

Wind-Free™ Optimum

Specifications

- Wind-Free™ Cooling
- Ionizer (SPI)
- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings



Model	Indoor Unit			AR09RXPXBWKNEU	AR12RXPXBWKNEU	AR18RXPXBWKNEU	AR24RXPXBWKNEU
	Outdoor Unit			AR09RXPXBWKXEU	AR12RXPXBWKXEU	AR18RXPXBWKXEU	AR24RXPXBWKXEU
Power Supply	Φ, V, Hz			1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Performance	Capacity	Cooling	kW	2,50	3,50	5	6,5
		Heating		3,20	3,50	6	7,4
Energy Efficiency	EER (Cooling)		-	4,17	3,57	3,6	3,33
	Pdesignnc		kW	2,50	3,50	TBD	TBD
	COP (Heating)		-	3,76	3,72	3,51	3,15
	Pdesignnh		kW	2,20	2,20	TBD	TBD
	SEER (Cooling)		-	7,10	6,50	6,8	6,4
	Ratio		-	A++	A++	A++	A++
	Indicative Annual Energy Consumption (QCE)		kWh/a	123,00	188,00	TBD	TBD
	SCOP (Heating)		-	4,00	4,00	3,8	3,8
	Ratio		-	A+	A+	A	A
	Indicative Annual Energy Consumption (QHE)		kWh/a	770	770	TBD	TBD
Fan	Type		-	Cross flow Fan	Cross flow Fan	TBD	TBD
	Quantity		EA	1	1	1	1
	Airflow Rate	Max.	m³/min	9,3	10	15,9	17,6
			l/s	155	167	2	2,5
Fan Motor	Type		-	BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	TBD	TBD
Piping Connections	Liquid Pipe		Φ, mm	6,35	6,35	6,35	6,35
			Φ, inch	1/4"	1/4"	1/4"	1/4"
	Gas Pipe		Φ, mm	9,52	9,52	12,7	15,88
			Φ, inch	3/8"	3/8"	1/2"	5/8"
	Drain Pipe		Φ,mm	ID18mm Hose	ID18mm Hose	TBD	TBD
Wiring connections	For Power Supply	Min.	mm²	1,5	1,5	TBD	TBD
	For Connection with Indoor	Min.	mm²	0,75	0,75	TBD	TBD
		Remark	-	F1/F2	F1/F2	TBD	TBD
Refrigerant	Type		-	R32	R32	R32	R32
	GWP: Global Warming Potential		-	675	675	675	675
	Factory Charging		kg	0,75	0,75	1,15	1,15
	CO ₂ Value		tCO ₂	0,51	0,51	0,78	0,78
Sound	Sound Pressure Level	H/L	dB(A)	37 / 19	38 / 19	58	62
	Sound Power	Cooling	dB(A)	54	56	65	68
Dimensions	Net Weight	Indoor	kg	9,4	9,4	13,2	13,4
		Outdoor		27,6	27,6	40,2	44,2
	Net Dimensions (W×H×D)	Indoor	mm	828 x 267 x 265	828 x 267 x 265	1065 x 301 x 311	1065 x 301 x 311
		Outdoor		720 x 548 x 265	720 x 548 x 265	880 x 638 x 310	880 x 638 x 310
Additional Accessories	Air Filter		-	Easy Filter +	Easy Filter +	Easy Filter +	Easy Filter +
	SPI Ionizer		-	Yes	Yes	Yes	Yes

Accessory

Included



Wireless
Remote Controller