.41	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	7	1.89	1.89	1.89	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	7	2.22	1.72	1.46	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	14	9	7	2.47	1.68	1.35	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	9	9	9	1.90	1.80	1.80	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		
	12	9	9	2.12	1.64	1.64	5.40(1.8-6.8)	1.35(0.50-2.06)	4.00	A		

AOHA24LAT3	Indoor model for each room			COOLING OPERATION					EER	Cooling class		
				COOLING OPERATION			Power Input	KW				
				Room 1	Room 2	Room 3						
				KW	KW	KW						
1 Room	7	-	-	2.30	-	-	2.30(1.5-2.7)	0.65(0.45-0.75)	3.54	A		
	9	-	-	2.70	-	-	2.70(1.5-3.3)	0.80(0.45-1.09)	3.38	A		
	12	-	-	3.50	-	-	3.50(1.5-3.7)	1.09(0.45-1.15)	3.21	A		
	14	-	-	4.20	-	-	4.20(1.5-4.8)	1.18(0.45-1.41)	3.62	A		
	18	-	-	5.00	-	-	5.00(1.8-5.6)	1.50(0.50-1.96)	3.33	A		
2 Room	7	7	-	2.30	2.30	-	4.60(1.8-5.0)	1.20(0.50-1.40)	3.83	A		
	9	7	-	2.70	2.30	-	5.00(1.8-5.7)	1.38(0.50-1.78)	3.68	A		
	12	7	-	3.42	2.38	-	5.80(1.8-6.1)	1.70(0.50-1.97)	3.41	A		
	14	7	-	4.13	2.37	-	6.50(1.8-7.2)	1.91(0.50-2.46)	3.40	A		
	18	7	-	4.52	2.08	-	6.60(1.8-7.8)	1.91(0.50-2.87)	3.46	A		
	9	9	-	2.75	2.75	-	5.50(1.8-6.2)	1.55(0.50-2.02)	3.55	A		
	12	9	-	3.41	2.79	-	6.20(1.8-6.5)	1.90(0.50-2.45)	3.28	A		
	14	9	-	3.94	2.68	-	6.60(1.8-7.7)	1.91(0.50-2.77)	3.46	A		
	18	9	-	4.35	2.35	-	6.70(1.8-7.9)	1.91(0.50-2.87)	3.51	A		
	12	12	-	3.15	3.15	-	6.30(1.8-7.2)	1.90(0.50-2.74)	3.32	A		
	14	12	-	3.67	3.03	-	6.70(1.8-7.8)	1.91(0.50-2.87)	3.51	A		
	18	12	-	4.04	2.68	-	6.70(1.8-7.9)	1.92(0.50-2.87)	3.49	A		
3 Room	7	7	7	2.27	2.27	2.27	6.80(1.8-7.4)	1.92(0.50-2.37)	3.54	A		
	9	7	7	2.52	2.14	2.14	6.80(1.8-7.8)	1.93(0.50-2.60)	3.52	A		
	12	7	7	2.84	1.98	1.98	6.80(1.8-8.1)	1.93(0.50-2.87)	3.52	A		
	14	7	7	3.16	1.82	1.82	6.80(1.8-8.4)	1.94(0.50-2.87)	3.51	A		
	18	7	7	3.54	1.63	1.63	6.80(1.8-8.5)	1.94(0.50-2.87)				

AOHA14LAC2	Indoor model for each room			HEATING OPERATION					COP	Heating class		
				HEATING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.70	-	2.70	0.64	4.22	A			
	9	-	-	3.30	-	3.30	0.87	3.79	A			
	12	-	-	4.00	-	4.00	1.13	3.54	A			
2 Room	7	7	-	2.20	2.20	4.40	1.03	4.27	A			
	7	9	-	2.15	2.25	4.40	1.03	4.27	A			
	7	12	-	1.95	2.45	4.40	1.02	4.31	A			
	9	9	-	2.20	2.20	4.40	1.03	4.27	A			
	9	12	-	2.00	2.40	4.40	1.02	4.31	A			
	12	12	-	2.00	2.40	4.40	1.02	4.31	A			

AOHA18LAC2	Indoor model for each room			HEATING OPERATION					COP	Heating class		
				HEATING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.70	-	2.70(1.4-3.3)	0.64(0.40-1.07)	4.22	A			
	9	-	-	3.30	-	3.30(1.4-4.2)	0.92(0.40-1.47)	3.59	A			
	12	-	-	4.00	-	4.00(1.4-4.8)	1.14(0.40-1.70)	3.51	B			
	14	-	-	4.80	-	4.80(1.6-5.8)	1.43(0.50-1.98)	3.36	C			
2 Room	7	7	-	2.70	2.70	5.40(1.8-6.0)	1.24(0.60-1.61)	4.35	A			
	7	9	-	2.50	3.00	5.50(1.8-6.0)	1.36(0.60-1.87)	4.04	A			
	7	12	-	2.30	3.30	5.60(1.8-6.1)	1.38(0.60-1.88)	4.06	A			
	7	14	-	2.25	3.35	5.60(1.9-6.2)	1.35(0.60-1.86)	4.15	A			
	9	9	-	2.80	2.80	5.60(1.8-6.1)	1.41(0.60-1.90)	3.97	A			
	9	12	-	2.45	3.15	5.60(1.8-6.2)	1.38(0.60-1.88)	4.06	A			
	9	14	-	2.35	3.25	5.60(1.9-6.3)	1.35(0.60-1.86)	4.15	A			
	12	12	-	2.80	2.80	5.60(1.8-6.3)	1.34(0.60-1.84)	4.18	A			
	12	14	-	2.80	2.80	5.60(1.8-6.3)	1.34(0.60-1.84)	4.18	A			
	12	12	-	2.80	2.80	5.60(1.8-6.3)	1.34(0.60-1.84)	4.18	A			

AOH24LMAM2	Indoor model for each room			HEATING OPERATION					COP	Heating class		
				HEATING OPERATION			Power Input	KW				
				Room 1	Room 2	Total						
				KW	KW	KW						
1 Room	7	-	-	2.70	-	2.70(2.2-3.3)	0.82(0.65-1.01)	3.29	C			
	9	-	-	3.30	-	3.30(2.2-4.0)	0.99(0.65-1.26)	3.33	C			
	12	-	-	4.00	-	4.00(2.2-4.8)	1.20(0.65-1.47)	3.33	C			
	14	-	-	4.80	-	4.80(2.2-6.0)	1.43(0.65-1.87)	3.36	C			
	19	-	-	6.00	-	6.00(2.2-7.1)	1.87(0.68-2.54)	3.21	C			
	7	7	-	2.80	2.80	5.60(2.2-6.4)	1.34(0.68-1.75)	3.88	A			
2 Room	7	9	-	2.85	3.35	6.20(2.2-7.4)	1.70(0.68-2.22)	3.65	A			
	7	12	-	2.59	3.71	6.30(2.2-7.9)	1.69(0.68-2.41)	3.73	A			
	7	14	-	2.36	4.04	6.40(2.2-8.5)	1.67(0.75-2.68)	3.83	A			
	7	18	-	2.13	4.27	6.40(2.2-8.9)	1.65(0.75-2.87)	3.88	A			
	9	9	-	3.20	3.20	6.40(2.2-8.0)	1.70(0.68-2.47)	3.76	A			
	9	12	-	2.85	3.45	6.30(2.2-8.4)	1.68(0.75-2.70)	3.75	A			
	9	14	-	2.61	3.79	6.40(2.2-8.9)	1.66(0.75-2.87)	3.86	A			
	9	18	-	2.37	4.03	6.40(2.2-8.9)	1.64(0.80-2.87)	3.90	A			
	12	12	-	3.20	3.20	6.40(2.2-8.9)	1.67(0.75-2.87)	3.83	A			
	12	14	-	2.81	3.49	6.40(2.2-8.0)	1.65(0.80-2.87)	3.88	A			
	12	18	-	2.57	3.73	6.40(2.2-8.0)	1.64(0.80-2.87)	3.90	A			
	14	14	-	3.20	3.20	6.40(2.2-8.0)	1.64(0.80-2.87)	3.90	A			
	14	14	-	3.20	3.20	6.40(2.2-8.0)	1.64(0.80-2.87)	3.90	A			
	14	14	-	3.20	3.20	6.40(2.2-8.0)	1.64(0.80-2.87)	3.90	A			

