

kolin
air conditioner

works
for
years
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High Electricity Cost? Limited Outdoor Space?

SOLVED

MULTI-SPLIT AIRCONDITIONER

Flexmatch Inverter



Also Available in 2.0, 3.5 and 4.5 HP

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FLEXMATCH INVERTER

INDOOR UNIT

KFS-10BMINV-I KFS-15BMINV-I KFS-20BMINV-I

OUTDOOR UNIT

KFS-20DINV-O KFS-35DINV-O KFS-45DINV-O

INDOOR	KFS-10BMINV-I	KFS-15BMINV-I	KFS-20BMINV-I
Rating Capacity (hp)	1	1.5	2
Cooling Capacity (kJ/h)	9,495	12,960	18,990
Power Supply	1 Ph / 208-230 / 60 hz	1 Ph / 208-230 / 60 hz	1 Ph / 208-230 / 60 hz
Maximum Airflow Volume (CFM)	330	341	501
Sound Pressure Level (H) dB (A)	41	42	46
Unit Dimension (Body)			
(WxDxH) (mm)	845 x 170 x 275	845 x 170 x 275	940 x 200 x 298
Net Weight (kg)	10	10	13
Connecting Pipe			
Liquid (inch)	1/4"	1/4"	1/4"
Gas (inch)	3/8"	3/8"	1/2"
Connection Method	Flare	Flare	Flare

OUTDOOR	KFS-20DINV-O	KFS-35DINV-O	KFS-45DINV-O
Rating Capacity (hp)	2	3.5	4.5
Cooling Capacity (kJ/h)	18,990	33,200	42,800
Power Supply	1 Ph / 208-230 / 60 hz	1 Ph / 208-230 / 60 hz	1 Ph / 208-230 / 60 hz
Rated Power (w)	1,650	3,450	4,400
Rated Current (A)	10.5	15	19
EER	11.5	9.6	9.7
Sound Pressure Level (H) dB (A)	56	59	57
Unit Dimension (Body)			
(WxDxH) (mm)	899 x 378 x 596	946 x 396 x 700	1,015 x 440 x 1,130
Net Weight (kg)	43	62	102
Refrigerant Charge (g)	R-410a / 1,350 g	R-410a / 2,200 g	R-410a / 4,800 g
Maximum Indoor Connection	2	4	5
Over-all Pipe Length (m)	20	70	80
Maximum Distance bet. IU-OU (m)	10	20	25
Maximum Height bet. IU-OU (m)	5	10	15

SUPER FLEX MATCH INVERTER

INDOOR UNIT KFS-25BMINV-I

OUTDOOR UNIT KFS-55DINVBU-O



BU-MODULE



INDOOR		KFS-25BMINV-I	
Capacity	Cooling	KJ/h	23,700
	Heating	KJ/h	23,038
Power supply		Ph/V/Hz	1 / 208 - 230 / 60
Motor Power Input		kw	0.1
Air Flow volume		m3/h	1,000
		CFM	588
Sound Pressure Level(H/L)		dB(A)	53/37
Fan Motor	Running current	A	0.14
Connecting pipe diameter	Gas	inch	5/8" (15.9 mm)
	Liquid	inch	1/4" (6.35 mm)
	Connecting method		Flare
Outline Dimension	WxDxH	mm	1,007 x 219 x 315
Package Dimension	WxDxH	mm	1,076 x 328 x 398
Net weight		kg	16
Gross weight		kg	21

OUTDOOR		KFS-55DINVBU-O	
Capacity	Cooling	KJ/h	52,200
	Heating	KJ/h	61,400
SEER		W/W	16
EER		kJ/h.w	9.3
Power supply		Ph/V/Hz	1 / 208 - 230 / 60
Power Input	Cooling	W	5,600
	Heating	W	5,200
Rated Current Ampere		A	25
Sound Pressure Level		dB(A)	57
Outline dimension	WxDxH	mm	900x340x1,345
Package Dimension	WxDxH	mm	983x443x1,398
Net weight/ Gross weight		kg	116 / 125
Connecting pipe diameter	Gas	inch	5/8" (15.9 mm)
	Liquid	inch	3/8" (9.52 mm)
Refrigerant Charge Volume		kg	R-410a / 4.95
Maximum drive IDU NO.		unit	3
Overall pipe Length		m	85
Max Length Bet. Outdoor and BU Module		m	40
Total Length Bet. Indoors and BU Module		m	45
Max. Length bet. Indoor Units and BU Module		m	15
Max. Height bet. Outdoor to indoor		m	15