

1. Specification

Nordic WindFree™ Comfort S2

Model Name		Indoor Unit			AR60F09C1CWNEE		AR60F12C1CWNEE			
		Outdoor Unit			AR60F09C1CWXEE		AR60F12C1CWXEE			
System	Mode				-	Heat Pump		Heat Pump		
	Performance	Capacity (Min/Std/Max)	Cooling	kW	0.96 / 2.5 / 3.7		1.0 / 3.5 / 4.6			
				Btu/h	3,276 / 8,530 / 12,625		3,412 / 11,942 / 15,696			
			Heating	kW	0.7 / 3.2 / 6.7		0.7 / 4.0 / 7.2			
				Btu/h	2,388 / 10,919 / 22,861		2,388 / 13,649 / 24,567			
	Power	Power Input (Min/Std/Max)	Cooling	kW	0.17 / 0.57 / 0.96		0.18 / 0.91 / 1.4			
			Heating	kW	0.15 / 0.76 / 2.2		0.15 / 1.07 / 2.4			
		Current Input (Min/Std/Max)	Cooling	A	1.5 / 3 / 4.3		1.5 / 4.1 / 6.1			
			Heating	A	1.3 / 3.4 / 10.0		1.3 / 4.7 / 10.5			
	Efficiency	EER	Cooling	W/W	4.39		3.85			
		COP	Heating	-	4.21		3.74			
	Efficiency (EN14825)	Pdesign_C	Cooling	kW	2.5		3.5			
		SEER		W/W	8.8 (A+++)		8.6 (A+++)			
		Pdesign_H (Warmer/Average/Colder)	Heating	kW	- / 2.3 / 3.2		- / 2.4 / 3.2			
		SCOP (Average / Colder)		W/W	4.8 / 3.8 (A++ / A)		4.8 / 3.8 (A++ / A)			
	Piping Connections	Liquid Pipe			Type	Flare		Flare		
					Φ, mm (inch)	6.35 (1/4)		6.35 (1/4)		
			Gas Pipe			Type	Flare		Flare	
						Φ, mm (inch)	9.52 (3/8)		9.52 (3/8)	
			Heat Insulation		-		Both liquid and gas pipes		Both liquid and gas pipes	
			Installation Limitation	Max. Length (Outdoor to Indoor)	m	15		15		
	Max. Height (Between ID/OD)	m		8		8				
	Wiring connections	Power Source Wire		mm²	1.5		1.5			
		Communication	Min.	mm²	0.75		0.75			
			Remark	-	F1,F2		F1,F2			
	Refrigerant	Type		-	R32		R32			
		Factory Charging		kg	0.95		0.95			
				tCO ₂ e	0.64		0.64			
	Indoor Unit	Power Supply			Ø, #, V, Hz	1, 2, 220-240, 50		1, 2, 220-240, 50		
		Heat Exchanger	Type		-	F&T		F&T		
Material			Fin	-	Al		Al			
			Tube	-	Cu		Cu			
Fin Treatment			-		Blue Hydrophile		Blue Hydrophile			
Fan		Type		-	Cross Flow		Cross Flow			
		Quantity		EA	1		1			
		Air Flow Rate	Cooling (T/H/M/L)	m³/min	9.5 / 9 / 8.5 / 7.4		10.5 / 10 / 9 / 7.9			
				l/s	158 / 150 / 142 / 123		175 / 167 / 150 / 132			
			Heating (T/H/M/L)	m³/min	11.1 / 10.5 / 10 / 9		12.1 / 11.6 / 10.5 / 9.5			
		l/s	185 / 175 / 167 / 150		202 / 193 / 175 / 158					
Fan Motor		Type		-	BLDC		BLDC			
		Output		W x n	27 x 1		27 x 1			
Drain		Drain Pipe		Φ, mm	16.3, 550		16.3, 550			
Sound Level		Sound Pressure Level	H / Low	dB(A)	38 / 17		40 / 17			
				dB(A)	56		58			
External Dimension		Net Weight		kg	9.8		9.8			
		Shipping Weight		kg	11.5		11.5			
		Net Dimensions (WxHxD)		mm	889 x 299 x 215		889 x 299 x 215			
		Shipping Dimensions (WxHxD)		mm	950 x 290 x 375		950 x 290 x 375			
Casing		Material		-	HIPS		HIPS			
Control System		Infrared remote control		-	Included		Included			
		Wired remote control		-	-		-			
Drain Pump		Drain Pump		-	-		-			
		Max. lifting Height / Displacement		mm / Liter/h	-		-			
Additional Accessories		Easy Filter Plus		-	Removable / Washable		Removable / Washable			
		Tri-Care Filter		-	-		-			
		Motion Detect Sensor		-	-		-			
		Wi-Fi		-	●		●			

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			Outdoor Unit		AR60F09C1CWXEE	AR60F12C1CWXEE
Outdoor Unit	Power Supply		Ø, #, V, Hz		1, 2, 220-240, 50	1, 2, 220-240, 50
	Heat Exchanger	Type		-	F&T	F&T
		Material	Fin	-	Al	Al
			Tube	-	Cu	Cu
		Fin Treatment		-	Blue Hydrophile	Blue Hydrophile
	Compressor	Model Name			KTN130D42UFR	KTN130D42UFR
		Type		-	Twin Rotary	Twin Rotary
		Output		kW	4.09	4.09
		Oil	Type	-	POE	POE
			Initial charge	cc	350	350
	Fan	Type		-	Propeller	Propeller
		Discharge direction		-	Front	Front
		Quantity		EA	1	1
		Air Flow Rate		m³/min	45	45
				l/s	750	750
	Fan Motor	Type		-	BLDC	BLDC
		Output		W x n	45 x 1	45 x 1
	Sound Level	Sound Pressure Level	Cooling	dB(A)	45	46
		SoundPowerLevel		dB(A)	59	62
	External Dimension	Net Weight		kg	31.9	31.9
		Shipping Weight		kg	33.8	33.8
		Net Dimensions (WxHxD)		mm	790 x 548 x 285	790 x 548 x 285
		Shipping Dimensions (WxHxD)		mm	913 x 622 x 371	913 x 622 x 371
	Casing	Material	Body	-	EGI Steel Plate / PP	EGI Steel Plate / PP
	Operating Temp. Range	Cooling		℃	-15 ~ 46	-15 ~ 46
		Heating		℃	-30 ~ 24	-30 ~ 24

NOTE

- Specifications may be subject to change without prior notice.
- 1) Nominal cooling capacities are based on;
Indoor temperature: 27°C DB, 19°C WB
Outdoor temperature: 35°C DB, 24°C WB, Equivalent refrigerant piping: 5m, Level differences: 0 m
- 2) Nominal heating capacities are based on;
Indoor temperature: 20°C DB, 15°C WB
Outdoor temperature: 7°C DB, 6°C WB, Equivalent refrigerant piping: 5m, Level differences: 0 m
- 3) Sound pressure was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- 4) These products contain R32 which is fluorinated greenhouse gas.