AOHA18LAT3	Indoor model for each room			HEATING OPERATION					COP	Heating class		
				HEATING OPERATION			Power Input	KW				
				Room 1	Room 2	Room 3						
				KW	KW	KW						
1 Room	7	-	-	2.70	-	-	2.70(1.5-3.3)	0.83(0.43-1.00)	3.25	C		
	9	-	-	3.30	-	-	3.30(1.5-4.2)	1.00(0.42-1.30)	3.30	C		
	12	-	-	3.80	-	-	3.80(1.5-4.8)	1.26(0.42-1.62)	3.02	D		
	14	-	-	4.80	-	-	4.80(1.5-5.8)	1.30(0.42-1.70)	3.69	A		
2 Room	7	7	-	2.70	2.70	-	5.40(2.0-6.1)	1.59(0.52-1.93)	3.40	C		
	9	7	-	3.25	2.75	-	6.00(2.0-6.4)	1.87(0.52-2.08)	3.21	C		
	12	7	-	3.71	2.59	-	6.30(2.0-6.5)	1.98(0.52-2.06)	3.18	D		
	14	7	-	4.29	2.51	-	6.80(2.0-7.1)	1.92(0.50-2.06)	3.54	B		
	9	9	-	3.15	3.15	-	6.30(2.0-6.5)	1.98(0.52-2.06)	3.18	D		
	12	9	-	3.51	2.89	-	6.40(2.0-6.6)	1.99(0.52-2.08)	3.22	C		
	14	9	-	4.03	2.77	-	6.80(2.0-7.2)	1.91(0.50-2.06)	3.56	B		
	12	12	-	3.20	3.20	-	6.40(2.0-6.6)	1.98(0.52-2.06)	3.23	C		
	14	12	-	3.71	3.09	-	6.80(2.0-7.3)	1.90(0.50-2.06)	3.58	B		
	14	12	-	3.71	3.09	-	6.80(2.0-7.3)	1.90(0.50-2.06)	3.58	B		
3 Room	7	7	7	2.52	2.14	2.23	6.80(2.0-7.8)	1.70(0.60-2.08)	4.00	A		
	12	7	7	2.83	1.98	1.98	6.80(2.0-7.8)	1.69(0.60-2.08)	4.02	A		
	14	7	7	3.14	1.83	1.83	6.80(2.0-8.0)	1.62(0.60-2.06)	4.20	A		
	9	9	7	2.39	2.39	2.03	6.80(2.0-7.8)	1.69(0.60-2.08)	4.02	A		
	12	9	7	2.69	2.22	1.89	6.80(2.0-7.9)	1.68(0.60-2.08)	4.05	A		
	14	9	7	2.99	2.06	1.75	6.80(2.0-8.0)	1.62(0.60-2.06)	4.20	A		
	9	9	9	2.27	2.27	2.27	6.80(2.0-7.9)	1.68(0.60-2.08)	4.05	A		
	12	9	9	2.57	2.12	2.12	6.80(2.0-7.9)	1.67(0.60-2.06)	4.07	A		
	12	9	9	2.57	2.12	2.12	6.80(2.0-7.9)	1.67(0.60-2.06)	4.07	A		
	12	9	9	2.57	2.12	2.12	6.80(2.0-7.9)	1.67(0.60-2.06)	4.07	A		

AOHA24LAT3	Indoor model for each room			HEATING OPERATION					COP	Heating class		
				HEATING OPERATION			Power Input	KW				
				Room 1	Room 2	Room 3						
				KW	KW	KW						
1 Room	7	-	-	2.70	-	-	2.70(1.5-3.3)	0.83(0.43-1.00)	3.25	C		
	9	-	-	3.30	-	-	3.30(1.5-4.2)	1.00(0.42-1.30)	3.30	C		
	12	-	-	3.80	-	-	3.80(1.5-4.8)	1.26(0.42-1.62)	3.02	D		
	14	-	-	4.80	-	-	4.80(1.5-5.8)	1.30(0.42-1.70)	3.69	A		
2 Room	18	-	-	6.00	-	-	6.00(1.6-7.1)	1.85(0.42-2.40)	3.24	C		
	7	7	-	2.75	2.75	-	5.50(2.0-6.1)	1.55(0.52-1.93)	3.55	B		
	9	7	-	3.30	2.80	-	6.10(2.0-7.0)	1.82(0.52-2.22)	3.35	C		
	12	7	-	4.12	2.88	-	7.00(2.0-7.3)	2.31(0.52-2.66)	3.03	D		
	14	7	-	4.80	2.80	-	7.60(2.0-8.3)	2.28(0.50-2.87)	3.33	C		
	18	7	-	5.39	2.51	-	7.90(2.0-8.3)	2.34(0.50-2.87)	3.38	C		
	9	9	-	3.30	3.30	-	6.60(2.0-7.4)	2.04(0.52-2.68)	3.24	C		
	12	9	-	4.00	3.30	-	7.30(2.0-7.7)	2.43(0.52-2.87)	3.00	D		
	14	9	-	4.68	3.22	-	7.90(2.0-8.3)	2.38(0.50-2.87)	3.32	C		
	18	9	-	5.16	2.84	-	8.00(2.0-8.5)	2.32(0.50-2.87)	3.45	B		
	12	12	-	3.80	3.80	-	7.60(2.0-7.8)	2.54(0.52-2.87)	2.99	D		
	14	12	-	4.31	3.59	-	7.90(2.0-8.4)	2.37(0.50-2.87)	3.33	C		
	18	12	-	4.80	3.20	-	8.00(2.0-8.6)	2.31(0.50-2.87)	3.46	B		
	7	7	7	2.47	2.47	2.47	7.40(2.0-8.6)	2.05(0.50-2.88)	3.61	A		
3 Room	9	7	7	2.86	2.42	2.42	7.70(2.0-8.8)	2.11(0.50-2.87)	3.65	A		
	12	7	7	3.25	2.28	2.28	7.80(2.0-8.9)	2.10(0.50-2.80)	3.71	A		
	14	7	7	3.65	2.13	2.13	7.90(2.0-9.2)	2.02(0.50-2.72)	3.91	A		
	18	7	7	4.09	1.91	1.91	7.90(2.0-9.2)	2.00(0.50-2.70)	3.95	A		
	9	9	7	2.74	2.74	2.32	7.80(2.0-9.0)	2.10(0.50-2.87)	3.71	A		
	12	9	7	3.09	2.55	2.16	7.80(2.0-9.1)	2.09(0.50-2.87)	3.73	A		
	14	9	7	3.52	2.42	2.06	8.00(2.0-9.2)	2.02(0.50-2.72)	3.86	A		
	18	9	7	3.97	2.18	1.85	8.00(2.0-9.2)	2.00(0.50-2.69)	4.00	A		
	12	12	7	2.93	2.93	2.05	7.90(2.0-9.1)	2.08(0.50-2.87)	3.80	A		
	14	12	7	3.31	2.76	1.93	8.00(2.0-9.2)	2.01(0.50-2.70)	3.98	A		
	9	9	9	2.63	2.63	2.63	7.90(2.0-9.1)	2.09(0.50-2.87)	3.78	A		
	12	9	9	2.98	2.46	2.46	7.90(2.0-9.2)	2.08(0.50-2.87)	3.80	A		
	14	9	9	3.37	2.32	2.32	8.00(2.0-9					

