

## INVERTER

AIR CONDITIONER  
MULTI SPLIT TYPE

SPECIFICATIONS MANUAL  
LEISTUNGSVERZEICHNIS  
MANUEL DES SPÉCIFICATIONS  
MANUAL DE ESPECIFICACIONES  
MANUALE DEI DATI TECNICI  
ΕΓΧΕΙΡΙΔΙΟ ΠΡΟΔΙΑΓΡΑΦΩΝ  
MANUAL DE ESPECIFICAÇÕES  
ТЕХНИЧЕСКИЕ СПЕЦИФИКАЦИИ  
ÖZELLİKLER KILAVUZU

### INDOOR UNIT

ASH7LMACW	ARH9LUAB	AUH12LBAB	ABH14LBAJ
ASH9LMACW	ARH12LUAD	AUH14LBAB	ABH18LBAJ
ASH12LMACW	ARH14LUAD	AUH18LBAB	ABH24LBAJ
ASHA07LACM	ARH18LUAD		
ASHA09LACM	ARH22LUAD		
ASHA12LACM	ARH9LUAP		
ASHA14LACM	ARH12LUAL		
ASHA18LACM	ARH14LUAL		
ASH18LBAJ	ARH18LUAL		
ASH24LBAJ	ARH22LUAL		

### OUTDOOR UNIT

AOHA18LAT3  
AOHA24LAT3  
AOH30LMAW4

KEEP THIS MANUAL FOR FUTURE REFERENCE  
DIESE ANLEITUNG BITTE SORGFÄLTIG AUFBEWAHREN  
CONSERVEZ CE MODE D'EMPLOI AFIN DE POUVOIR VOUS Y RÉFÉRER ULTÉRIEUREMENT  
GUARDE ESTE MANUAL PARA PODERLO CONSULTAR EN EL FUTURO  
CONSERVARE QUESTO MANUALE PER OGNI EVENTUALE FUTURO RIFERIMENTO  
ΚΡΑΤΗΣΤΕ ΤΟ ΕΓΧΕΙΡΙΔΙΟ ΓΙΑ ΜΕΛΛΟΝΤΙΚΗ ΑΝΑΦΟΡΑ  
GUARDE ESTE MANUAL PARA CONSULTA POSTERIOR  
СОХРАНИТЕ НАСТОЯЩЕЕ РУКОВОДСТВО ДЛЯ БУДУЩИХ ССЫЛОК  
BU KILAVUZU, DAHA SONRA BAŞVURMAK ÜZERE SAKLAYIN

# SPECIFICATIONS

INDOOR UNIT	Model Type	WALL MOUNTED					CASSETTE			
	Model No.	ASH7LMACW	ASH9LMACW	ASH12LMACW	ASH18LBAJ	ASH24LBAJ	AUH12LBAB	AUH14LBAB	AUH18LBAB	
Cooling Capacity	[kW]	2.3	2.7	3.5	5.2	6.8	3.5	4.0	4.3	
	[BTU]	7,900	9,200	11,900	17,800	23,200	11,900	13,700	14,700	
Heating Capacity	[kW]	2.7	3.3	3.8	6.0	8.2	3.8	4.3	5.0	
	[BTU]	9,200	11,300	13,000	20,500	28,000	13,000	14,700	17,100	
Noise Level (FAN)	High	[dB]	34	36	38	43	47	42	44	
	Low	[dB]	29	29	33	32	32	36	36	
Dimensions	H × W × D	[mm]	257 × 808 × 187			320 × 1,120 × 220		235 × 580 × 580 + 70 (GRILL : 35 × 650 × 650)		
Net Weight	[kg]	8			16		18 (GRILL : 2.2)			
Air Flow Rate	High	[m <sup>3</sup> /h]	430	480	530	950	1,050	550	550	600
Pipe connections	Type	FLARE					FLARE			
	Liquid Side	[mm (in.)]	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	[mm (in.)]	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	15.88 (5/8)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)

INDOOR UNIT	Model Type	WALL MOUNTED					
	Model No.	ASHA07LACM	ASHA09LACM	ASHA12LACM	ASHA14LACM	ASHA18LACM	
Cooling Capacity	[kW]	2.3	2.7	3.5	4.2	5.0	
	[BTU]	7,900	9,200	11,900	14,300	17,100	
Heating Capacity	[kW]	2.7	3.3	4.0	4.8	6.0	
	[BTU]	9,200	11,300	13,700	16,400	20,500	
Noise Level (FAN)	High	[dB]	35	38	39	45	
	Low	[dB]	21	22	23	26	
Dimensions	H × W × D	[mm]	275 × 790 × 215				
Net Weight	[kg]	9					
Air Flow Rate	High	[m <sup>3</sup> /h]	500	550	580	700	700
Pipe connections	Type	FLARE					
	Liquid Side	[mm (in.)]	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Side	[mm (in.)]	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)

