

kolin
air conditioner

High Electricity Cost? Limited Outdoor Space? **SOLVED** with

Flexmatch Inverter

Multi-Split Air Conditioner



Flexmatch Inverter Series I

OUTDOOR UNIT



KFS-20DINV-0 KFS-35DINV-0

INDOOR UNIT



SPECIFICATIONS

MODEL	KFS-10BMINV-I	KFS-15BMINV-I	KFS-20BMINV-I
I N D O O R			
Power Supply	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz
Nominal Capacity	1 hp	1.5 hp	2.0 hp
Cooling Capacity	9,495 kJ/h	12,960 kJ/h	18,990 kJ/h
Maximum Airflow Volume	330 CFM	341 CFM	501 CFM
Sound Pressure Level (Hi)	41 dB(A)	42 dB(A)	46 dB(A)
Packaging Dimension (WxDxH)	875x285x375 mm	875x285x375 mm	1155x415x315 mm
Unit Dimension (WxDxH)	845 x 170 x 275 mm	845 x 170 x 275 mm	940 x 200 x 298 mm
Gross Weight	11.5 kg	11.5 kg	17 kg
Unit Weight	9.5 kg	9.5 kg	13 kg
Connecting Pipe (Liquid/Gas)	Ø 1/4" / Ø 3/8"	Ø 1/4" / Ø 3/8"	Ø 1/4" / Ø 1/2"
Connection Method	Flare	Flare	Flare

MODEL	KFS-20DINV-0	KFS-35DINV-0
O U T D O O R		
Power Supply	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz
Nominal Capacity	2.0 hp	3.5 hp
Cooling Capacity	18,990 kJ/h	33,220 kJ/h
Rated Current	10.5 A	15 A
Rated Power Input	1,650 W	3,450 W
EER	11.5 kJ/hW	9.6 kJ/hW
Sound Pressure Level (Hi)	56 dB(A)	59 dB(A)
Packaging Dimension (WxDxH)	1090x500x875 mm	1095x495x1400 mm
Unit Dimension (WxDxH)	899 x 378 x 596 mm	946 x 378 x 596 mm
Gross Weight	43 kg	62 kg
Unit Weight	43 kg	62 kg
Refrigerant (Type/Charge)	R-410A / 1,350 g	R-410A / 2,200 g
Maximum Indoor Connection	2	4
Over-all Pipe Length	20 m	70 m
Maximum Distance between IU-OU	10 m	20 m
Maximum Height between IU-OU	5 m	10 m

MODEL		KFS-25BMINV-I	
I N D O O R			
Power Supply	1PH / 208~230V / 60Hz	Packaging Dimension (WxDxH)	1076 x 328 x 398 mm
Heating Capacity	23,038 kJ/h	Unit Dimension (WxDxH)	1007 x 219 x 315 mm
Cooling Capacity	23,700 kJ/h	Gross Weight	21 kg
Motor Power Input	0.1 kw	Unit Weight	16 kg
Maximum Airflow Volume	1000 CFM / 588m³/h	Connecting Pipe (Liquid/Gas)	Ø 1/4" / Ø 5/8"
Sound Pressure Level (Hi/Lo)	53 / 37 dB(A)	Connection Method	Flare

*Product features & specification are subject for change without prior notice.

**This product unit is not compatible on Flexmatch Inverter Series II outdoor unit..

Flexmatch Inverter Series II

OUTDOOR UNIT



KFS-40DAEM-0

KFS-50DAEM-0

INDOOR UNIT



SPECIFICATIONS

MODEL	KFS-10BAEM-I	KFS-15BAEM-I	KFS-20BAEM-I	KFS-25BAEM-I
I N D O O R				
Power Supply	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz	1PH / 208~230V / 60Hz
Nominal Capacity	1 hp	1.5 hp	2.0 hp	2.5 hp
Cooling Capacity	9,496 kJ/h	12,661 kJ/h	18,991 kJ/h	25,321 kJ/h
Packaging Dimension (WxDxH)	875 x 285 x 375 mm	875 x 285 x 375 mm	1155 x 415 x 315 mm	1155 x 415 x 315 mm
Unit Dimension (WxDxH)	802 x 189 x 297 mm	802 x 189 x 297 mm	1080 x 226 x 335 mm	1080 x 226 x 335 mm
Gross Weight	10.0 kg	10.0 kg	16.8 kg	16.8 kg
Unit Weight	8.2 kg	8.2 kg	13.2 kg	13.2 kg
Copper Tube (Low Side/Hi Side)	Ø 3/8" / Ø 1/4"	Ø 3/8" / Ø 1/4"	Ø 1/2" / Ø 1/4"	Ø 1/2" / Ø 1/4"
MODEL	KFS-40DAEM-0	KFS-50DAEM-0		
O U T D O O R				
Power Supply	1PH / 208~230V / 60Hz	Over-all Pipe Length	1PH / 208~230V / 60Hz	Over-all Pipe Length
Nominal Capacity	4.0 hp	80 m	5.0 hp	80 m
Cooling Capacity	37,982 kJ/h	Maximum Distance between IU-OU	50,643 kJ/h	Maximum Distance between IU-OU
Rated Current	14.5 A	25 m	18.0 A	25 m
Rated Power Input	3303 W	Maximum Height between IU-OU	4151 W	Maximum Height between IU-OU
EER	11.5 kJ/hW	15 m	12.2 kJ/hW	15 m
Packaging Dimension (WxDxH)	1090 x 500 x 875 mm	Copper Tube Size	1095 x 495 x 1400 mm	Copper Tube Size
Unit Dimension (WxDxH)	946 x 410 x 810 mm	A Ø 1/4" / Ø 1/2"	952 x 415 x 1333 mm	A Ø 1/2" / Ø 1/4"
Gross Weight	76 kg	B Ø 1/4" / Ø 3/8"	115.7 kg	B Ø 1/2" / Ø 1/4"
Unit Weight	71 kg	C Ø 1/4" / Ø 3/8"	101.5 kg	C Ø 3/8" / Ø 5/8"
Refrigerant (Type/Charge)	R-410A / 3000 g	D Ø 1/4" / Ø 3/8"	R-410A / 4600 g	D Ø 3/8" / Ø 5/8"
Maximum Indoor Connection	4		5	E Ø 3/8" / Ø 5/8"

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**This product unit is not compatible on Flexmatch Inverter Series I outdoor unit..

MULTI-SPLIT SYSTEM CHART

