

2. Specifications

Type				Duct			
				Inverter heat pump			
Model name				ARYG72LHTA	ARYG90LHTA		
Power supply				230 V ~ 50 Hz			
Available voltage range				198—264 V			
Capacity	Cooling	Rated	kW	19.0	22.0		
		Min.—Max.	Btu/h	64,800	75,000		
			kW	8.40—20.90	10.30—24.20		
	Heating	Min.—Max.	Btu/h	28,600—71,300	35,100—82,500		
			kW	22.4	27.0		
		Rated	Btu/h	76,400	92,100		
Input power	Cooling	Rated	kW	0.47	0.53		
				0.47	0.53		
	Fan	HIGH	W	580	640		
				450	470		
				320	350		
				210	250		
	Heating	Rated	A	3.2	3.5		
				3.2	3.5		
	Power factor	Cooling		%	63.9	65.8	
					63.9	65.8	
	EER	Cooling		kW/kW	2.94	2.83	
	COP	Heating			3.40	3.30	
Moisture removal			L/h (pints/h)	4.5 (7.92)	6.0 (10.56)		
Maximum operating current *1			A	4.6	6.0		
				4.6	6.0		
Fan	Airflow rate	Cooling	m ³ /h	HIGH	4,300	4,300	
				MED	3,900	3,900	
				LOW	3,450	3,450	
				QUIET	3,000	3,000	
		Heating	HIGH	4,300	4,300		
			MED	3,900	3,900		
			LOW	3,450	3,450		
			QUIET	3,000	3,000		
	Type × Q'ty			Sirocco fan × 2			
	Motor output			W	750	1,070	
Static pressure range			Pa	50 to 150 (Standard: 72)	50 to 200 (Standard: 72)		
Sound pressure level *2			dB (A)	Cooling	HIGH	46	47
					MED	43	44
					LOW	41	42
					QUIET	39	40
				Heating	HIGH	46	47
					MED	43	44
					LOW	41	42
					QUIET	39	40
Sound power level			dB (A)	79	79		
				80	80		
Heat exchanger type			mm	Dimensions (H × W × D)		546 × 1,158 × 39.9	Main: 546 × 1,158 × 39.9 Sub: (252 × 1,158 × 13.3) × 2
				Fin pitch		1.3	Main: 1.3 Sub: 1.45
				Rows × Stages		3 × 26	Main: 3 × 26 Sub: (1 × 12) × 2
				Pipe type		Copper	
				Fin type		Aluminium	
Enclosure			Material	Steel			
			Color	—			
Dimensions (H × W × D)		Net	mm	360 × 1,400 × 850			
				Gross	460 × 1,640 × 1,030		
Weight		Net	kg	69	80		
				Gross	80	91	
Connection pipe		Size	Liquid	Ø 12.70 (Ø 1/2)			
				Gas	Ø 25.40 (Ø 1)		
		Method		Brazeing			
Drain hose		Material	mm	PVC			
				Size	Ø 24.4 (I.D.), Ø 32 (O.D.) (VP25)		
Operation range		Cooling	°C	18 to 32			
			%RH	80 or less			
		Heating	°C	16 to 30			
Remote controller type				Wired			

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: 7.5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: Maximum current:
 - The maximum value when operated within the operation range.
 - The total current of indoor unit and 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.