

MULTISPLIT OUTDOOR UNITS

7 available power levels: from 4.15 to 12.30 kW.

Seasonal energy efficiency class on cooling/heating up to A++/A+ [for levels including 4.15, 8.00 and 8.20 kW].

Operating range: -15~50°C in cooling; -15~24°C in heating.

All outdoor unit compressors are equipped with Sine Wave Inverter Technology 180°, the function that significantly reduces noise levels and considerably increases energy efficiency at low frequencies.



HCKU 472 X2
HCKU 531 X2



HCKU 601 X3
HCKU 761 X3



HCKU 811 X4



HCKU 1061 X4
HCKU 1201 X5

Model			HCKU 472 X2	HCKU 531 X2	HCKU 601 X3	HCKU 761 X3	HCKU 811 X4	HCKU 1061 X4	HCKU 1201 X5														
Type			DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter														
No. connectable indoor units (min - max)		no.	1 - 2	1 - 2	2 - 3	2 - 3	2 - 4	2 - 4	2 - 5														
Rated Capacity (T=35°C)	Cooling	kW	4.15 (1.76-4.54)	5.20 (2.08-6.29)	6.10 (2.44-7.32)	8.00 (2.77-8.69)	8.20 (3.04-9.93)	11.05 (3.71-13.78)	12.30 (4.18-14.00)														
Rated absorbed power (T=35°C)	Cooling	W	1.28(0.42-1.43)	1.79 (0.59-2.16)	1.89 (0.68-2.38)	2.48 (0.76-2.93)	2.47 (0.84-3.09)	3.420 (0.89-4.29)	3.73 (1.01-4.55)														
Annual energy consumption	Cooling	kWh/a	206	282	339	403	401	523	566														
Seasonal energy efficiency class	Cooling	626/20111	A++	A++	A++	A++	A++	A++	A++														
Seasonal energy efficiency index	Cooling	SEER2	6.8	6.2	6.3	6.6	6.8	7.1	7.6														
Theoretical load (Pdesignc)	Cooling	kW	4.0	5.0	6.1	7.6	7.8	10.6	12.3														
Rated Capacity (T=7°C)	Heating	kW	4.40 (1.89-4.87)	5.50 (2.20-6.66)	6.60 (2.64-7.92)	8.60 (2.87-9.02)	8.80 (3.26-10.65)	11.30 (3.89-13.32)	12.50 (4.18-14.94)														
Rated absorbed power (T=7°C)	Heating	W	1.17 (0.39-1.33)	1.48 (0.50-1.85)	1.78 (0.64-2.22)	2.32 (0.70-2.70)	2.34 (0.83-3.05)	3.05 (0.83-3.98)	3.370 (0.91-4.21)														
Annual energy consumption	Heating	kWh/a	1295	1695	2034	1995	2415	3426	3537														
Seasonal energy efficiency class (average season)	Heating	626/20111	A+	A	A	A+	A+	A	A														
Seasonal energy efficiency class index (average season)	Heating	SCOP2	4.0	3.8	3.8	4.0	4.0	3.8	3.8														
Theoretical load (Pdesignh)	Heating	kW	3.7	4.6	5.5	5.7	6.9	9.3	9.6														
Power		Ph-V-Hz	1-220~240V-50HZ																				
		IU ~ OU	OU	OU	OU	OU	OU	OU	OU														
Rated absorbed current (cool. - heat.)		A	5.90 - 5.15	7.6 - 6.7	8.3 - 7.8	10.7 - 9.8	10.6 - 9.9	16.9 - 13.0	16.6 - 14.7														
Maximum current		A	11	12	15	16	17	22	22														
Connection wires IU/ OU (not including earthing)		no.	3																				
Refrigerant circuit																							
Diameter of refrigerant piping on liquid/gas side		inches	2 x ø6.35(1/4") 2 x ø9.52(3/8")			3 x ø6.35(1/4") 3 x ø9.52(3/8")		4 x ø6.35(1/4") 3 x ø9.52(3/8") + 1 x ø12.74(1/2")		5 x ø6.35(1/4") 4 x ø9.52(3/8") + 1 x ø12.74(1/2")													
Refrigerant pipe adapter	GAS	no.	1 x (9.52 -> 12.74)							1 x (9.52 -> 12.74) 1 x (12.74 -> 9.52) 1 x (12.74 -> 15.88)	2 x (9.52 -> 12.74) 1 x (12.74 -> 9.52) 1 x (12.74 -> 15.88)												
	LIQ	no.	-							1 x (6.35 -> 9.52)													
Total splitting length		m	40	40	60	60	80	80	80														
MAX refrigerant line length		m	25	25	30	30	35	35	35														
Max. splitting height difference IU/ OU		m	15	15	15	15	15	15	15														
Max. splitting height difference IU/ IU		m	10	10	10	10	10	10	10														
Quantity refrigerant pre-load		Kg	1.25	1.7	2.1	2.1	2.4	3	3.6														
Splitting length without additional load (for each IU)		m	7.5	7.5	7.5	7.5	see installation manual																
Additional load	Liquid pipe ø1/4"	g/m	15	15	15	15	15	15	15														
	Liquid pipe ø3/8"	g/m	-	-	-	-	30	30	30														
Operating limit range in cool.		°C	-15°C ~ +50°C																				
Operating limit range in heat.		°C	-15°C ~ +24°C																				
Product specifications																							
Outdoor unit	Dimensions (L*H*D)	mm	800	554	333	800	554	333	845	702	363	845	702	363	946	810	410	946	810	410	946	810	410
	Net weight	Kg	31.5			36.0			47.0			52.7			67.6			70.0			76.0		
Max sound power level		dB(A)	64			65			65			69			67			69			69		
Max air treated		m³/h	2100			2100			2700			3500			3800			5500			5500		

