



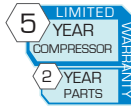
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SINGLE ZONE MINI SPLIT

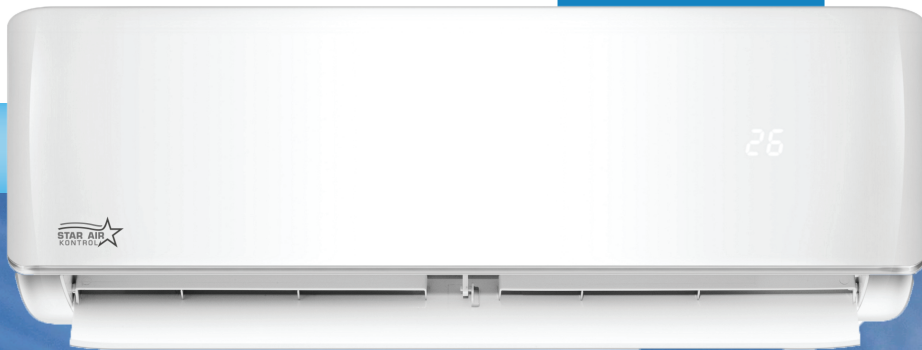
Ductless Mini Split Air Conditioners with Heat Pump



* selected models only



20+ SEER Ratings



Single-Zone System

20+ SEER RATINGS



Features

- High Density Filter
- Mute Operation
- Double Level Air Flaps
- Anti Cold Air
- Turbo Operation
- Timer
- Two Direction Airflow
- Sleep Mode
- 12 Grades Indoor Fan Speeds
- Louver Position Memory Function
- Auto Restart
- Two-way Draining Connection
- Self Diagnosis Function
- Refrigerant Leakage Detect
- Emergency Using Function

Model		SAK-12-21MS/115V	SAK-12-21MS/220V	SAK-18-20MS/220V	SAK-24-20MS/220V	SAK-24-20MS/220V	SAK-36-16MS/220V
Power supply	Ph-V-Hz	115V~60Hz,1Ph	208-230V~60Hz,1Ph	208-230V~60Hz,1Ph	208-230V~60Hz,1Ph	208-230V~60Hz,1Ph	208-230V~60Hz,1Ph
Cooling	Capacity	Btu/h	12000	12000	18000	24000	30000
	Input	W	960	923	1384	1920	2857
	Rated current	A	8.40	4.1	6.1	8.4	12.5
	EER	Btu/w	12.5	13	13	12.5	10.5
	SEER	Btu/w	21.5	21.5	20.8	20.5	18
Heating	Capacity	Btu/h	11800	12000	18000	25000	30000
	Input	W	1120	1085	1570	2315	3110
	Rated current	A	9.80	4.72	6.82	10.1	13.5
	COP	W/W	3.1	3.2	3.4	3.2	2.8
	HSPF4	Btu/w	11.2	9.8	10	10	9.6
	HSPF5	Btu/w	9	7.7	8	8.3	8.1
MINIMUM CIRCUIT AMPACITY	A	15	15	15	15	20	25
MAX.FUSE	A	20	15	20	25	30	35
Speed(Hi/Mi/Lo)	r/min	1080/850/650	1080/850/650	1000/800/700	1100/900/700	1200/1050/950	1200/1050/750
Indoor air flow (Hi/Mi/Lo)	m3/h	520/360/250	520/360/250	950/620/520	1050/800/550	1350/1050/800	1450/1100/800
Indoor air flow (Hi/Mi/Lo)	CFM	306/212/147	306/212/147	559/365/306	618/471/324	795/618/471	853/647/471
Indoor noise level (Hi/Mi/Lo)	dB(A)	36/32/23	39-/25	45.5-/34.5	50-/35.5	52.5-/44.5	54.5-/38.5
Indoor unit	Dimension(W*D*H)	inch	31.57x7.44x11.69	31.57x7.44x11.69	42.52x8.90x13.19	42.52x8.90x13.19	49.57x11.10x14.25
	Packing (W*D*H)	inch	34.45x11.22x14.76	34.45x11.22x14.76	45.47x16.34x12.40	45.47x16.34x12.40	52.76x17.72x14.96
	Net/Gross weight	lbs.	18.1/22.0	18.1/22.0	29.1/37.0	29.1/37.0	43.2/55.6
Outdoor air flow	m3/h	1900	1900	2500	4000	4300	5000
Outdoor air flow	CFM	1120	1120	1470	2355	2530	2943
Outdoor noise level	dB(A)	52.5	57.5	61	61	62	63
Outdoor unit	Dimension(W*D*H)	inch	31.50x13.11x21.81	31.50x13.11x21.81	33.27x14.29x27.64	40.55x16.54x31.89	37.24x16.54x31.89
	Packing (W*D*H)	inch	36.22x15.35x24.21	36.22x15.35x24.21	38.00x15.55x29.72	42.91x19.69x34.06	42.91x19.69x34.06
	Net/Gross weight	lbs.	81.6/88.2	81.6/88.2	101.0/108.2	136.69/147.27	137.79/147.71
Refrigerant type	oz	R410A/40.6	R410A/40.6	R410A/68.8	R410A/82.9	R410A/97.0	R410A/119.9
Refrigerant precharge	ft	25	25	25	25	25	25
Additional charge for each ft	oz	0.161	0.161	0.161	0.322	0.322	0.322
Design pressure	PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Refrigerant piping	Max. refrigerant pipe length	ft	82	82	98	164	164
	Max. difference in level	ft	33	33	66	82	82
Operation temperature	Indoor(cooling/ heating)	°F	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86
	Outdoor(cooling/heating)-optional	°F	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86
Application area (cooling standard)	sq.ft	172-252	172-252	251-368	330-484	330-484	330-484





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