

# 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		
			Btu/h	6,800	8,500	11,600	14,300		
		Min.—Max.	kW	0.9—3.2	0.9—3.4	0.9—4.1	0.9—4.5		
			Btu/h	3,100—10,900	3,100—11,600	3,100—14,000	3,100—15,400		
	Heating	Rated	kW	2.5	2.8	4.0	5.4		
			Btu/h	8,500	9,500	13,600	18,400		
		Min.—Max.	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	
	Heating	Rated	kW	0.50	0.56	0.91	1.35		
				Min.—Max.	0.25—1.58	0.25—1.72	0.25—1.89	0.25—2.06	
	Fan	HIGH	W	22.9	26.9	26.6	32.5		
				MED	15.8	16.9	17.3	19.6	
				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 <sup>++</sup>	A <sup>+++</sup>		A <sup>++</sup>			
	Heating (Average)		A <sup>+++</sup>		A <sup>+</sup>				
Pdesign	Cooling		kW	2.0	2.5	3.4	4.2		
	Heating (Average)		kW	2.3	2.4	2.5	4.0		
SEER	Cooling		kWh/kWh	8.1	8.9	8.7	7.9		
SCOP	Heating (Average)		kWh/kWh	5.3	5.2		4.5		
Annual energy consumption	QCE		kWh/a	86	98	137	186		
	QHE (Average)		kWh/a	606	645	673	1,242		
EER	Cooling		kW/kW	5.00	4.50	4.22	3.57		
COP	Heating		kW/kW	5.00		4.40	4.00		
Sensible capacity	Cooling		kW	1.2	1.6	2.2	3.2		
	Heating		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		A	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	HIGH	dB (A)	38	40		43		
				MED	33	34	35	36	
				LOW	29			30	
				QUIET	19		20		
	Heating	HIGH	dB (A)	41	42		44		
				MED	35	36	38	39	
				LOW	31			33	
				QUIET	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						
	Material		Polystyrene						
Enclosure	Color		White + Pearl white (painted) Approximate color of Munsell N9.25/						
	Dimensions (H × W × D)		mm	270 × 834 × 215		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	°C		18 to 32					
°RH		80 or less							
Remote controller	Heating		°C		16 to 30				
	Wireless (Option: Wired, Mobile app*3 [AIRSTAGE Mobile])								