

2. Specifications

Indoor Unit				AHNW166T3 [HN1610H NK3]
Operation Range (Leaving Water Temperature)	Heating, DHW	Min. ~ Max.	°C DB	25 - 80
Compressor	Type			Hermetic Sealed Twin Rotary
	Model	Model × No.		EPT525MBA × 1
	Motor Type			BLDC
	Displacement	cm ³ /Rev.		52.5
Heat Exchanger	Water Circuit	Type	-	Brazed Plate HEX
		Quantity	EA	1
		Number of Plate	EA	76
		Water Volume	ℓ	1.0
	Refrigerant Circuit	Type	-	Brazed Plate HEX
		Quantity	EA	1
Number of Plate		EA	50	
Refrigerant	Type			R134a
	GWP (Global Warming Potential)			1,430.0
	Precharged Amount	g		1,800
	t-CO ₂ eq.			2.574
	Control			Electronic Expansion Valve
Refrigerant Oil	Type			FVC68D
	Charged Volume	cc × No.		1,300
Rated Water Flow	Rated (Min. ~ Max.)		ℓ/min	46 (15 - 70)
Head loss			kPa	30.68
Devices for Water Circuit			-	Flow Switch
Piping Connections	Water Circuit	Inlet	mm(Inch)	Male PT 25.4(1)
		Outlet	mm(Inch)	Male PT 25.4(1)
	Refrigerant Circuit	Gas	mm(Inch)	Φ 15.88 (5/8)
		Liquid	mm(Inch)	Φ 9.52 (3/8)
Sound Power Level	Heating (Cooling Fan Off)	Rated	dB(A)	58
	Heating (Cooling Fan On)	Rated	dB(A)	63
Sound Pressure Level (at 1m)	Heating	Rated	dB(A)	50
Dimensions	Unit	W × H × D	mm	520 x 1,080 x 330
	Packed Unit	W × H × D	mm	682 x 1,168 x 423
Weight	Unit			kg
	Packed Unit			kg

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound Level Values are measured at Noise Measuring chamber accordance with standard. Therefore, these values depend on the ambient conditions and values are normally higher in actual operation
4. Performances are based on the following conditions (It is according to EN14511):
 - Heating : Inlet/Outlet Water Temp. 30°C / 35°C, Outdoor Temp. 7°CDB / 6°CWB
 - Interconnected Pipe Length is 5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.
5. This product contains Fluorinated greenhouse gases.