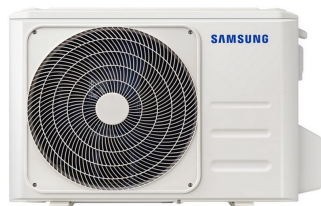


SAMSUNG



Indoor Unit			AR09TXHQASINEU	AR12TXHQASINEU	AR18TXHQASINEU	AR24TXHQASINEU	AR09TXHQBWKNEU	AR12TXHQBWKNEU
Outdoor Unit			AR09TXHQASIXEU	AR12TXHQASIXEU	AR18TXHQASIXEU	AR24TXHQASIXEU	AR09TXHQBWKXEU	AR12TXHQBWKXEU
Capacity								
Capacity	Cooling (Nominal)	kW	2.6	3.5	5.3	7.0	2.6	3.5
	Cooling (Min-Max)	kW	0.9-3.4	1.1-4.2	1.8-6.1	2.1-8.0	0.9-3.4	1.1-4.2
	Heating @ +7 °C	kW	2.9	3.8	5.3	7.3	2.9	3.8
	Heating (Min-Max)	kW	0.8-3.4	1.1-4.2	1.4-6.7	1.6-8.8	0.8-3.4	1.1-4.2
	Heating @ -5 °C	kW	TBA	TBA	TBA	TBA	TBA	TBA
	Heating @ -10 °C	kW	TBA	TBA	TBA	TBA	TBA	TBA
	Heating @ -15 °C	kW	TBA	TBA	TBA	TBA	TBA	TBA
Performance								
Energy Efficiency Cooling	SEER ¹	W/W	6.3/ A++	6.1/ A++	7.1/ A++	6.1/ A++	6.3/ A++	6.1/ A++
	Power Consumption	kWh/a	156	211	256	412	156	211
	Pdesignc	kW	2.8	3.6	5.2	7.0	2.8	3.6
	EER	W/W	3.43	2.90	3.43	2.87	3.43	2.90
Energy Efficiency Heating	SCOP ¹	W/W	4.0/ A+	3.9/ A	4.0/ A+	3.9/ A	4.0/ A+	3.9/ A
	Power Consumption	kWh/a	910	969	1,435	1,723	910	969
	Pdesignh (average)	kW	2.6	2.7	4.1	4.8	2.6	2.7
	COP ¹	W/W	3.91	3.50	3.56	2.71	3.91	3.50
Moisture Removal	l/h	1.0	1.2	1.8	2.6	1.0	1.2	
Maximum Airflow (Cooling)	Indoor Unit	m³/min	7.77	9.00	14.00	16.33	7.77	9.00
	Outdoor Unit	m³/min	TBA	TBA	TBA	TBA	TBA	TBA
Sound Power	Indoor Unit (Cooling)	dB(A)	55	55	55	59	55	55
Sound Pressure	Indoor Unit High/Silent Mode	dB(A)	36/20	37/22	42/25	43/28	36/20	37/22
	Outdoor Unit High	dB(A)	49	50	51	56	49	50
Operating Temperature Range	Cooling	°C	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46
	Heating	°C	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Electrical Data								
Power Source		Φ, V, Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz	1Φ, 220-240 V, 50 Hz
Compressor Type	Outdoor Unit	Type	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter	Digital Inverter
Power Consumption	Cooling	W	3.3	5.3	6.9	10.4	3.3	5.3
	Heating	W	3.2	4.7	6.4	11.7	3.2	4.7
Operating Current	Cooling	A	770.0	1,213.0	1,539.0	2,450.0	770.0	1,213.0
	Heating	A	750.0	1,088.0	1,480.0	2,700.0	750.0	1,088.0
Dimensions								
Net Dimensions (W x H x D)	Indoor Unit	mm	805 x 285 x 194	805 x 285 x 194	957 x 302 x 213	1,040 x 327 x 220	805 x 285 x 194	805 x 285 x 194
	Outdoor Unit	mm	720 x 495 x 270	720 x 495 x 270	800 x 554 x 333	845 x 702 x 363	720 x 495 x 270	720 x 495 x 270
Net Weight	Indoor Unit	kg	8.1	8.1	10.5	12.5	8.1	8.1
	Outdoor Unit	kg	23.2	23.2	34.0	52.0	23.2	23.2
Refrigerant								
Refrigerant	Type		R32 (contains fluorinated greenhouse gases. GWP = 675)					
	Charging (for 5 m)	kg	0.55	0.55	1.00	1.60	0.55	0.55
	Charging Ton Equivalent CO ₂	tCO ₂ e	0.37	0.68	0.68	1.10	0.37	0.37
	Additional Refrigerant Charging	g/m	12	12	12	12	12	12
Piping Connections	Liquid Pipe	ø, inch	1/4	1/4	1/4	1/4	1/4	1/4
	Gas Pipe	ø, inch	3/8	3/8	3/8	3/8	3/8	3/8
Piping Length	Min/Max (ODU to IDU)	m	25	25	30	50	25	25
Piping Height	Max	m	10	10	20	25	10	10

