Comtek

a product of **Alliance**

Inverter Midwall Split Air conditioner

- Energy saving (Inverter)
- Refrigerant Leakage Detection
- Left or right side drainage
- Golden Fin
- Fireproof Electronic Control Box
- Low noise operation
- Wi-fi enable

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FIVE YEAR 5 WARRANTY

fourways

Alliance Comfee Inverter

Comfee'

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With Comfee Inverter Midwatt, you can easily control the temperature in your home. Smart and elegantly designed, with an indoor noise level of 24.0 dB(A) (on tow setting) ensures a quiet operation. The unit has a wide-angle airflow ensuring perfect heating and cooling air distribution, so it always maintains a comfortable temperature. As with alt Alliance models, the Comfee range is backed by Fourways Group branches nationwide.

Indoor			FCMI-09	FCMI-12	FCMI-18	FCMI-24
Power supply		V-Ph-Hz	220_240V_1 Ph,FREQUENCY_50HZ	220_240V_1 Ph,FREQUENCY_50HZ	220_240V_1 Ph,FREQUENCY_50HZ	220_240V_1 Ph,FREQUENCY_50HZ
Cooling (Standard conditions)	Capacity	Btu/h	9000(4000-11000)	12000(2700-12200)	18000(4500-18500)	23000(4000-23200)
	Capacity	W	2638	3517	5275	6741
	Input	W	822(100-1250)	1141(150-1170)	1580(465-2130)	2217(300-2289)
	Current	A	3.6(0.4-5.5)	4.9(12-5.2)	7.6(2.0-95)	9.8(1.4-10.4)
	EER	W/W	3.21	3,08	3,10	3,04
Heating (Standard conditions)	Capacity	Btu/h	10000(3100-12800)	12000(2800-12700)	18500(4400-19000)	23500(4200-23800)
	Capacity	W	2931	3517	5422	6887
	Input	W	812(140-1340)	1040(380-1150)	1530(300-1810)	2120(400-2200)
	Current	A	3.6(0.6-5.8)	4.7(3.3-54)	6.9(2.0-84)	8.9(18-9.4)
	COP	W/W	3.61	3,38	3,54	3,25
Rated Power Input		W	2300	2300	2800	3000
Rated Current		A	10.5	10.5	13.5	13.5
Compressor	Capacity	W	2035/3255	2020/3245 ±3%	4385	4730
	Input	W	325/826	332/850 ±3%	1140	1250
	Rated current(RLA)	A	2.40/5.65	2.42/5.70 ±3%	7.50	8.10
Indoor Fan Motor	Input	W	40	40	55	/
	Capacitor	uF	1.2	1.2	1.5	/
	Speed(Hi/Mi/Lo)	r/min	1080/900/750	1200/950/850	1200/1000/850	1200/1000/850
Indoor coil	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.andtype	mm	05, Inner groove tube	07,Inner groove tube	07, Inner groove tube	07,Inner groove tube
	f.Coil length x height x width	mm	510x78x23.2+510x97.5x23.2+510x78x23.2	598x84x13.37+598x105x26.74+598x105x26.74	750x189x26.74+750x105x26.74	780x210x26.74+780x105x26.74
	g.Number of circuits		3	3	3	4
Indoor airflow (Hi/Mi/Lo)		m^3/h	417/319/256	600/450/350	805/640/530	970/760/620
Indoor noise level (Hi/Mi/Lo)		dB(A)	36.5/30.5/24.0	42/35/30	43/38/32.5	44.5/39/34
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	kg	7.5/9.5	8.2/10.4	10.24/13.1	12/15.4
			FCMI-09X	FCMI-12X	FCMI-18X	FCMI-24X
Outdoor fan motor	Input	W	/	/	/	/
	Capacitor	uF	2.5	/	/	/
	Speed	r/min	850	800/600	810/700/550	900/700/550
Outdoor coil	a.Number of rows		1	1	1.6	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.andtype	mm	07, Inner groove tube	07,Inner groove tube	07, Inner groove tube	07,Inner groove tube
	f.Coil length x height x width	mm	750x462x13.37	750x462x13.37	875*504*13.37+525*504*13.37	870*504*26.74
	g.Number of circuits		2	2	2	4
Outdoor air flow		m^3/h	1800	1800	2500	2500
Outdoor noise level		dB(A)	55.0	55.5	56.5	55.5
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	805x330x554	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	915x370x615	915x370x615
	Net/Gross weight	kg	22.8/24.8	20.4/22.2	30.44/33	31.7/34.3
Refrigerant type		kg	R410A/0.59	R410A/0.74	R410A/1.25	R410A/1.5
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/15
Refrigerant piping	Liquid side/Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			1.5x4//	1.5x4//	1.5x4//	1.5x4//
Plug type			1.5X3/VDE	1.5X3/VDE	1.5x3/no-plug	//no-plug
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
Operation temperature		℃	17-30	17-30	17-30	17-30
Room temperature	Indoor(cooling/heating)	℃	17-32/0-30	17-32/0-30	17-32/0-30	17-32/0-30
	Outdoor(cooling/heating)	℃	0-50/-15-30	0-50/-15-24	45-50/45-30	0-50/-15-30
Application area (Cooling Standard)		m^2	12-18	15-21	23-33	29-42

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.

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