

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)	Cooling	79	79		
				Heating	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)		mm	Net			360 × 1,400 × 850		
			Gross			460 × 1,640 × 1,030		
Weight		kg	Net		69	80		
			Gross		80	91		
Connection pipe		Liquid	mm (in)	Ø 12.70 (Ø 1/2)				
				Gas	Ø 25.40 (Ø 1)			
Method		Brazeing						
Drain hose		Material	PVC					
			Size	Ø 24.4 (I.D.), Ø 32 (O.D.) (VP25)				
Operation range		Cooling		°C	18 to 32			
			%RH	80 or less				
Remote controller type		Heating	°C	16 to 30				
			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.