

Hi-Smart H5 Series



HP		4HP	5HP	6HP	
Model	AC 1 ϕ , 220-240V/50/60Hz	AVW-41HJDH2H1	AVW-48HJDH2H1	AVW-54HJDH2H1	
	AC 3 ϕ , 380-415V/50/60Hz	AVW-41HKDH2H1	AVW-48HKDH2H1	AVW-54HKDH2H1	
Cooling	Capacity	kW	12.1	14.0	15.5
		kBtu/h	41.5	48.0	53.0
	Power Input	kW	3.30	4.24	4.70
	EER	kW/kW	3.67	3.30	3.30
	SEER	kW/kW	8.20	7.90	7.90
Heating	Capacity	kW	14.2	16.0	18.0
		kBtu/h	48.0	54.5	61.5
	Power Input	kW	3.60	4.10	4.80
	COP	kW/kW	3.94	3.90	3.75
SCOP	kW/kW	5.00	4.65	4.60	
Air Flow Rate	m ³ /min	80	80	80	
Sound Pressure Level(Cooling/Heating)	dB(A)	52/52	53/53	54/54	
Refrigerant	Type	R32			
	Pre-charged Quantity	kg	2	2	2
Weight	Net Weight(Single-phase/Three-phase)	kg	94/95	94/95	94/95
	Gross Weight(Single-phase/Three-phase)	kg	109/110	109/110	109/110
Dimensions	Net (H×W×D)	mm	840×1100×390	840×1100×390	840×1100×390
	Packing(H×W×D)	mm	1000×1185×530	1000×1185×530	1000×1185×530
Cabinet Color			Grayish White	Grayish White	Grayish White
Ref. Piping	Gas	mm	15.88	15.88	15.88
		inch	5/8	5/8	5/8
	Liquid	mm	9.53	9.53	9.53
		inch	3/8	3/8	3/8
Connectable Indoor Units	Quantity	pcs	10	12	13
	Connection Ratio	-	50%~150%	50%~150%	50%~150%
Piping Design	Max. Piping Length	m	80	80	80
	Height Difference Between ODU and IDU	m (OD higher)	50	50	50
		m (OD lower)	40	40	40
	Height Difference Between IDUs	m	15	15	15
Operation Range	Cooling	DB °C	-10~52		
	Heating	WB/DB °C	-25.5~15.5/-25~26		

Note:

1. Rated cooling capacity and rated heating capacity are tested in the following conditions:

Cooling conditions: indoor air inlet temperature: 27°C DB 19°C WB, outdoor air inlet temperature: 35°C DB, pipe length: 7.5m, pipe height difference: 0m.

Heating conditions: indoor air inlet temperature: 20°C DB, outdoor air inlet temperature: 7°C DB 6°C WB, pipe length: 7.5m, pipe height difference: 0m.

2. During cooling (48-52°C) or heating (23-26°C) operations, the unit may operate intermittently.