



Indoor unit
cassette

Indoor unit
wall-mounted

outdoor unit
option of connecting
2÷5 indoor units



Multi split systems

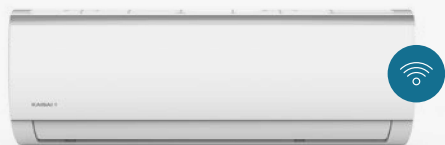
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Multi Split air conditioners are extremely energy-efficient units. The system allows the connection from 2 to 5 Fly, One+ or Ice wall units, kompakt cassette, console or duct units to one (external) unit.

Each of the indoor units operates individually, has the option of independently adjusting the temperature and adjusting the power to the users' needs. When buying a Multi Split air conditioner, it is important to select the cooling capacity needed for each room in which the wall or cassette air conditioner will be placed.

The selected units are installed in the rooms and at the very end, each of the air conditioners is connected to a pre-installed single large unit (outdoor unit). This way, there is no need to install an indoor and an outdoor unit for each room.

Indoor units



KWX 09 | 12 | 18 | 24 HRGI

WI-FI AS A STANDARD

MODEL			KWX-09HRHI	KWX-12HRHI	KWX-18HRHI	KWX-24HRHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7
	heating	kW	2,9	3,8	5,6	7,3
Air flow rate		m³/h	466/360/325	540/430/314	840/680/540	980/817/662
Sound pressure level	(high/medium/low)	dB(A)	38,5/32/25/21	40,5/34,5/25/21	42,5/36/26/20	45/40,5/36/30
Dimensions w/h/d	net	mm	805/285/194	805/285/194	957/302/213	1040/327/220
	transport	mm	870/365/270	870/365/270	1035/385/295	1120/405/315
Weight	net	kg	7,6	7,6	10,0	12,3
	transport	kg	9,7	9,8	13,0	15,8
Pipe diameter	liquid	mm	6,35	6,35	6,35	9,52
	gas	mm	9,52	9,52	12,70	15,90

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KLW 09 | 12 | 18 | 24 HRHI / KLB 12 | 18 HRHI

WI-FI AS A STANDARD

MODEL			KLW-09HRHI	KLW-12HRHI	KLB-12HRHI	KLW-18HRHI	KLB-18HRHI	KLW-24HRHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	3,5	5,3	5,3	7,0
	heating	kW	2,9	3,8	3,8	5,6	5,6	7,3
Air flow rate		m³/h	510/360/300	520/370/310	520/370/310	800/600/500	800/600/500	1090/770/610
Sound pressure level	(high/medium/low)	dB(A)	37/31/22/19	39/33/22/21	39/33/22/21	41/37/31/20	41/37/31/20	46/37/34,5/21
Dimensions w/h/d	net	mm	835x295x208	835x295x208	835x295x208	969x320x241	969x320x241	1083x336x244
	transport	mm	905x355x290	905x355x290	905x355x290	1045x405x315	1045x405x315	1155x415x315
Weight	net	kg	8,7	8,7	8,7	11,2	11,2	13,6
	transport	kg	11,5	11,5	11,5	14,6	14,6	17,3
Pipe diameter	liquid	mm	6,35	6,35	6,35	6,35	6,35	9,52
	gas	mm	9,52	9,52	9,52	12,7	12,7	15,9



KCA3I-09HRG32X | KCA3U 12 | 18 HRG32X

MODEL			KCA3I-09HRG32X	KCA3U-12HRG32X	KCA3U-18HRG32X
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3
	heating	kW	2,8	3,8	5,6
Air flow rate		m³/h	580/500/450	620/510/420	720/620/500
Sound pressure level	(high/medium/low)	dB(A)	38/33/29	41/36/33/25,5	43/39,5/35,5/29
Dimensions w/h/d	net	mm	570/260/570	570/260/570	570/260/570
	transport	mm	662/317/662	662/317/662	662/317/662
Dimensions w/h/dpanel	net	mm	647/50/647	647/50/647	647/50/647
	transport	mm	715/123/715	715/123/715	715/123/715
Weight	net	kg	14,5/2,5	16,0/2,5	16,3/2,5
	transport	kg	17,3/4,5	20,4/4,5	20,6/4,5
Pipe diameter	liquid	mm	6,35	6,35	6,35
	gas	mm	9,52	9,52	12,70

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KTI-18HWG32X



KFAU-12 | 17 HRG32X

MODEL			KTI-18HWG32X	MODEL	KFAU-12HRG32X	KFAU-17HRG32X
Power supply		V/Hz/Ph	220÷240/50/1		220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	5,3		3,5	5,0
	heating	kW	5,6		3,8	5,3
Air flow rate		m³/h	911/706/515		650/580/490	780/690/600
Sound pressure level	(high/medium/low)	dB(A)	41/38/34/26		37/34/27	41/38/32
Available compression ratio	factory / max.	Pa	25/100			
Dimensions w/h/d	net	mm	880/210/674		794/621/206	794/621/206
	transport	mm	1070/280/725		865/719/280	865/719/280
Weight	net	kg	24,4		14,9	14,9
	transport	kg	29,6		18,8	18,8
Pipe diameter	liquid	mm	6,35		6,35	6,35
	gas	mm	12,70		9,52	12,7

Indoor units

Configuration table

The table shows possible options for connecting indoor units of different capacities to outdoor units. The figures in the table correspond to the capacity of the units expressed in thousands of BTU/h.

