

MINI SPLIT ON-OFF

ON OFF CO

INDOOR MODEL		>FTKN12AG116A	>FTKN12AG216A	>FTKN18AG216A	>FTKN24AG216A	
OUTDOOR MODEL		>RKN12AG116A	>RKN12AG216A	>RKN18AG216A	>RKN24AG216A	
> Power supply	V/Ph/Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	
> Cooling (Standard conditions)	Capacity	Btu/h	11500	11500	17000	24000
	Input	W	1070	1090	1520	2200
	Current	A	9.5	4.7	6.6	9.8
	EER	W/W	3.15	3.09	3.28	3.20
	SEER		11.5	11.5	11.5	11.5
> Heating (Standard conditions)	Capacity	Btu/h	/	/	/	/
	Input	W	/	/	/	/
	Current	A	/	/	/	/
	COP	W/W	/	/	/	/
> Rated Power Input	W	1770	1800	2270	3500	
> Rated Current	A	18.4	9.2	12	18	
> Starting current	A	51	24.0	35.6	56	
> Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Capacity	W	3300	3910/3970	5395/5430	8174/8260
	Input	W	1130	925/935	1255/1270	1865/1885
	Rated current (RLA)	A	9.95	4.48/4.12	6.10/5.65	9.15/8.40
	Locked rotor Amp (LRA)	A	51	24	35.6	62
	Thermal protector		UP3-27/HPA-544	UP3-41/HPA-622	HPA -732H	UP3-68
	Thermal protector position		Internal	Internal	Internal	Internal
	Capacitor	µF	70	35	50	60
	Refrigerant oil/oil charge	ml	Ester Oil VG68-300	Ester Oil VG68 300	Estel Oil VG74/290	VG74/620
> Indoor fan motor	Input	W	46	47.4	58.5	58
	Capacitor	uF	3	1.5	1.5	/
	Speed (Hi/Mi/Lo)	r/min	1150/1000/800	1250/1150/1000/800	1280/1200/1000/850	1200/1020/950
> Indoor coil	a. Number of rows		2	2	2	2
	b. Tube pitch (a) x row pitch (b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c. Fin spacing	mm	1.3	1.3	1.2	1.3
	d. Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e. Tube outside dia and type	mm	Φ7, Inner groove tube	Φ7, Inner groove tube	Φ7, Inner groove tube	Φ7, Inner groove tube
	f. Coil length x height x width	mm	605x210x26.74+605x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74
	g. Number of circuits		2	2	4	4
> Indoor air flow (Hi/Mi/Lo)	m ³ /h	560/480/370	533/457/353	822/669/546	1170/960/870	
> Indoor noise level (Hi/Mi/Lo)	dB(A)	41/37/31	40.0/36.0/30.0	44/39/34	49/44/41	
> Indoor unit	Dimension (W*D*H)	mm	802x200x295	802x200x295	971x228x321	1082x234x337
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x405	1155x415x315
	Net/Gross weight	kg	9.0/11.5	9.2/11.6	11.9/15.2	13.5/17
> Outdoor fan motor	Speed	r/min	850	800	880	780
	a. Number of rows		1	1	2	2
	b. Tube pitch (a) x row pitch (b)	mm	14.5x12.56	14.5x12.56	19.5x11.6	19.5x11.6
> Outdoor coil	c. Fin spacing	mm	1.2	1.2	1.2	1.2
	d. Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	e. Tube outside dia and type	mm	Φ5, Inner groove tube	Φ5, Inner groove tube	Φ5, Inner groove tube	Φ5, Inner groove tube
	f. Coil length x height x width	mm	750x464x12.56	750x464x12.56	760x507x11.6+742x507x11.6	905*604.5*11.6+887*604.5*11.6
	g. Number of circuits		2	2	2	4
	> Outdoor air flow	m ³ /h	1800	1800	2100	3500
	> Outdoor noise level	dB(A)	53	53.0	59	57
> Outdoor unit	Dimension (W*D*H)	mm	720x270x495	720x270x495	765x303x555	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	995x398x740
	Net/Gross weight	kg	26.4/28.2	25.9/27.9	34.3/36.6	49.2/52.2
> Refrigerant type / Charge	kg	R-410A/0.6	R-410A/0.6	R-410A/0.9	R-410A/1.2	
> Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
> Refrigerant piping	Liquid side/ Gas side	mm (inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35 mm (1/4in)/12.7 mm (1/2in)	6.35 mm (1/4in)/12.7 mm (1/2in)	9.52 mm (3/8in)/15.9 mm (5/8in)
	Max. refrigerant pipe length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
> Connection wiring		14#x3//	1.5x3//	2.5x3//	1.5x4//	
> Plug type		14#x3/SP007	1.5x3/SP008	1.5x3/no-plug	//no-plug	
> Thermostat type		Wireless Remote Control	Wireless Remote Control	Wireless Remote Control	Wireless Remote Control	
> Operation temperature	Indoor (cooling/heating)	°C	17~32//	16~32//	17~32//	17~32//
	Outdoor (cooling/heating)	°C	18~43//	18~43//	18~43//	18~43//
> Application area (Cooling Standard)	m ²	15~22	15~22	23~33	32~47	