

AircoHeater

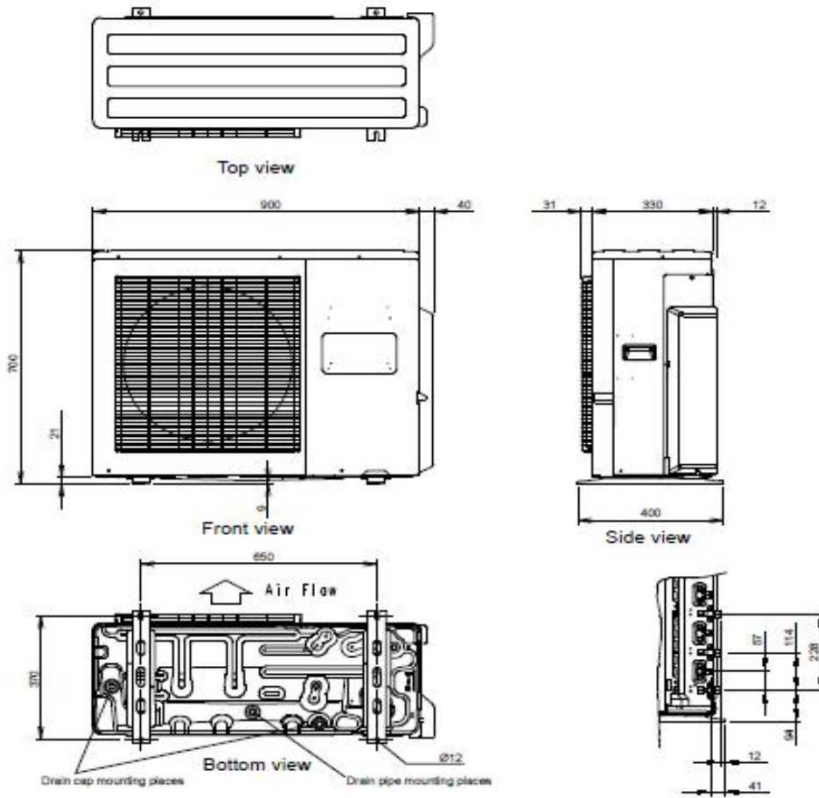


SCOP		<b>A+ / A++</b>			SEER	
Buitenunit	Type	<b>MSAO24RIY3</b>			Type	Unité extérieure
	Fabriekscode	AOHG24LAT3			Fabriekscode	
Koelmiddel		R410A				Réfrigérant
Verwarming (*)	Vermogen (+7°C)	kW	8,0 (2,0~8,8)	kW	Puissance (+7°C)	Chauffage (*)
	Electr.verm. (+7°C)	kW	2.00	kW	Puiss. absorb.nom (+7°C)	
	COP (+7°C) / SCOP(°)		4,0/ 4,2 (°)		COP (+7°C) / SCOP (°)	
	Vermogen (+2°C)	kW	2.80	kW	Puissance (+2°C)	
	Electr.verm. (+2°C)	kW	0.64	kW	Puiss. absorb. (+2°C)	
	COP (+2°C)		4.37		COP (+2°C)	
	verm. max. bij -5°/-10°/-15°C	kW	6,67-5,89-5,06	kW	puiss. max. à -5°/-10°/-15°C	
Koeling (*)	Vermogen	kW	6,8 (1,8~7,8)	kW	Puissance	Refruid. (*)
	Electr.verm.	kW	1.94	kW	Puiss. absorb.nom	
	EER / SEER (°)		3,5 / 6,4 (°)		EER / SEER (°)	
Pdesign	Verw. (Av.)(-10°C) / koelen	kW	5,2/6,8	kW	Chauff. (Av.)(-10°C) / refroid.	Pdesign
Jaarverbruik	Verw. (Av.) / koelen	kWh/jaar	1730/372	kWh/jaar	Chauff. (Av.) / refroid.	Consom. Annuel
Buitendeel	Geluidsdruk (1m)	dB(A)	46	dB(A)	Niv. son. press. (1m)	Unité extérieure
	Geluidsvermogen	dB(A)	68	dB(A)	Niv. son. puis.	
	Debiet	m³/h	3300	m³/h	Débit	
	Compressor		DC Rotary		Compresseur	
	Werkingslim. verwarmen	°C	-15~24	°C	Plage de fonct. chauff.	
	Werkingslim. koelen	°C	-10~46	°C	Plage de fonct. refroid..	
	Hoogte-breedte-lengte	mm	700/900/330	mm	Hauteur/largeur/profond.	
Gewicht	kg	55	kg	Poids		
Elektr.install.	Voeding	V	230V/1F	V	Alimentation	Install. électr.
	Stroom max. verw./koel.	A	12,5/12,5	A	Amp. max chauff. / refroid.	
	Zekering traag	A	16	A	Fusible retardé	
	Hoofdvoeding aanbr.op		Buiten/Ext.		Unité à alimenter	
	Sectie voedingskabel	mm²	3G2,5	mm²	Section câble alimentation	
	Sectie tssn bi en bu	mm²	4G1,5	mm²	Section entre int. et ext.	
Tech.install.	Expansie		Ext.		Détente	Install. Techn.
	Zuigleiding A	Inch	1/2 (3/8)	Inch	diamètre gaz A	
	Zuigleiding B		3/8		diamètre gaz B	
	Zuigleiding C		3/8		diamètre gaz C	
	Zuigleiding D				diamètre gaz D	
	Vloeistofleiding A		1/4		diamètre liquide A	
	Vloeistofleiding B		1/4		diamètre liquide B	
	Vloeistofleiding C		1:4		diamètre liquide C	
	Vloeistofleiding D				diamètre liquide D	
	Standaardvulling-afstand	kg-m	2,20 -30	kg-m	Charge standard-distance	
	Bijvulling extra	g/m	20	g/m	Charge supplémentaire	
	Min Leidinglengte per bi. (min tot	m	5 (15)		Longueur min par ui (min totale)	
	Max Leidinglengte per bi. (max totaal)		25 (50)		Longueur max par ui (max totale)	
	Max hoogteverschil tussen bu/bi	m	15	m	Longueur min / max	
Max hoogteverschil tussen bi/bi	m	10	m	Dénivelé max		