K2OE-18HFN32H

1 UNIT	2 UNITS
9	9+9
12	9+12
18	12+12

K30A-27HFN32H

1 UNIT	2 UNITS	3 UNITS		
9	9+9	12+12	9+9+9	12+12+12
12	9+12	12+18	9+9+12	
18	9+18		9+12+12	

K4OE-28HFN32H

1 UNIT	2 UNITS	3 UNITS	4 UNITS
9	9+9	12+12	9+9+9
12	9+12	12+18	9+12+12
18	9+18	18+18	9+9+18
24	9+24	12+24	12+12+12

K4OB-36HFN32H

1 UNIT	2 UNITS	3 UNITS	4 UNITS
9	9+9	12+24	9+9+9
12	9+12	24+9	9+18+18
18	9+18		9+12+24
24	12+12	9+9+18	12+12+12
	12+18	9+9+24	12+12+18
	18+18	9+12+12	9+9+12+12
		9+12+18	9+12+12+12
		9+12+18	12+12+12+12

K5OE-42HFN32H

1 UNIT	2 UNITS	3 UNITS		
9	9+9	12+12	9+9+9	9+12+12
12	9+12	12+18	9+9+12	9+12+18
18	9+18	12+24	9+9+18	9+12+24
24	9+24	18+18	9+9+24	9+18+18
			9+12+12	12+12+12
			9+12+18	12+12+18
			9+9+18	12+12+24
			9+9+24	12+18+18

4 UNITS			5 UNITS		
9+9+9+9	9+9+12+18	12+12+12+12	9+9+9+9+9		
9+9+9+12	9+9+12+24	12+12+12+18	9+9+9+9+12		
9+9+9+18	9+9+18+24		9+9+9+9+18		
9+9+9+24	9+12+12+12		9+9+9+12+12		
9+9+12+12	9+12+12+18		9+9+12+12+12		

Outdoor units

Technical specification

MODEL	outdoor unit		K20E-18HFN32H	K30A-27HFN32H	K40E-28HFN32H	K40B-36HFN32H	K50E-42HFN32H
Capacity average (min÷max)	cooling	kW	5,3(2,3÷5,7)	7,9(3,2÷8,2)	8,2(2,0÷9,8)	10,6(2,0÷12,7)	12,3(3,0÷12,3)
	heating	kW	5,6(2,4÷5,7)	8,2(2,3÷8,5)	8,8(2,4÷10,6)	10,8(2,3÷13,0)	12,3(3,5÷12,3)
Energy class	cooling/heating		A++/A+	A++/A+	A++/A	A++/A	A++/A
SEER	average	W/W	6,1	6,1	6,1	6,2	6,1
SCOP	average	W/W	3,8	4,0	3,8	3,8	3,5
Average power consumption (min÷max)	cooling	W	1635(690÷2000)	2450(290÷3100)	2540(890÷3180)	3270(1140÷4090)	3810(280÷4650)
	heating	W	1500(600÷1780)	2210(370÷2900)	2200(770÷2750)	2760(970÷3450)	3300(650÷3800)
Average operating current (min÷max)	cooling	A	7.3(3.2÷9.0)	11.2(2.0÷13.5)	11.3(3.9÷14.1)	14.3(5.1÷18.2)	16(1.4÷20.7)
	heating	A	6.6(2.80÷7.95)	10.1(2.4÷13)	9.8(3.4÷12.2)	12.1(4.3÷15.3)	14.6(3.0÷16.6)
Air flow rate		m³/h	2100	3000	3800	4000	3850
Operating temperature cooling/heating		°C	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24
Sound pressure level		dB(A)	54	58	61.5	63	64
Net dimensions w/h/d		mm	805/554/330	890/673/342	946/810/410	946/810/410	946/810/410
Transport dimensions w/h/d		mm	915/615/370	1030/750/438	1090/875/500	1090/875/500	1090/875/500
Net weight		kg	35,0	48,0	62,1	68,8	74,1
Transport weight		kg	38	51,8	67,7	75,6	79,5
Pipe diameter: liquid/gas		mm	2x 6,35/9,52	3x 6,35/9,52	3x 6,35/9,52 + 1x 6,35/12,7	3x 6,35/9,52 + 1x 6,35/12,7	4x 6,35/9,52 + 1x 6,35/12,7
Maximum installation length		m	40	60	80	80	80
Max. installation length for 1 indoor unit		m	25	30	35	35	35
Maximum height difference		m	15	15	15	15	15
Power supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Circuit breaker/fuse		A	16	20	25	25	25
Power supply lines	# of wires x mm²		3x2,5	3x2,5	3x4,0	3x4,0	3x4,0
Control lines			4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant		kg	1,25	1,85	2,10	2,10	2,90
Additional amount of refrigerant		g/m	12 (over 15 m of installation)	12 (over 22,5 m of installation)	12 (over 30 m of installation)	12 (over 30 m of installation)	12 (over 37,5 m of installation)