



500 Series Single-Zone Wall Mount Systems

09KPAS1, 12KPAS1, 18KPAS1,
24KPAS1, 30KPAS1, 36KPAS1



Elevate your comfort with the 500 Series Inverter Split Systems. Offering enhanced features and performance, this system boasts a sleek wall-mounted design and advanced fan technology for superior efficiency and quiet operation. With its compact outdoor unit and extended line set lengths, the 500 Series provides greater flexibility for seamless installation in a variety of spaces.

Ductless Technology



500 Series mini-splits are easy to install, require little or no ducting, and can provide comfort for any room or the entire home.

Energy Efficient



Save up to 30% on energy bills with our 500 Series systems. Take advantage of local rebates and save even more.

Inverter Technology



Enjoy quick temperature adjustments and consistent comfort as the system adjusts its performance based on your needs.

Year-Round Comfort

500 Series systems offer excellent cooling to keep you comfortable year-round.



Quiet & Flexible

With a range of sizes and styles, 500 Series systems offer a smaller footprint, ideal for installations in compact spaces. Furthermore, both indoor and outdoor units feature ultra-quiet operation, providing discreet and efficient comfort.



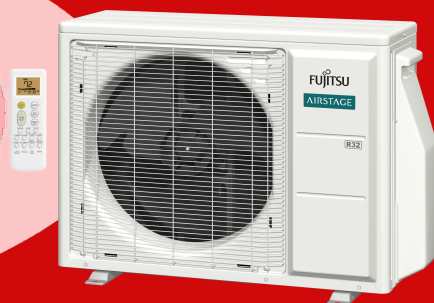
Revolutionary Controls

Compatible with a wide range of optional controllers.



AIRSTAGE

500 SERIES



Experience Beyond Expectations

Fujitsu's commitment to quality and reliability is based on more than 60 years of experience in heating and air conditioning as well as technological development and research conducted according to the strictest and most rigorous standards.