2 & 3-4 Rooms Multi Combination tables

AOH30LMAW4	Indoor model for each room				COOLING OPERATION							EER	Cooling class		
					COOLING OPERATION				Total	Power Input					
					Room 1	Room 2	Room 3	Room 4							
					KW	KW	KW	KW	KW	KW					
1 Room	7	-	-	-	2.30	-	-	-	2.30(1.6-2.7)	0.78(0.56-0.99)	2.95	C			
	9	-	-	-	2.70	-	-	-	2.70(1.6-3.4)	0.94(0.66-1.25)	2.87	C			
	12	-	-	-	3.50	-	-	-	3.50(1.6-3.8)	1.24(0.56-1.40)	2.82	C			
	14	-	-	-	4.00	-	-	-	4.00(1.7-4.5)	1.40(0.57-1.68)	2.86	C			
	18	-	-	-	5.20	-	-	-	5.20(1.7-6.0)	1.68(0.66-2.20)	3.10	B			
	22	-	-	-	6.30	-	-	-	6.30(1.8-6.8)	2.30(0.68-2.70)	2.74	D			
	24	-	-	-	6.30	-	-	-	6.30(1.8-7.4)	2.40(0.55-2.86)	2.83	C			
	7	7	-	-	2.30	2.30	-	-	4.60(1.8-5.2)	1.42(0.80-1.62)	3.24	A			
	9	7	-	-	2.70	2.30	-	-	5.00(1.8-6.0)	1.60(0.60-2.16)	3.13	B			
	12	7	-	-	3.50	2.30	-	-	5.80(1.8-6.2)	2.00(0.60-2.20)	2.90	C			
	14	7	-	-	4.00	2.30	-	-	6.30(1.8-7.1)	2.15(0.60-2.50)	2.93	C			
	18	7	-	-	4.80	2.10	-	-	6.90(2.8-8.2)	2.10(0.90-2.85)	3.29	A			
2 Room	22	7	-	-	5.20	1.90	-	-	7.10(2.8-8.9)	2.16(0.90-3.30)	3.29	A			
	24	7	-	-	5.40	1.80	-	-	7.20(2.8-9.3)	2.16(0.90-3.58)	3.33	A			
	9	9	-	-	2.70	2.70	-	-	5.40(1.8-6.4)	1.68(0.60-2.23)	3.21	A			
	12	9	-	-	3.50	2.70	-	-	6.20(2.8-6.8)	2.16(0.90-2.50)	2.87	C			
	14	9	-	-	4.00	2.70	-	-	6.70(2.8-7.8)	2.35(0.90-2.90)	2.85	C			
	18	9	-	-	4.60	2.40	-	-	7.00(2.8-7.1)	2.15(0.90-3.25)	3.26	A			
	22	9	-	-	5.00	2.10	-	-	7.10(2.8-9.0)	2.15(0.90-3.52)	3.30	A			
	24	9	-	-	5.23	2.07	-	-	7.30(2.8-9.5)	2.15(0.90-3.52)	3.40	A			
	12	12	-	-	3.35	3.35	-	-	6.70(2.8-7.3)	2.35(0.90-2.80)	2.84	C			
	14	12	-	-	3.68	3.22	-	-	6.90(2.8-8.5)	2.18(0.90-3.30)	3.17	B			
	18	12	-	-	4.18	2.82	-	-	7.00(2.8-9.1)	2.15(0.90-3.52)	3.26	A			
	22	12	-	-	4.63	2.67	-	-	7.20(2.8-9.4)	2.20(0.90-3.52)	3.27	A			
	24	12	-	-	4.82	2.48	-	-	7.30(2.8-9.5)	2.15(0.90-3.52)	3.40	A			
	14	14	-	-	3.55	3.55	-	-	7.10(2.8-9.0)	2.20(0.90-3.40)	3.23	A			
	18	14	-	-	4.07	3.13	-	-	7.20(2.8-9.3)	2.20(0.90-3.52)	3.27	A			
	22	14	-	-	4.47	2.83	-	-	7.30(2.8-9.6)	2.20(0.90-3.52)	3.32	A			
	24	14	-	-	4.66	2.74	-	-	7.40(3.4-9.7)	2.20(1.10-3.52)	3.36	A			
	7	7	7	-	2.30	2.30	2.30	-	6.90(1.8-7.5)	2.20(0.60-2.44)	3.14	B			
	9	7	7	-	2.70	2.30	2.30	-	7.30(2.8-7.7)	2.35(0.90-2.55)	3.11	B			
	12	7	7	-	3.02	1.99	1.99	-	7.00(2.8-8.2)	2.17(0.90-2.90)	3.23	A			
	14	7	7	-	3.27	1.96	1.96	-	7.20(1.6-8.9)	2.22(0.68-3.43)	3.24	A			
	18	7	7	-	4.08	1.81	1.81	-	7.70(2.8-10.0)	2.22(0.98-3.55)	3.47	A			
	22	7	7	-	4.49	1.66	1.66	-	7.80(2.8-10.1)	2.17(0.98-3.58)	3.59	A			
	24	7	7	-	4.57	1.61	1.61	-	7.80(2.8-10.1)	2.19(0.98-3.53)	3.56	A			
	9	9	7	-	2.45	2.45	2.08	-	7.00(2.8-8.3)	2.17(0.90-2.90)	3.23	A			
	12	9	7	-	2.78	2.34	2.08	-	7.20(1.6-8.9)	2.22(0.68-3.41)	3.24	A			
	14	9	7	-	3.16	2.14	1.90	-	7.20(2.8-9.1)	2.22(0.98-3.56)	3.24	A			
	18	9	7	-	3.96	1.98	1.76	-	7.70(2.8-9.9)	2.22(0.98-3.56)	3.47	A			
	22	9	7	-	4.37	1.82	1.61	-	7.80(2.8-10.1)	2.22(0.98-3.58)	3.51	A			
	24	9	7	-	4.46	1.77	1.57	-	7.80(2.8-10.1)	2.19(0.98-3.53)	3.56	A			
3 Room	12	12	7	-	2.62	2.62	1.96	-	7.20(1.6-9.1)	2.22(0.68-3.54)	3.24	A			
	14	12	7	-	3.04	2.43	1.83	-	7.30(2.8-9.2)	2.22(0.98-3.56)	3.29	A			
	18	12	7	-	3.78	2.24	1.68	-	7.70(2.8-9.9)	2.22(0.98-3.56)	3.47	A			
	22	12	7	-	4.19	2.06	1.55	-	7.80(2.8-10.1)	2.22(0.98-3.58)	3.51	A			
	24	12	7	-	4.28	2.01	1.51	-	7.80(2.8-10.1)	2.19(0.98-3.56)	3.56	A			
	14	14	7	-	2.81	2.81	1.68	-	7.30(2.8-9.3)	2.22(0.98-3.58)	3.29	A			
	18	14	7	-	3.52	2.61	1.57	-	7.70(3.5-10.0)	2.22(1.17-3.58)	3.47	A			