INDOOR UNIT	Model Type	DUCT					FLOOR CONSOLE/UNDER CEILING			
	Model No.	ARH9LUAB ARH9LUAP	ARH12LUAD ARH12LUAL	ARH14LUAD ARH14LUAL	ARH18LUAD ARH18LUAL	ARH22LUAD ARH22LUAL	ABH14LBAJ	ABH18LBAJ	ABH24LBAJ	
Cooling Capacity	[kW]	2.7	3.5	4.2	5.2	6.3	4.2	5.2	6.8	
	[BTU]	9,200	11,900	14,300	17,800	21,500	14,300	17,800	23,200	
Heating Capacity	[kW]	3.3	3.8	4.8	6.0	7.5	4.8	6.0	8.2	
	[BTU]	11,300	13,000	16,400	20,500	25,600	16,400	20,500	28,000	
Noise Level (FAN)	High	[dB]	39	33	40	41	46	36	43	
	Low	[dB]	34	27	30	30	33	29	35	
Dimensions	H × W × D	[mm]	217 × 663 × 595		217 × 953 × 595		199 × 990 × 655			
Net Weight	[kg]	18	25		26		27	28		
Air Flow Rate	High	[m <sup>3</sup> /h]	450	600	800	800	1,040	640	780	880
Pipe connections	Type	FLARE					FLARE			
	Liquid Side	[mm (in.)]	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)	
	Gas Side	[mm (in.)]	9.52 (3/8)	9.52 (3/8)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	15.88 (5/8)	

- Acoustic Noise Information: The maximum sound pressure level is less than 70 dB (A) for both indoor unit and outdoor unit. According to IEC 704-1 and ISO 3744.
- If the air conditioner is operated under higher temperature conditions than those listed, the built-in protection circuit may operate to prevent internal circuit damage. Also, during Cooling and Dry modes, if the unit is used under conditions of lower temperatures than those listed above, the heat-exchanger may freeze, leading to water leakage and other damage.
- Do not use this unit for any purposes other than the Cooling, Heating, Dehumidifying, and air-circulation of rooms in ordinary dwellings.
- An outdoor unit's fan may switch to High/Low Speed or shut off depending on the outdoor temperature and on whether an indoor unit is operating.
- If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath. (About 80% or more)

OUTDOOR UNIT		AOHA18LAT3		AOHA24LAT3		AOH30LMAW4	
Indoor Units*		ASHA14LACM + ASHA07LACM + ASHA07LACM		ASHA14LACM + ASHA09LACM + ASHA09LACM		ASHA09LACM + ASHA09LACM + ASHA09LACM + ASHA09LACM	
Combined I.U/O.U Total Capacity		4.10 - 8.8		4.10 - 10.6		7.90 - 14.3	
		[kW]					
		[BTU]		14,000 - 30,000		14,000 - 36,000	
Operating Mode		Cooling	Heating	Cooling	Heating	Cooling	Heating
Power Supply		1 $\phi$ 230V ~ 50Hz		1 $\phi$ 230V ~ 50Hz		1 $\phi$ 230V ~ 50Hz	
Rated (MAX.)	Capacity	5.4 (6.8) 6.8 (8.0)		6.8 (8.5) 8.0 (9.2)		8.0 (10.1) 9.6 (12.0)	
		[kW]					
		[BTU]		18,400 (23,200) 23,200 (27,300)		23,200 (29,000) 27,300 (31,400)	
	Running Current	[A]		5.9 (9.0) 7.1 (9.0)		8.5 (12.5) 8.8 (12.5)	
	Power Input	[W]		1.35 (2.06) 1.62 (2.06)		1.94 (2.87) 2.00 (2.87)	
E.E.R (C.O.P)	4.00 4.20		3.51 4.00		2.22 (3.58) 2.40 (3.58)		
Starting Current	[A]	15		15		15	
Noise Level	[dB]	46	47	48	49	49	50
Dimensions	[mm]	700 $\times$ 900 $\times$ 330		700 $\times$ 900 $\times$ 330		835 $\times$ 900 $\times$ 330	
Net Weight	[kg]	55		55		68	
Compressor	Type	DC Twin Rotary		DC Twin Rotary		DC Twin Rotary	
	Motor Output	[W]		1,100		1,300	
Piping Connections		FLARE		FLARE		FLARE	
Maximum Pipe Length (Each Unit)	[m]	25		25		25	
Maximum Pipe Length (Total Unit)	[m]	50		50		70	
Maximum Height Difference between Outdoor Unit and each Indoor Unit	[m]	15		15		10	
Maximum Height Difference between Indoor Units	[m]	10		10		10	
Refrigerant (R410A)	[g]	2,200		2,200		3,300	
OPERATING TEMPERATURE RANGE		Cooling	Heating	Cooling	Heating	Cooling	Heating
OUTDOOR TEMPERATURE	[°C]	-10 - 46	-15 - 24	-10 - 46	-15 - 24	0 - 46	-10 - 24
INDOOR TEMPERATURE	[°C]	18 - 32	30 or less	18 - 32	30 or less	18 - 32	30 or less

\*For other combination, refer to the TECHNICAL MANUAL.