

1. Specifications

Type				Wall mounted			
				Inverter, Heat pump			
Model name				ASYG07KGTF	ASYG09KGTF	ASYG12KGTF	ASYG14KGTF
Power supply				230 V~ 50 Hz			
Power supply intake				Outdoor unit			
Available voltage range				198—264 V			
Capacity	Cooling	Rated	kW	2.0	2.5	3.4	4.2
		Min.—Max.	Btu/h	6,800	8,500	11,600	14,300
			kW	0.9—3.2	0.9—3.4	0.9—4.1	0.9—4.5
	Heating		Btu/h	3,100—10,900	3,100—11,600	3,100—14,000	3,100—15,400
		kW	2.5	2.8	4.0	5.4	
		Min.—Max.	Btu/h	8,500	9,500	13,600	18,400
kW	0.9—5.2		0.9—5.4	0.9—6.1	0.9—6.4		
Btu/h	3,100—17,700		3,100—18,400	3,100—20,800	3,100—21,800		
Input power	Cooling	Rated	kW	0.400	0.555	0.805	1.175
		Min.—Max.		0.25—0.95	0.25—1.04	0.25—1.29	0.25—1.46
		Rated		0.50	0.56	0.91	1.35
	Heating	Min.—Max.	0.25—1.58	0.25—1.72	0.25—1.89	0.25—2.06	
		HIGH	22.9	26.9	26.6	32.5	
		Fan	MED	W	15.8	16.9	17.3
	LOW		10.8		11.8	12.5	
	QUIET		7.6		9.0	9.1	
Current	Cooling	Rated	A	2.3	3.0	4.3	5.3
	Heating			2.8	3.5	4.8	6.4
Energy efficiency class	Cooling	A ⁺⁺			A ⁺⁺⁺		A ⁺⁺
	Heating (Average)			A ⁺⁺⁺			A ⁺
Pdesign	Cooling		kW	2.0	2.5	3.4	4.2
	Heating (Average)			2.3	2.4	2.5	4.0
SEER	Cooling		kWh/kWh	8.1	8.9	8.7	7.9
SCOP	Heating (Average)			5.3	5.2		4.5
Annual energy consumption	QCE		kWh/a	86	98	137	186
	QHE (Average)			606	645	673	1,242
EER	Cooling		kW/kW	5.00	4.50	4.22	3.57
COP	Heating			5.00		4.40	4.00
Sensible capacity	Cooling		kW	1.2	1.6	2.2	3.2
Power factor	Cooling		%	76	80	81	96
	Heating			78	70	82	92
Moisture removal			L/h (pints/h)	1.0 (1.8)	1.3 (2.3)	1.8 (3.2)	2.1 (3.7)
Maximum operating current*1	Cooling		A	6.5			9.0
	Heating	9.0			10.5		
Fan	Airflow rate	Cooling	HIGH	650	700		770
			MED	540	560		600
			LOW	430			450
			QUIET	270		250	280
		Heating	HIGH	720	750	770	800
			MED	580	610	640	660
			LOW	460	470	520	
			QUIET	330		310	340
	Type × Qty			Crossflow fan × 1			
	Motor output			W	30	49	
Sound pressure level*2	Cooling		dB (A)	38	40		43
				33	34	35	36
				29			30
				19			20
	Heating			41	42		44
				35	36	38	39
				31		33	
				21		24	
Sound power level	Cooling	HIGH	dB (A)	54	55	56	57
	Heating	56		57	58	59	
Heat exchanger	Dimensions (H × W × D)		mm	Main 1: 210 × 670 × 26.6 Main 2: 112 × 670 × 20.0		Main 1: 210 × 670 × 26.6 Main 2: 112 × 670 × 20.0 Sub 1: 84 × 670 × 13.3	
	Fin pitch			Main 1: 1.2 Main 2: 1.1		Main 1: 1.2 Main 2: 1.1 Sub 1: 1.4	
	Rows × Stages			Main 1: 2 × 10 Main 2: 2 × 7		Main 1: 2 × 10 Main 2: 2 × 7 Sub 1: 1 × 4	
	Pipe type			Copper tube			
	Fin type			Aluminum			
Enclosure	Material			Polystyrene			
	Color			White + Pearl white (painted) Approximate color of Munsell N9.25/			
Dimensions (H × W × D)	Net		mm	270 × 834 × 215			
	Gross			277 × 914 × 332			
Weight	Net		kg	10.0			
	Gross			12.5		13.0	
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)			
		Gas		Ø9.52 (Ø3/8)			
Drain hose	Method			Flare			
	Material			PP+HDPE			
Operation range	Tip diameter		mm	Ø13.8 (I.D.), Ø15 to Ø16.8 (O.D.)			
	Cooling			18 to 32			
		%RH		80 or less			
Remote controller	Heating		°C	16 to 30			
	Wireless (Option: Wired, Mobile app*3 [AIRSTAGE Mobile])						

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NOTES: - Specifications are based on the following conditions: - Cooling: Indoor temperature of 27°CDB/19°CWB, and outdoor temperature of 35°CDB/24°CWB. - Heating: Indoor temperature of 20°CDB/15°CWB, and outdoor temperature of 7°CDB/6°CWB. - Pipe length: 5.0 m, Height difference: 0 m. (Between outdoor unit and indoor unit.) - Protective function might work when using it outside the operation range. *1: Maximum operating current is the total current of the indoor unit and the outdoor unit. *2: Sound pressure level: - Measured values in manufacturer's anechoic chamber. - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. *3: Available on Google Play™ store or on App Store®. - This data is based on EN 14511 standard.				