	22	14	7	-	3.93	2.42	1.45	-	7.80(3.5-10.1)	2.22(1.17-3.58)	3.51	A			
	24	14	7	-	4.07	2.39	1.44	-	7.90(3.5-10.1)	2.20(1.17-3.58)	3.59	A			
	18	18	7	-	3.19	3.19	1.42	-	7.80(3.5-10.1)	2.22(1.17-3.58)	3.51	A			
	22	18	7	-	3.59	2.98	1.33	-	7.90(3.5-10.1)	2.22(1.17-3.58)	3.56	A			
	24	18	7	-	3.68	2.92	1.30	-	7.90(4.7-10.1)	2.22(1.27-3.58)	3.56	A			
	9	9	9	-	2.40	2.40	2.40	-	7.20(2.8-8.9)	2.22(0.98-3.42)	3.24	A			
	12	9	9	-	2.68	2.26	2.26	-	7.20(2.8-9.1)	2.22(0.98-3.54)	3.24	A			
	14	9	9	-	3.11	2.10	2.10	-	7.30(2.8-9.2)	2.22(0.98-3.57)	3.29	A			
	18	9	9	-	3.85	1.93	1.93	-	7.70(2.8-9.9)	2.22(0.98-3.56)	3.47	A			
	22	9	9	-	4.26	1.77	1.77	-	7.80(2.8-10.1)	2.22(0.98-3.58)	3.51	A			
	24	9	9	-	4.35	1.73	1.73	-	7.80(2.8-10.1)	2.20(1.17-3.54)	3.56	A			
	12	12	9	-	2.53	2.53	2.14	-	7.20(2.8-9.1)	2.22(0.98-3.54)	3.24	A			
	14	12	9	-	2.95	2.36	1.99	-	7.30(2.8-9.2)	2.22(0.98-3.57)	3.29	A			
	18	12	9	-	3.68	2.18	1.84	-	7.70(2.8-9.9)	2.22(0.98-3.56)	3.47	A			
	22	12	9	-	4.09	2.01	1.70	-	7.80(2.8-10.1)	2.22(0.98-3.58)	3.51	A			
	24	12	9	-	4.18	1.97	1.66	-	7.80(2.8-10.1)	2.19(0.98-3.56)	3.56	A			
	14	14	9	-	2.73	2.73	1.84	-	7.30(3.5-9.3)	2.22(1.17-3.58)	3.29	A			
	18	14	9	-	3.48	2.58	1.74	-	7.80(3.5-10.0)	2.22(1.17-3.58)	3.51	A			
	22	14	9	-	3.84	2.36	1.60	-	7.80(3.5-10.1)	2.22(1.17-3.58)	3.51	A			
	24	14	9	-	3.98	2.34	1.58	-	7.90(3.5-10.1)	2.22(1.27-3.56)	3.56	A			
	18	18	9	-	3.12	3.12	1.56	-	7.80(4.7-10.1)	2.22(1.27-3.58)	3.51	A			
	22	18	9	-	3.52	2.92	1.46	-	7.90(4.7-10.1)	2.22(1.27-3.58)	3.56	A			
	12	12	12	-	2.43	2.43	2.43	-	7.30(2.8-9.2)	2.22(0.98-3.55)	3.29	A			
	14	12	12	-	2.85	2.28	2.28	-	7.40(2.8-9.3)	2.22(0.98-3.58)	3.33	A			
	18	12	12	-	3.57	2.12	2.12	-	7.80(3.5-10.0)	2.22(1.17-3.57)	3.51	A			
	22	12	12	-	3.98	1.96	1.96	-	7.90(3.5-10.1)	2.22(1.17-3.58)	3.56	A			
	24	12	12	-	4.07	1.92	1.92	-	7.90(3.5-10.1)	2.20(1.17-3.54)	3.59	A			
	14	14	12	-	2.64	2.64	2.11	-	7.40(3.5-9.4)	2.22(1.17-3.58)	3.33	A			
	18	14	12	-	3.34	2.48	1.98	-	7.80(3.5-10.1)	2.22(1.17-3.58)	3.51	A			
	22	14	12	-	3.76	2.31	1.85	-	7.90(3.5-10.1)	2.22(1.17-3.58)	3.56	A			
	24	14	12	-	3.85	2.26	1.81	-	7.90(4.7-10.1)	2.22(1.27-3.58)	3.56	A			
	7	7	7	7	1.90	1.90	1.90	1.90	7.60(1.8-9.6)	2.20(0.68-3.41)	3.45	A			
	9	7	7	7	2.07	1.84	1.84	1.84	7.60(1.6-9.8)	2.22(0.68-3.54)	3.42	A			
	12	7	7	7	2.37	1.78	1.78	1.78	7.70(1.6-9.9)	2.22(0.68-3.54)	3.47	A			
	14	7	7	7	2.75	1.65	1.65	1.65	7.70(2.8-9.9)	2.22(0.98-3.56)	3.47	A			
	18	7	7	7	3.43	1.52	1.52	1.52	8.00(2.8-10.1)	2.20(0.98-3.55)	3.64	A			
	22	7	7	7	3.80	1.40	1.40	1.40	8.00(2.8-10.1)	2.22(0.98-3.58)	3.60	A			
	9	9	7	7	2.04	2.04	1.61	1.61	7.70(2.8-9.7)	2.22(0.98-3.42)	3.47	A			
	12	9	7	7	2.30	1.94	1.73	1.73	7.70(2.8-9.9)	2.22(0.98-3.55)	3.47	A			
	14	9	7	7	2.68	1.81	1.61	1.61	7.70(2.8-10.0)	2.22(0.98-3.57)	3.47	A			
	18	9	7	7	3.36	1.67	1.49	1.49	8.00(3.5-10.1)	2.20(1.17-3.55)	3.64	A			
	22	9	7	7	3.71	1.64	1.37	1.37	8.00(3.5-10.1)	2.22(1.17-3.58)	3.60	A			
	12	12	7	7	2.20	2.20	1.65	1.65	7.70(2.8-10.0)	2.22(0.98-3.55)	3.47	A			
	14	12	7	7	2.60	2.08	1.56	1.56	7.80(2.8-10.0)	2.22(0.98-3.57)	3.51	A			
	18	12	7	7	3.22	1.91	1.43	1.43	8.00(3.5-10.1)	2.20(1.17-3.56)	3.64	A			
	22	12	7	7	3.59	1.77	1.32	1.32	8.00(3.5-10.1)	2.22(1.17-3.58)	3.60	A			
	14	14	7	7	2.50	2.50	1.50	1.50	8.00(3.5-10.1)	2.22(1.17-3.58)	3.60	A			
	18	14	7	7	3.04	2.25	1.35	1.35	8.00(3.5-10.1)	2.22(1.17-3.58)	3.60	A			
	9	9	9	7	1.98	1.98	1.76	1.76	7.70(2.8-9.9)						

