



2-unit: AOYG14LAC2 / AOYG18LAC2

3-unit: AOYG18LAT3 / AOYG24LAT3

4-unit: AOYG30LAT4

Specifications (2-unit, 3-unit, 4-unit)

Model No.			AOYG14LAC2	AOYG18LAC2	AOYG18LAT3	AOYG24LAT3	AOYG30LAT4
Power Source			Single phase, ~230V, 50Hz				
Nominal Capacity (min-max)	Cooling	kW	4.0 (1.4-4.4)	5.0 (1.7-5.6)	5.4 (1.8-6.8)	6.8 (1.8-8.5)	8.0 (3.5-10.1)
	Heating		4.4 (1.1-5.4)	5.6 (1.8-6.1)	6.8 (2.0-8.0)	8.0 (2.0-9.2)	9.6 (3.7-12.0)
Power Consumption	Cooling/Heating	kW	1.09/1.03	1.56/1.41	1.35/1.62	1.94/2.00	2.22/2.40
EER	Cooling	W/W	3.67	3.21	4.00	3.51	3.60
COP	Heating		4.27	3.97	4.20	4.00	4.00
Pdesign	Cooling/Heating(-10°C)	kW	4.00/3.80	5.00/4.20	5.40/5.00	6.80/5.20	8.00/6.20
SEER	Cooling	W/W	6.70	6.60	6.90	6.40	6.20
SCOP	Heating (Average)		4.10	4.10	4.30	4.20	4.00
Energy Efficiency Class	Cooling		A++	A++	A++	A++	A++
	Heating (Average)		A+	A+	A+	A+	A+
Annual Energy Consumption	Cooling	kWh/a	209	265	274	372	451
	Heating		1296	1434	1627	1730	2169
Sound Pressure Level (High)	Cooling	dB(A)	47	50	48	48	50
	Heating		49	51	49	49	51
Sound Power Level (High)	Cooling		61	63	65	68	68
	Heating		63	64	67	70	70
Airflow Rate	Cooling/Heating	m ³ /h	1,850/1,850	2,050/2,050	3,050/2,750	3,300/3,300	3,500/3,300
Net Dimensions H × W × D		mm	540×790×290	540×790×290	700×900×330	700×900×330	830×900×330
Weight		kg(lbs)	37 (82)	38 (84)	55 (121)	55 (121)	68 (150)
Interconnecting Cable (Suggested cable size 1.5mm)			3 Core + Earth				
Suggested MCB Size		Amp	16	16	16	16	20
Max. Operating Current	Cooling/Heating	Amp	5.12/4.91	6.90/6.30	5.90/7.10	8.50/8.80	9.70/10.50
Starting Current		Amp	4.90	6.30	7.10	8.80	10.50
Power Supply To			Outdoor				
Connection Pipe Diameter	Gas	Inch	3/8 × 2	3/8 × 2	3/8 x2 & 1/2 x1	3/8 x2 & 1/2 x1	3/8 x2 & 1/2 x2
	Liquid		1/4 × 2	1/4 × 2	1/4 × 3	1/4 × 3	1/4 × 4
Max. Pipe Length		Total / Each	30 / 20	30 / 20	50 / 25	50 / 25	70 / 25
Max. Height Difference	Between Outdoor Unit and Each Indoor Units.	m	15	15	15	15	15
	Between Indoor Units.		10	10	10	10	10
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Charge	g	1,250	1,300	2,200	2,200	3,300
	Additional Charge	g/m	10	20	20	20	25
Operation Range	Cooling	°CDB	10 to 46	10 to 46	-10 to 46	-10 to 46	0 to 46
	Heating		-15 to 24	-15 to 24	-15 to 24	-15 to 24	-10 to 24