(\*) gegevens volgens de norm EN14511

(°) SCOP & SEER based on (EU)626/2011

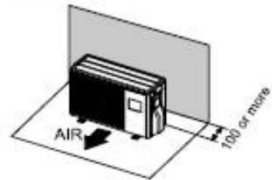
(\*) suivant la norme EN14511



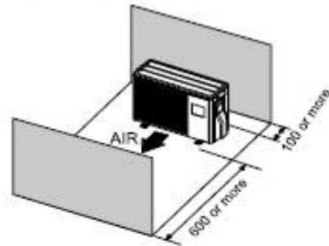
Montage

Montage

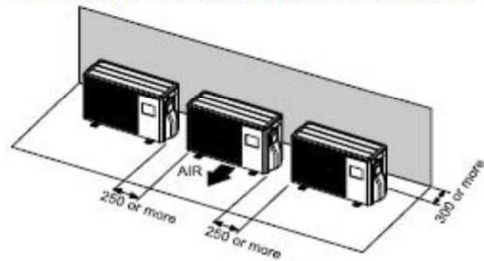
When there are obstacles at the back side.



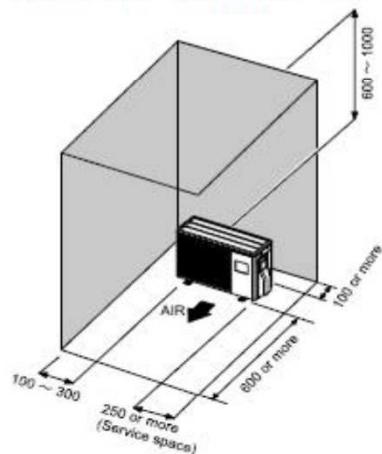
When there are obstacles at the back or front sides.



When there are obstacles at the back, side(s), and top.



When there are obstacles at the back, side with the installation of more than one unit.



\*If the space is larger that is stated, the condition will be the same as that are no obstacles.