AOH30LMAW4	Indoor model for each room	HEATING OPERATION							Power Input KW	COP	Heating class			
		Room 1				Total								
		KW	KW	KW	KW	KW								
1 Room	7 - - -	2.70	-	-	-	2.70(1.5-3.3)		1.00(0.55-1.25)	2.70	E				
	9 - - -	3.30	-	-	-	3.30(1.5-3.7)		1.22(0.55-1.41)	2.70	E				
	12 - - -	3.80	-	-	-	3.80(1.5-4.5)		1.40(0.55-1.80)	2.71	E				
	14 - - -	4.80	-	-	-	4.80(1.7-5.8)		1.48(0.58-1.90)	3.24	C				
	18 - - -	6.00	-	-	-	6.00(3.2-7.1)		1.90(0.90-2.48)	3.16	D				
	22 - - -	7.50	-	-	-	7.50(3.2-8.8)		2.29(0.90-2.82)	3.28	C				
	24 - - -	8.20	-	-	-	8.20(3.2-9.0)		2.78(0.90-3.33)	2.95	D				
	7 7 - -	2.70	2.70	-	-	5.40(1.7-5.9)		1.58(0.55-1.80)	3.42	B				
	9 7 - -	3.30	2.70	-	-	6.00(1.7-7.2)		1.76(0.55-2.50)	3.41	B				
	12 7 - -	3.80	2.70	-	-	6.50(1.7-7.2)		2.20(0.55-2.45)	2.95	D				
	14 7 - -	4.80	2.70	-	-	7.50(3.3-8.7)		2.25(0.90-2.88)	3.33	C				
	18 7 - -	6.00	2.70	-	-	8.70(3.3-8.4)		2.67(0.90-3.00)	3.26	C				
2 Room	22 7 - -	6.84	2.46	-	-	9.30(3.3-10.5)		2.87(0.90-3.34)	3.48	B				
	24 7 - -	7.15	2.35	-	-	9.50(3.3-10.7)		2.70(0.90-3.50)	3.52	B				
	9 9 - -	3.30	3.30	-	-	6.60(3.3-7.4)		2.02(0.90-2.50)	3.27	C				
	12 9 - -	3.80	3.30	-	-	7.10(1.7-8.3)		2.35(0.55-3.08)	3.02	D				
	14 9 - -	4.80	3.30	-	-	8.10(3.3-9.3)		2.67(0.90-3.30)	3.03	D				
	18 9 - -	5.87	3.23	-	-	9.10(3.3-10.1)		2.67(0.90-3.40)	3.41	B				
	22 9 - -	6.53	2.87	-	-	9.40(3.3-10.7)		2.67(0.90-3.50)	3.52	B				
	24 9 - -	6.77	2.73	-	-	9.50(3.3-11.0)		2.67(0.90-3.50)	3.56	B				
	12 12 - -	3.80	3.80	-	-	7.60(3.3-8.8)		2.65(0.90-3.30)	2.87	D				
	14 12 - -	4.80	3.80	-	-	8.60(3.3-9.8)		3.06(0.90-3.50)	2.91	D				
	18 12 - -	5.69	3.61	-	-	9.30(3.3-10.3)		2.90(0.90-3.50)	3.21	C				
	22 12 - -	6.37	3.23	-	-	9.60(3.3-11.0)		2.78(0.90-3.50)	3.45	B				
	24 12 - -	6.56	3.04	-	-	9.60(3.3-11.0)		2.68(0.90-3.50)	3.58	B				
	14 14 - -	4.70	4.70	-	-	9.40(3.3-10.3)		2.93(0.90-3.50)	3.21	C				
	18 14 - -	5.33	4.27	-	-	9.60(3.3-11.1)		2.77(0.90-3.50)	3.47	B				
	22 14 - -	6.85	3.75	-	-	9.60(3.3-11.5)		2.65(0.90-3.50)	3.62	A				
	24 14 - -	6.06	3.54	-	-	9.60(4.3-11.5)		2.65(1.02-3.50)	3.62	A				
	7 7 7 -	2.70	2.70	2.70	-	8.10(1.8-8.8)		2.30(0.55-2.55)	3.52	B				
	9 7 7 -	3.30	2.70	2.70	-	8.70(3.3-8.3)		2.60(0.90-2.85)	3.35	C				
	12 7 7 -	3.80	2.70	2.70	-	9.20(3.3-8.7)		2.93(0.90-3.10)	3.25	C				
	14 7 7 -	4.15	2.42	2.42	-	9.00(1.8-10.1)		2.66(0.58-3.53)	3.38	C				
	18 7 7 -	4.86	2.27	2.27	-	9.40(3.3-11.2)		2.46(0.67-3.52)	3.82	A				
	22 7 7 -	5.28	2.11	2.11	-	9.50(3.3-11.6)		2.43(0.67-3.52)	3.91	A				
	24 7 7 -	5.44	2.03	2.03	-	9.50(3.3-11.5)		2.47(0.67-3.52)	3.85	A				
	9 9 7 -	3.30	3.30	2.70	-	9.30(3.3-9.7)		2.80(0.90-3.10)	3.32	C				
	12 9 7 -	3.56	2.94	2.49	-	9.00(1.8-10.0)		2.69(0.58-3.51)	3.35	C				
	14 9 7 -	4.00	2.75	2.33	-	9.10(3.3-10.2)		2.64(0.67-3.50)	3.45	B				
	18 9 7 -	4.86	2.56	2.17	-	9.40(3.3-11.3)		2.45(0.67-3.50)	3.84	A				
	22 9 7 -	5.13	2.42	2.05	-	9.60(3.3-11.7)		2.41(0.67-3.51)	3.88	A				
3 Room	24 9 7 -	5.29	2.33	1.98	-	9.60(3.3-11.5)		2.46(0.67-3.51)	3.90	A				
	12 12 7 -	3.33	3.33	2.33	-	9.00(1.8-10.1)		2.66(0.58-3.48)	3.38	C				
	14 12 7 -	3.80	3.17	2.22	-	9.20(3.3-10.3)		2.62(0.67-3.48)	3.51	B				
	18 12 7 -	4.45	2.97	2.08	-	9.50(3.3-11.4)		2.44(0.67-3.47)	3.89	A				
	22 12 7 -	4.87	2.78	1.95	-	9.60(3.3-11.7)		2.40(0.67-3.49)	4.00	A				
	24 12 7 -	5.03	2.69	1.88	-	9.60(3.3-11.7)		2.45(0.67-3.56)	3.92	A				
	14 14 7 -	3.60	3.60	2.10	-	9.30(3.3-10.6)		2.59(0.67-3.48)	3.59	B				
