

Specifications

AR5580

- Easy Filter Plus
- Wi-Fi Control - Samsung SmartThings
- Triangle Design



Model	Indoor Unit			AR09KSWSBWKNET	AR12KSWSBWKNET	AR18KSWSAWKNET	AR24KSWSAWKNET
	Outdoor Unit			AR09KSWSBWKXET	AR12KSWSBWKXET	AR18KSWSBWKXET	AR24KSWSBWKXET
Power Supply			Φ, #, V, Hz	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50	1, 2, 220~240, 50
Performance	Capacity	Cooling	kW	2,50	3,50	5,00	6,80
		Heating		3,20	3,80	6,00	7,80
Energy Efficiency	EER (Cooling)		-	3,73	3,30	3,45	3,01
	Pdesignc		kW	2,50	3,50	5,00	6,80
	COP (Heating)		-	3,72	3,73	3,61	3,12
	Pdesignh		kW	2,40	2,40	3,80	4,20
	SEER (Cooling)		-	6,10	6,10	6,10	6,10
	Ratio		-	A++	A++	A++	A++
	Indicative Annual Energy Consumption (QCE)		kWh/a	143,00	201,00	287,00	390,00
	SCOP (Heating)		-	4,00	4,00	3,80	3,80
	Ratio		-	A+	A+	A	A
	Indicative Annual Energy Consumption (QHE)		kWh/a	840,00	840,00	1400,00	1547,00
Fan	Type		-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity		EA	1	1	1	1
	Airflow Rate	Max.	m ³ /min l/s	11 183	12 200	19 317	21 350
Fan Motor	Type			BLDC Motor	BLDC Motor	BLDC Motor	BLDC Motor
	Output x n		W	27 x 1	27 x 1	27 x 1	27 x 1
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	ID18mm Hose	ID18mm Hose	
Wiring connections	For Power Supply	Min.	mm ²	1,5	1,5	1,5	1,5
	For Connection with Indoor	Min.	mm ²	0,75	0,75	0,75	0,75
		Remark	-	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	GWP: Global Warming Potential		-	2088	2088	2088	2088
	Factory Charging		kg	0,95	0,95	1,15	1,45
	CO ₂ Value		tCO ₂	1,99	1,99	2,40	3,03
Sound	Sound Pressure Level	H/M/L	dB(A)	37 / 27 / 22	38 / 28 / 22	41 / 32 / 25	43 / 34 / 26
	Sound Power	Cooling	dB(A)	54	56	58	62
Dimensions	Net Weight	Indoor	kg	9,6	9,6	13,4	13,4
		Outdoor		27,6	27,6	40,2	44,2
	Net Dimensions (W×H×D)	Indoor	mm	826 x 261 x 261	826 x 261 x 261	1,065 x 301 x 294	1,065 x 301 x 294
		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 +