**● Cooling**

	Combination of indoor unit			COOLING OPERATION								
				Cooling Capacity				Input Power (min-max)	EER	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SEER	Energy Efficiency Class
				KW	KW	KW	KW	KW				
2 Room	7	7	-	2.30	2.30	-	4.60 ( 1.8 - 5.0 )	1.20 ( 0.50 - 1.40 )	3.83	4.6	6.3	A++
	7	9	-	2.30	2.70	-	5.00 ( 1.8 - 5.7 )	1.36 ( 0.50 - 1.78 )	3.68	5.0	6.2	A++
	7	12	-	2.38	3.42	-	5.80 ( 1.8 - 6.1 )	1.70 ( 0.50 - 1.97 )	3.41	5.8	6.1	A++
	7	14	-	2.37	4.13	-	6.50 ( 1.8 - 7.2 )	1.91 ( 0.50 - 2.46 )	3.40	6.5	6.0	A+
	7	18	-	2.08	4.52	-	6.60 ( 1.8 - 7.8 )	1.91 ( 0.50 - 2.87 )	3.46	6.6	5.9	A+
	9	9	-	2.75	2.75	-	5.50 ( 1.8 - 6.2 )	1.55 ( 0.50 - 2.02 )	3.55	5.5	6.1	A++
	9	12	-	2.79	3.41	-	6.20 ( 1.8 - 6.8 )	1.90 ( 0.50 - 2.45 )	3.26	6.2	5.9	A+
	9	14	-	2.66	3.94	-	6.60 ( 1.8 - 7.7 )	1.91 ( 0.50 - 2.77 )	3.46	6.6	6.0	A+
	9	18	-	2.35	4.35	-	6.70 ( 1.8 - 7.9 )	1.91 ( 0.50 - 2.87 )	3.51	6.7	5.9	A+
	12	12	-	3.15	3.15	-	6.30 ( 1.8 - 7.2 )	1.90 ( 0.50 - 2.74 )	3.32	6.3	5.9	A+
	12	14	-	3.03	3.67	-	6.70 ( 1.8 - 7.8 )	1.91 ( 0.50 - 2.87 )	3.51	6.7	5.9	A+
	12	18	-	2.66	4.04	-	6.70 ( 1.8 - 7.9 )	1.92 ( 0.50 - 2.87 )	3.49	6.7	5.8	A+
3 Room	7	7	7	2.23	2.23	2.23	6.70 ( 1.8 - 7.4 )	1.89 ( 0.50 - 2.37 )	3.54	6.7	6.4	A++
	7	7	9	2.14	2.14	2.52	6.80 ( 1.8 - 7.8 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.4	A++
	7	7	12	1.98	1.98	2.84	6.80 ( 1.8 - 8.1 )	1.93 ( 0.50 - 2.87 )	3.52	6.8	6.3	A++
	7	7	14	1.82	1.82	3.16	6.80 ( 2.0 - 8.4 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.2	A++
	7	7	18	1.63	1.63	3.54	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.1	A++
	7	9	9	2.03	2.38	2.38	6.80 ( 1.8 - 8.2 )	1.93 ( 0.50 - 2.87 )	3.52	6.8	6.4	A++
	7	9	12	1.88	2.21	2.70	6.80 ( 1.8 - 8.2 )	1.93 ( 0.50 - 2.87 )	3.52	6.8	6.2	A++
	7	9	14	1.74	2.04	3.02	6.80 ( 2.0 - 8.4 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.2	A++
	7	9	18	1.56	1.84	3.40	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.1	A++
	7	12	12	1.76	2.52	2.52	6.80 ( 1.8 - 8.2 )	1.94 ( 0.50 - 2.87 )	3.51	6.8	6.2	A++
	7	12	14	1.63	2.34	2.83	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.2	A++
	9	9	9	2.27	2.27	2.27	6.80 ( 1.8 - 8.2 )	1.94 ( 0.50 - 2.87 )	3.51	6.8	6.4	A++
	9	9	12	2.11	2.11	2.58	6.80 ( 1.8 - 8.3 )	1.94 ( 0.50 - 2.87 )	3.51	6.8	6.2	A++
	9	9	14	1.95	1.95	2.89	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.2	A++
	9	9	18*1	1.77	1.77	3.27	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.1	A++
	9	12	12	1.97	2.41	2.41	6.80 ( 1.8 - 8.3 )	1.94 ( 0.50 - 2.87 )	3.51	6.8	6.2	A++
	9	12	14	1.84	2.24	2.72	6.80 ( 2.0 - 8.5 )	1.94 ( 0.60 - 2.87 )	3.51	6.8	6.2	A++
	12	12	12	2.27	2.27	2.27	6.80 ( 1.8 - 8.3 )	1.94 ( 0.50 - 2.87 )	3.51	6.8	6.1	A++