	18 14 7 -	4.19	3.35	1.96	-	9.50(3.3-11.5)		2.42(0.67-3.52)	3.93	A				
	22 14 7 -	4.60	3.16	1.84	-	9.60(3.3-11.8)		2.40(0.67-3.52)	4.00	A				
	24 14 7 -	4.77	3.05	1.78	-	9.60(3.3-11.7)		2.45(0.67-3.56)	3.92	A				
	18 18 7 -	3.89	3.89	1.82	-	9.60(3.3-12.0)		2.40(0.67-3.52)	4.00	A				
	22 18 7 -	4.25	3.65	2.70	-	9.60(3.3-12.0)		2.40(0.67-3.52)	4.00	A				
	24 18 7 -	4.42	3.53	1.65	-	9.60(4.3-12.0)		2.40(1.12-3.52)	4.00	A				
	9 9 9 -	3.00	3.00	3.00	-	9.00(3.3-10.0)		2.69(0.67-3.51)	3.35	C				
	12 9 9 -	3.39	2.80	2.80	-	9.00(3.3-10.1)		2.67(0.67-3.48)	3.37	C				
	14 9 9 -	3.87	2.66	2.66	-	9.20(3.3-10.3)		2.63(0.67-3.48)	3.50	B				
	18 9 9 -	4.52	2.49	2.49	-	9.50(3.3-11.4)		2.44(0.67-3.48)	3.89	A				
	22 9 9 -	4.84	2.33	2.33	-	9.60(3.3-11.7)		2.41(0.67-3.50)	3.98	A				
	24 9 9 -	5.11	2.25	2.25	-	9.60(3.3-11.7)		2.45(0.67-3.57)	3.92	A				
	12 12 9 -	3.22	3.22	2.65	-	9.10(3.3-10.3)		2.65(0.67-3.52)	3.43	B				
	14 12 9 -	3.69	3.07	2.53	-	9.30(3.3-10.5)		2.61(0.67-3.52)	3.56	B				
	18 12 9 -	4.29	2.86	2.36	-	9.50(3.3-11.4)		2.43(0.67-3.47)	3.91	A				
	22 12 9 -	4.70	2.69	2.22	-	9.60(3.3-11.7)		2.40(0.67-3.48)	4.00	A				
	24 12 9 -	4.86	2.59	2.14	-	9.60(3.3-11.8)		2.44(0.67-3.55)	3.93	A				
	14 14 9 -	3.46	3.46	2.38	-	9.30(3.3-10.7)		2.58(0.67-3.46)	3.60	B				
	18 14 9 -	4.04	3.23	2.22	-	9.50(3.3-11.6)		2.41(0.67-3.51)	3.94	A				
	22 14 9 -	4.45	3.05	2.10	-	9.60(3.3-11.9)		2.40(0.67-3.51)	4.00	A				
	24 14 9 -	4.62	2.95	2.03	-	9.60(4.3-11.9)		2.42(1.12-3.57)	3.97	A				
	18 18 9 -	3.76	3.76	2.07	-	9.60(4.3-12.0)		2.40(1.12-3.52)	4.00	A				
	22 18 9 -	4.12	3.53	1.94	-	9.60(4.3-12.0)		2.40(1.12-3.52)	4.00	A				
	12 12 12 -	3.07	3.07	3.07	-	9.20(3.3-10.3)		2.63(0.67-3.48)	3.50	B				
	14 12 12 -	3.49	2.91	2.91	-	9.50(3.3-10.6)		2.59(0.67-3.48)	3.59	B				
	18 12 12 -	4.07	2.71	2.71	-	9.50(3.3-11.6)		2.42(0.67-3.52)	3.93	A				
	22 12 12 -	4.48	2.56	2.56	-	9.60(3.3-11.9)		2.40(0.67-3.52)	4.00	A				
	24 12 12 -	4.65	2.48	2.48	-	9.60(3.3-11.8)		2.43(0.67-3.54)	3.95	A				
	14 14 12 -	3.32	3.32	2.76	-	9.40(3.3-10.8)		2.40(0.67-3.50)	3.92	A				
	18 14 12 -	3.85	3.08	2.57	-	9.50(3.3-11.6)		2.40(0.67-3.49)	3.96	A				
	22 14 12 -	4.25	2.92	2.43	-	9.60(3.3-11.9)		2.40(0.67-3.49)	4.00	A				
	24 18 12 -	3.60	3.60	2.40	-	9.60(4.3-12.0)		2.40(1.12-3.52)	4.00	A				
	7 7 7 7 -	2.35	2.35	2.35	2.35	9.40(1.8-10.8)		2.58(0.58-3.47)	3.64	A				
	9 7 7 7 -	2.88	2.27	2.27	2.27	9.50(1.8-10.9)		2.57(0.58-3.51)	3.70	A				
	12 7 7 7 -	3.06	2.14	2.14	2.14	9.50(1.8-11.1)		2.56(0.58-3.55)	3.71	A				
	14 7 7 7 -	3.49	2.04	2.04	2.04	9.60(3.3-11.3)		2.53(0.67-3.55)	3.79	A				
	18 7 7 7 -	4.00	1.87	1.87	1.87	9.60(3.3-12.0)		2.40(0.67-3.55)	4.00	A				
	22 7 7 7 -	4.37	1.75	1.75	1.75	9.60(3.3-12.0)		2.40(0.67-3.55)	4.00	A				
	9 9 7 7 -	2.57	2.57	2.18	2.18	9.50(3.3-10.9)		2.56(0.67-3.44)	3.71	A				
	12 9 7 7 -	2.95	2.43	2.06	2.06	9.50(3.3-11.1)		2.55(0.67-3.54)	3.73	A				
	14 9 7 7 -	3.36	2.31	1.96	1.96	9.60(3.3-11.4)		2.53(0.67-3.54)	3.79	A				
	18 9 7 7 -	3.87	2.13	1.80	1.80	9.60(3.3-12.0)		2.40(0.67-3.55)	4.00	A				
	22 9 7 7 -	4.23	1.99	1.69	1.69	9.60(3.3-12.0)		2.40(0.67-3.55)	4.00	A				
	12 12 7 7 -	2.82	2.82	1.98	1.98	9.60(3.3-11.3)		2.54(0.67-3.57)	3.78	A				
	14 12 7 7 -	3.20	2.67	1.87	1.87	9.60(3.3-11.5)		2.51(0.67-3.58)	3.82	A				
	18 12 7 7 -	3.69	2.46	1.72	1.72	9.60(3.3-12.0)		2.40(0.67-3.58)	4.00	A				
	22 12 7 7 -	4.05	2											

