



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 or wall units, One+ Kompakt cassette 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-09HRGI	KWX-12HRGI	KWX-18HRGI	KWX-24HRGI
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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KRX 09 | 12 | 18 | 24 PEGI

WI-FI AS A STANDARD

MODEL			KRX-09PEGI	KRX-12PEGI	KRX-18PEGI	KRX-24PEGI
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		480/365/305	531/414/327	540/710/800	980/860/640
Sound pressure level	(high/medium/low)	dB(A)	36,5/29/24/20	39/33/25/21	43,5/39/32/22	46/42/33/28
Dimensions w/h/d	net	mm	805x302x193	805x302x193	964x325x222	1106x342x232
	transport	mm	875x375x290	875x375x290	1045x405x310	1195x420x320
Weight	net	kg	8,7	8,7	11,3	14,2
	transport	kg	11,4	11,4	14,7	18,1
Pipe diameter	liquid	mm	6,35	6,35	6,35	9,52
	gas	mm	9,52	9,52	12,70	15,90



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

MODEL			KTI-18HWG32X
Power supply		V/Hz/Ph	220÷240/50/1
Capacity	cooling	kW	5,3
	heating	kW	5,6
Air flow rate		m³/h	911/706/515
Sound pressure level	(high/medium/low)	dB(A)	41/38/34/26
Available compression ratio	factory / max.	Pa	25/100
Dimensions w/h/d	net	mm	880/210/674
	transport	mm	1070/280/725
Weight	net	kg	24,4
	transport	kg	29,6
Pipe diameter	liquid	mm	6,35
	gas	mm	12,70

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	24+12	9+12+24
24	12+12	9+9+24	12+12+12
	12+18	9+12+12	24+9+9
	18+18	9+12+18	24+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+12+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

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+9+12+18		

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	up to 5 m	kg	1,25	1,85	2,10	2,10	2,90
Additional amount of refrigerant	over 5 m	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)