● Heating

	Combination of indoor unit			HEATING OPERATION								
				Heating Capacity				Input Power (min-max)	COP	Seasonal Data		
				Room 1	Room 2	Room 3	Total Capacity (min-max)			Pdesign	SCOP	Energy Efficiency Class
				KW	KW	KW	KW	KW				
2 Room	7	7	-	2.75	2.75	-	5.50 (2.0 - 6.1)	1.55 (0.52 - 1.93)	3.55	4.0	4.1	A+
	7	9	-	2.80	3.30	-	6.10 (2.0 - 7.0)	1.82 (0.52 - 2.52)	3.35	4.0	4.1	A+
	7	12	-	2.88	4.12	-	7.00 (2.0 - 7.3)	2.31 (0.52 - 2.66)	3.03	4.0	4.1	A+
	7	14	-	2.80	4.80	-	7.60 (2.0 - 8.3)	2.28 (0.50 - 2.87)	3.33	4.0	4.1	A+
	7	18	-	2.51	5.39	-	7.90 (2.0 - 8.3)	2.34 (0.50 - 2.87)	3.38	4.0	4.1	A+
	9	9	-	3.30	3.30	-	6.60 (2.0 - 7.4)	2.04 (0.52 - 2.68)	3.24	4.0	4.1	A+
	9	12	-	3.30	4.00	-	7.30 (2.0 - 7.7)	2.43 (0.52 - 2.87)	3.00	4.0	4.1	A+
	9	14	-	3.22	4.68	-	7.90 (2.0 - 8.3)	2.38 (0.50 - 2.87)	3.32	4.0	4.1	A+
	9	18	-	2.84	5.16	-	8.00 (2.0 - 8.5)	2.32 (0.50 - 2.87)	3.45	4.0	4.1	A+
	12	12	-	3.80	3.80	-	7.60 (2.0 - 7.8)	2.54 (0.52 - 2.87)	2.99	4.0	4.1	A+
	12	14	-	3.59	4.31	-	7.90 (2.0 - 8.4)	2.37 (0.50 - 2.87)	3.33	4.0	4.1	A+
	12	18	-	3.20	4.80	-	8.00 (2.0 - 8.6)	2.31 (0.50 - 2.87)	3.46	4.0	4.1	A+
3 Room	7	7	7	2.60	2.60	2.60	7.80 (2.0 - 8.6)	1.94 (0.50 - 2.68)	4.02	5.0	4.3	A+
	7	7	9	2.52	2.52	2.98	8.00 (2.0 - 8.8)	2.00 (0.50 - 2.87)	4.00	5.2	4.2	A+
	7	7	12	2.34	2.34	3.32	8.00 (2.0 - 8.9)	1.99 (0.50 - 2.80)	4.02	5.2	4.2	A+
	7	7	14	2.16	2.16	3.68	8.00 (2.0 - 9.2)	1.91 (0.50 - 2.72)	4.19	5.2	4.2	A+
	7	7	18	1.94	1.94	4.12	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.70)	4.23	5.2	4.2	A+
	7	9	9	2.38	2.81	2.81	8.00 (2.0 - 9.0)	1.99 (0.50 - 2.87)	4.02	5.2	4.2	A+
	7	9	12	2.23	2.62	3.15	8.00 (2.0 - 9.1)	1.98 (0.50 - 2.87)	4.04	5.2	4.2	A+
	7	9	14	2.06	2.42	3.52	8.00 (2.0 - 9.2)	1.91 (0.50 - 2.72)	4.19	5.2	4.2	A+
	7	9	18	1.85	2.18	3.97	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.69)	4.23	5.2	4.2	A+
	7	12	12	2.08	2.96	2.96	8.00 (2.0 - 9.1)	1.97 (0.50 - 2.87)	4.06	5.2	4.2	A+
	7	12	14	1.93	2.76	3.31	8.00 (2.0 - 9.2)	1.90 (0.50 - 2.70)	4.21	5.2	4.2	A+
	9	9	9	2.67	2.67	2.67	8.00 (2.0 - 9.1)	1.98 (0.50 - 2.87)	4.04	5.2	4.2	A+
	9	9	12	2.49	2.49	3.02	8.00 (2.0 - 9.2)	1.97 (0.50 - 2.87)	4.06	5.2	4.2	A+
	9	9	14	2.32	2.32	3.37	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.70)	4.23	5.2	4.2	A+
	9	9	18*1	2.10	2.10	3.81	8.00 (2.0 - 9.2)	1.87 (0.50 - 2.68)	4.28	5.2	4.2	A+
	9	12	12	2.34	2.83	2.83	8.00 (2.0 - 9.2)	1.96 (0.50 - 2.80)	4.08	5.2	4.2	A+
	9	12	14	2.18	2.64	3.17	8.00 (2.0 - 9.2)	1.89 (0.50 - 2.69)	4.23	5.2	4.2	A+
	12	12	12	2.67	2.67	2.67	8.00 (2.0 - 9.2)	1.95 (0.50 - 2.78)	4.10	5.2	4.2	A+