INVERTER

8 Rooms Multi (Future Release)

- Suitable for large homes, shops, small buildings, and a variety of other multi installations
- Up to 8 indoor units can be connected
- Excellent installability, lightweight, compact yet high efficiency operation outdoor unit

ALL
DC

AOHA45LAT8 **NEW**



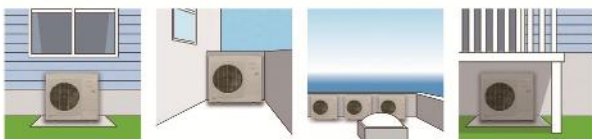
High Efficiency & Compact

High efficiency

Adopting a large heat exchanger, high efficiency ventilation fan, DC twin rotary compressor, etc. realizes high efficiency operation by all DC inverter control.

Top class compact design

Compact and lightweight outdoor unit is easy to carry in. It can be installed in various obscure places.



Innovated technology

High efficiency large fan:
New high efficiency fan is mounted.



DC Fan motor:
High performance and high efficiency has been realized by using a small DC fan motor.



High efficiency DC twin rotary Compressor:
A high performance, low noise, large capacity DC twin rotary compressor is used.

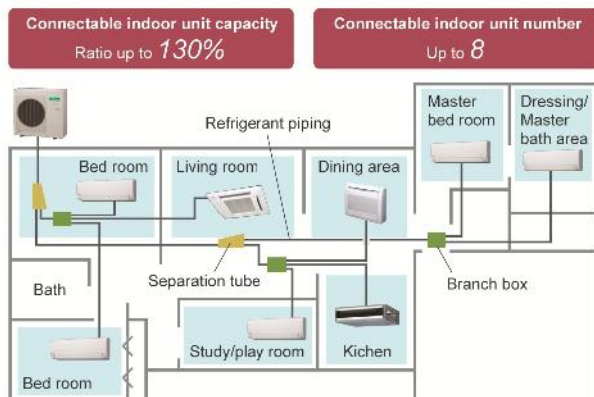


Heat exchanger:
Reduced compact size and energy saving has been realized by utilizing high density piping design and 3-Row heat exchanger.

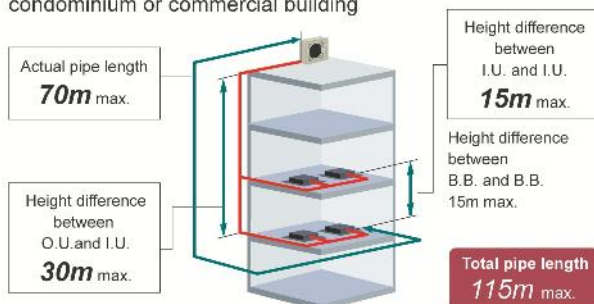
Flexible Design & Easy Installation

Long Piping Design

Up to 8 indoor units can be connected to one outdoor unit.
A maximum of 130% indoor unit connectable capacity.
Match any room layout

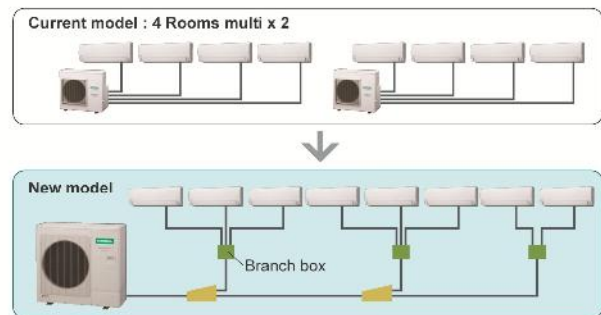


Can be installed in high rise condominium or commercial building



Flexible piping connection

- Corresponding to diverse installation environments by use of branch connection system
- All connections are brazing connections so that work time can be shortened substantially



Branch Box

Branch box has an electronic expansion valve build-in, so it can control the refrigerant flow to each indoor unit.
Can be connected by brazing connection and both ceiling suspension and wall mounting installation are available.

3 zones type



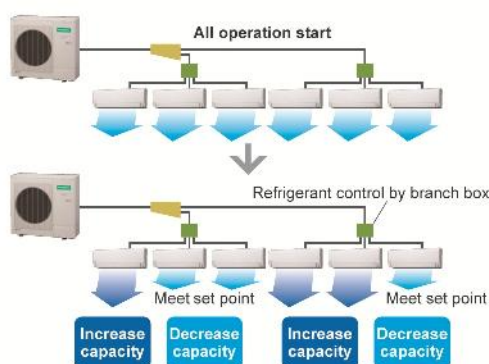
2 zones type



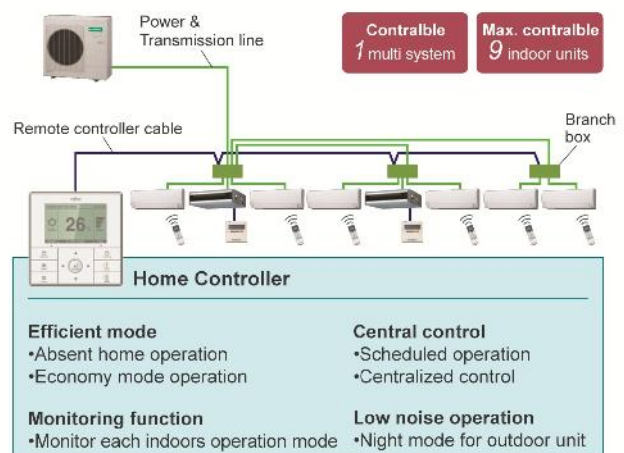
More Comfort & Convenient

Quick comfort by optimized refrigerant control

Every room meet set point most quickly and comfortably by optimized refrigerant control.



Home controller allows individual and central control



Note: Home controller is not available for Single split and VRF system.

INVERTER

8 Rooms Multi (Future Release)

Connectable Indoor unit lineup

Indoor unit	7,000BTU 2.1kW	9,000BTU 2.5kW	12,000BTU 3.5kW	18,000BTU 5.0kW	24,000BTU 7.1kW	Controller
Compact Wall Mounted	 ASHG07LAC	 ASHG09LAC	 ASHG12LAC			 Wireless Remote control
Wall Mounted				 ASHG18LAC	 ASHG24LAC	
Compact Cassette		 AUHG09LAL	 AUHG12LAL	 AUHG18LAL		
Floor		 AGHG09LAC	 AGHG12LAC			 Wired Remote control
Slim Duct NEW		 ARHG09LATU	 ARHG12LATU	 ARHG18LATU	 ARHG24LATU	

Slim Duct **NEW**

- Slim design with drain pump
- Increase static pressure range
- Dual concealed type



ARHG09LATU **NEW**

ARHG12LATU **NEW**

ARHG18LATU **NEW**

ARHG24LATU **NEW**

Slim design



Drain pump is standard accessory

It allows flexible installation.

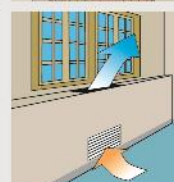


Flexible installation

Ceiling concealed



Floor concealed



High static pressure range

Powerful model with a flexible design

ARHG09/12/18LATU **0 to 90 Pa**

(ARHG24LATU : 0 to 50Pa)

Optional parts

Remote Sensor Unit: UTD-RS100

IR Receiver Unit: UTY-LRHYM

Specifications

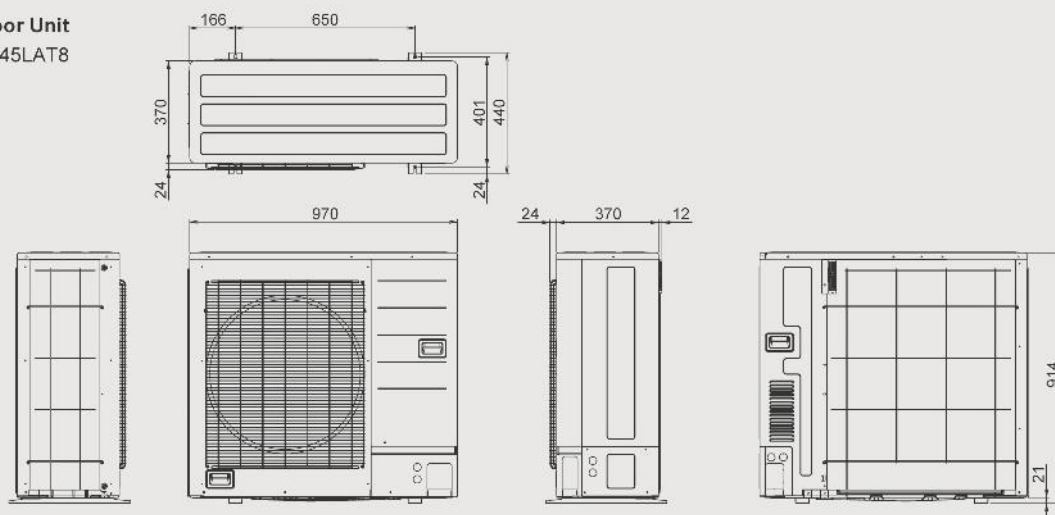
Model name			AOHA45LAT8
Maximum Connectable Indoor Unit			8
Indoor unit connectable capacity	Cooling	kW	11.2 to 18.2
Power source			V/ Ø/Hz
Capacity			230/1/50
Cooling	Cooling	kW	14.0
	Heating	kW	16.0
Input power	Cooling	kW	*
	Heating	kW	*
EER	Cooling	W/W	*
COP	Heating	W/W	*
Air flow rate	High	m ³ /h	*
Sound pressure level	Cooling	dB(A)	*
Heat exchanger fin			Plate fin coil
Net Dimensions H x W x D		mm	914 x 970 x 370
Weight		kg(lbs)	98 (217)
Piping Connections (Small / Large)		mm	9.52/15.88
Max Pipe Length		m	115 (Total)
Max Height Difference (O.U ~ I.U)		m	30
Operation range	Cooling	°CDB	-5 to 46
	Heating	°CDB	-15 to 24
Refrigerant			R410A