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

		09KPAS1		12KPAS1		18KPAS1		24KPAS1		30KPAS1		36KPAS1	
Performance													
Rated Cooling	BTU/h	9,000		12,000		18,000		22,000		30,000		33,000	
Min.-Max. Cooling	BTU/h	3,100—11,200		3,100—13,600		4,000—20,000		4,000—24,400		9,900—32,400		9,900—34,100	
Rated Heating	BTU/h	10,000		14,000		18,000		24,000		30,000		34,000	
Min.-Max. Heating	BTU/h	2,400—13,600		2,700—17,000		4,150—24,000		4,150—28,500		9,200—34,800		9,200—36,800	
SEER2	BTU/hW	26.0		24.0		22.0		21.5		22.0		21.0	
HSPF2	BTU/hW	10.8		10.5		10.5		10.0		10.2		10.0	
EER2	BTU/hW	12.5		11.7		12.5		11.7		11.7		9.75	
COP2	kW/kW	4.18		3.80		4.20		3.80		3.62		3.30	
Energy Star Rating*		ES		ES, ESME		ES, ESCE, ESME		ES, ESCE, ESME		ES, ESCE, ESME		ESCE	
Cooling Operating Range	°F (°C)	14 to 122 (-10 to 50)		14 to 122 (-10 to 50)		14^ to 122 (-10 to 50)		14^ to 122 (-10 to 50)		14^ to 122 (-10 to 50)		14^ to 122 (-10 to 50)	
Htg. Operating Range	°F (°C)	5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)		5 to 75 (-15 to 24)	
Moisture Removal	Pt./h (l/h)	2.40 (1.12)		3.40 (1.59)		4.9 (2.3)		6.3 (3.0)		9.1 (4.3)		10.4 (4.9)	
Fan (Cooling Mode)													
Air Circulation: Hi	CFM (m3/h)	394 (670)		430 (730)		536 (910)		689 (1,170)		806 (1,370)		806 (1,370)	
Med-High	CFM (m3/h)	365 (620)		365 (620)		506 (860)		583 (990)		724 (1,230)		724 (1,230)	
Medium	CFM (m3/h)	318 (540)		318 (540)		483 (820)		483 (820)		653 (1,110)		653 (1,110)	
Med-Low	CFM (m3/h)	283 (480)		283 (480)		430 (730)		430 (730)		583 (990)		583 (990)	
Low	CFM (m3/h)	247 (420)		247 (420)		377 (640)		377 (640)		518 (880)		518 (880)	
Quiet	CFM (m3/h)	153 (260)		153 (260)		259 (440)		312 (530)		418 (710)		418 (710)	
Fan Speed Stages		6+Auto		6+Auto		6+Auto		6+Auto		6+Auto		6+Auto	
Sound Levels (Clg/Htg)													
Indoor: Hi	dB(A)	40/42		42/42		44/43		51/47		51/48		51/48	
Med-High	dB(A)	38/38		38/39		43/41		48/45		49/45		49/45	
Medium	dB(A)	34/36		34/38		42/39		43/43		46/42		46/42	
Med-Low	dB(A)	32/33		33/35		40/37		40/40		43/39		43/39	
Low	dB(A)	29/31		29/33		37/34		37/36		39/36		39/36	
Quiet	dB(A)	19/21		19/21		26/28		31/32		32/32		32/32	
Outdoor	dB(A)	46/48		48/48		50/50		55/54		53/55		54/56	
Electrical													
Voltage/Frequency/Phase		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
Circuit Breaker	Amps	15		15		15		20		30		30	
Current Rated/Max: Clg.	Amps	3.5/ 6.4		4.8/6.9		6.7/9.9		8.2/14.4		11.3/18.4		14.8/18.4	
Current Rated/Max: Htg.	Amps	3.4/7.9		5.0/7.9		5.6/11.9		8.1/13.9		10.8/17.9		13.3/17.9	
Power Use Rated/Max: Clg.	kW	0.72/1.13		1.03/1.35		1.44/1.90		1.88/3.20		2.56/3.42		3.39/3.82	
Power Use Rated/Max: Htg.	kW	0.70/1.18		1.08/1.43		1.26/2.10		1.85/3.10		2.43/3.00		3.02/3.72	
Size & Weight													
Net Weight	lbs. (kg)	21 (9.5)	51 (23)	21 (9.5)	57 (26)	28 (12.5)	86 (39)	28 (12.5)	86 (39)	36 (16.5)	117 (53)	36 (16.5)	117 (53)
Dimensions: Height	Inch	10-5/8	21-5/16	10-5/8	21-5/16	11	24 7/8	11	24 7/8	13 3/8	31	13 3/8	31
	mm	270	541	270	541	280	632	280	632	340	788	340	788
Width	Inch	32-13/16	26-1/8	32-13/16	26-1/8	38-9/16	31 7/16	38-9/16	31 7/16	45 1/4	37	45 1/4	37
	mm	834	663	834	663	980	799	980	799	1150	940	1150	940
Depth	Inch	8-3/4	11-7/16	8-3/4	11-7/16	9 7/16	11-7/16	9 7/16	11-7/16	11	12 5/8	11	12 5/8
	mm	222	290	222	290	240	290	240	290	280	320	280	320
Refrigerant		R-32		R-32		R-32		R-32		R-32		R-32	
Additional Data													
Air Direction: Horiz.		Manual		Manual		Manual		Manual		Manual		Manual	
Vertical		Automatic		Automatic		Automatic		Automatic		Automatic		Automatic	
Air Filter Type		Washable		Washable		Washable		Washable		Washable		Washable	
Min. Lineset Length	Ft (m)	10 (3)		10 (3)		10 (3)		10 (3)		16 (5)		16 (5)	
Max. Lineset Length	Ft (m)	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		98 (30) (pre-charge: 49')		98 (30) (pre-charge: 49')		164 (50) (pre-charge: 66')		164 (50) (pre-charge: 66')	
Max. Vertical Diff.	Ft (m)	49 (15)		49 (15)		82 (25)		82 (25)		98 (30)		98 (30)	
Lineset Size	Inch	Gas 3/8	Liq. 1/4	Gas 3/8	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 1/2	Liq. 1/4	Gas 5/8	Liq. 3/8	Gas 5/8	Liq. 3/8
^: Special Cooling (18-36k Models): Special Cooling Operation ensures stable cooling performance in low outdoor temperatures, extending the operating range of the outdoor unit to -4°F (-20°C) to 122°F (50°C) (Function Setting: 96)		Indoor ASUH09KPAS	Outdoor AOUE09KPAS1	Indoor ASUH12KPAS	Outdoor AOUE12KPAS1	Indoor ASUH18KPAS	Outdoor AOUE18KPAS1	Indoor ASUH24KPAS	Outdoor AOUE24KPAS1	Indoor ASUH30KPAS	Outdoor AOUE30KPAS1	Indoor ASUH36KPAS	Outdoor AOUE36KPAS1