* Data were not available at time of production.

Dimensions

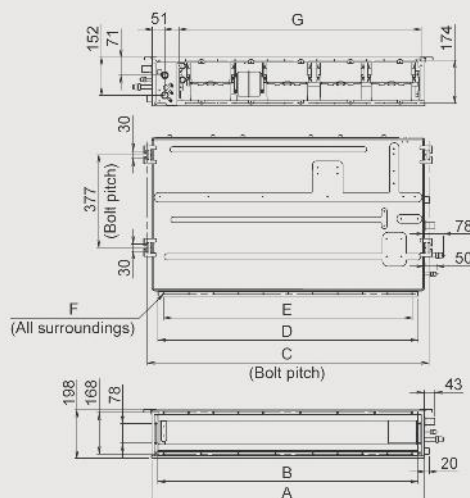
(Unit : mm)

Outdoor Unit AOHA45LAT8

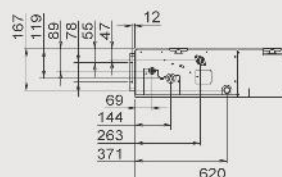


Slim Duct

ARHG09LATU
ARHG12LATU
ARHG18LATU
ARHG24LATU



	ARHG09/12LATU	ARHG18LATU	ARHG24LATU
A	700	900	1100
B	650	850	1050
C	734	934	1134
D	650	850	1050
E	P100x6=600	P100x8=800	P100x10=1000
F	18xØ5	22xØ5	26xØ5
G	574	774	974



Creating top-class Products with Better Energy Saving and Comfort.

Creating top-class products that exceed the energy saving standards of a variety of areas by expanding the range of models incorporating new refrigerant and inverter technology to create our original energy saving technology that achieves both energy saving and comfort.



V-PAM

V-PAM technology makes the compressor more powerful.

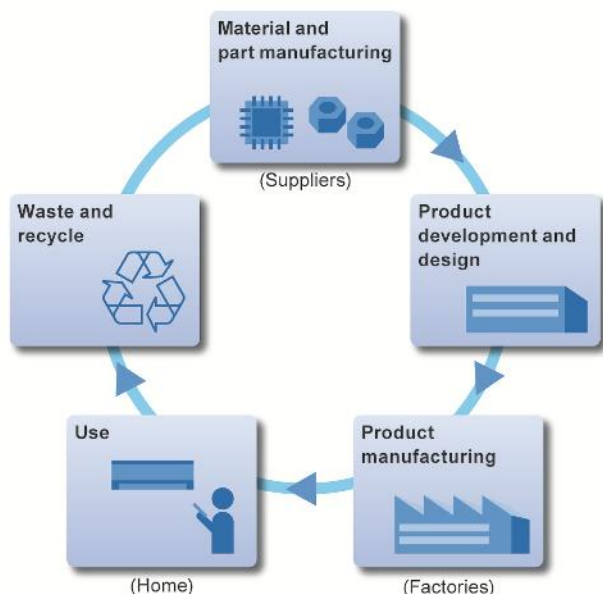


Automatic filter cleaning air conditioner



Harmony between Global Environmental Protection and Company Activities

The Fujitsu General Group strives for business activities that achieve harmony between contributing to protecting the global environment and company activities while making environmental protection activities an important issue in company management. The Fujitsu General Group is working to improve its environmental friendliness by building an environmental management system (EMS); taking environmental protection measures throughout the product lifecycle of materials procurement, product development and design, manufacturing, and recycling; and by taking the environment into consideration during business activities such as by saving energy and resources and reducing waste.



High-quality Development Environment

The Headquarters-Kawasaki R&D Center is equipped with a wide range of testing equipment envisioning a variety of operating conditions. This includes a testing tower with a 60m height difference for simulating use of multi air conditioning system for buildings. We create new products that exceed strict development and quality standards to meet the needs of the next generation as well as the requirements of today's market.



Kawasaki R&D Center and 60m height difference testing tower



NIA LIMITED
Union House - 701
P.O.Box 13616, Dubai
U.A.E
Tel: (9714) 295-2080
Fax: (714) 295-3080



شرکت تهویه نیا

NIA AIR CONDITIONING CO.

Exclusive Representative of General, Gree,
Hitachi, Kuken, Uniflair, Viessmann & Yazaki
Nia Building , No. 262 , Past Southern Naft St.
Mirdamad Blvd. , Tehran , Iran
Tel. : +9821 2222 7000 / +9821 2222 4065
Fax : +9821 2222 3313

نماینده انحصاری محصولات:

اجنرال، گری، هیناجی، کوکن، یونیفلر، ویزمن و یازاکی
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تلفن: ۰۲۱ ۲۲۲۲ ۷۰۰۰ / فکس: ۰۲۱ ۲۲۲۲ ۴۰۶۵ / ۰۲۱ ۲۲۲۲ ۳۳۱۳

Nia Customer Services :

Nia Building , No. 262 , Past Southern Naft St.
Mirdamad Blvd. , Tehran , Iran
Tel. : +9821 23 22 / Fax : +9821 2222 3313

خدمات پس از فروش نیا

تهران، بلوار میرداماد، بعد از خیابان نفت جنوبی، پلاک ۲۶۲، ساختمان نیا
خط ویژه: ۰۲۱ ۲۲۲۲ ۳۳۱۳ / فکس: ۰۲۱ ۲۲۲۲ ۳۳۱۳

Branches :

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Tel. : 0511 848 54 50 / Fax : 0511 848 54 60

Queshm - Nia Trade Center : in front of Melli Bank
First of the martyr Montazeri St. , Pasdaran Sq.
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Notice for specifications

I.U.=Indoor Unit O.U.=Outdoor Unit Qu=Quiet * =Not decided yet
•Specifications and design subject to change without notice for further improvement.
Please check with your dealer.
•Cooling/Heating capacities are based on the following conditions.

Cooling	Indoor temp. : 27°C DB/19°C WB Outdoor temp. : 35°C DB/24°C WB	Heating	Indoor temp. : 20°C DB/15°C WB Outdoor temp. : 7°C DB/6°C WB
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