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 -- Value measured according to harmonised standard EN14825. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 times higher than 1 kg of CO₂ over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

Energy efficiency values refer to the following combinations: HCKU 472 X2 + 2xHKEU 262 XAL -- HCKU 531 X2 + 2xHKEU 262 XAL -- HCKU 601 X3 + 3xHKEU 262 XAL -- HCKU 761 X3 + 3xHKEU 262 XAL -- HCKU 811 X4 + 4xHKEU 262 XAL -- HCKU 1061 X4 + 4xHKEU 262 XAL -- HCKU 1201 X5 + 5xHKEU 262 XAL.

RESIDENTIAL AND COMMERCIAL R410A



V-DESIGN DC INVERTER - MULTISPLIT INDOOR UNITS - WALL



HKEU 262-352-532 XAL-(S)-1

Model			HKEU 262 XAL-(S)-1	HKEU 352 XAL-(S)-1	HKEU 532 XAL-(S)-1
Type			DC Inverter		
Capacity	Cooling	kW	2.64	3.52	5.28
	Heating	kW	2.93	3.81	5.57
Electrical data					
Power		Ph-V-Hz	1-220~240V-50HZ		1-220~240V-50HZ
		IU ~ OU	OU		OU
Connection wires IU/ OU (not including earthing)		no.	3		3
Refrigerant circuit					
Diameter of refrigerant piping on liquid/gas side		inches	ø6.35(1/4") -- ø9.52(3/8")		ø6.35(1/4") -- ø12.74(1/2")
Product specifications					
Indoor unit	Dimensions (LxHxD)	mm	897x312x182		1004x350x205
	Net weight	Kg	9.5		13
Sound level at 1 m (Hi/Mi/Lo)		dB(A)	35/26/21		39/33/28
Sound power level		dB(A)	51		56
Treated air (High / Med. / Low)		m ³ /h	400/300/240		740/620/480
Outside diameter of condensate drain		mm	16		16
Remote control (supplied)		type	Remote interactive (R.I.) remote control		Remote interactive (R.I.) remote control
Optional parts					
Wi-Fi module			YES		

ACTIVE DC INVERTER - MULTISPLIT INDOOR UNITS - WALL



HKEU 263-353-533-713 XAL-1

Model			HKEU 263 XAL-1	HKEU 353 XAL-1	HKEU 533 XAL-1	HKEU 713 XAL-1
Type			DC Inverter			
Capacity	Cooling	kW	2.59	3.33	5.37	7.14
	Heating	kW	2.98	3.74	5.52	7.97
Electrical data						
Power		Ph-V-Hz	1-220~240V-50HZ		1-220~240V-50HZ	1-220~240V-50HZ
		IU ~ OU	OU		OU	OU
Connection wires IU/ OU (not including earthing)		no.	3		3	3
Refrigerant circuit						
Diameter of refrigerant piping on liquid/gas side		inches	ø6.35(1/4") -- ø9.52(3/8")		ø6.35(1/4") -- ø12.74(1/2")	ø9.52(3/8") -- ø15.88(5/8")
Product specifications						
Indoor unit	Dimensions (LxHxD)	mm	715x285x194		805x285x194	957x302x213
	Net weight	Kg	7.3		7.8	10.5
Sound level at 1 m (Hi/Mi/Lo/Ulo)		dB(A)	40/34/29.5/22.5		41/36/28/23	42.5/37/33/23.5
Sound power level		dB(A)	53		53	55
Treated air (High / Med. / Low)		m ³ /h	420/320/270		570/470/370	840/680/540
Outside diameter of condensate drain		mm	16		16	16
Remote control (supplied)		type	Remote interactive (R.I.) remote control		Remote interactive (R.I.) remote control	Remote interactive (R.I.) remote control
Optional parts						
Wi-Fi module			YES			



MULTISPLIT INDOOR UNITS - CONSOLE



Remote control (standard)

HFU 350 ZAL

Model			HFU 350 ZAL
Type			DC Inverter
Capacity	Cooling	kW	3.49
	Heating	kW	3.78
Electrical data			
Power	Ph-V-Hz		1-220~240V-50HZ
	IU ~ OU		OU
Connection wires IU/ OU (not including earthing)	no.		3
Refrigerant circuit			
Diameter of refrigerant piping on liquid/gas side	mm/inches		ø 6.35(1/4") -ø 9.52(3/8")
Product specifications			
Indoor unit	Dimensions (LxHxD)	mm	700x600x210
	Net weight	Kg	14.8
Sound level at 1 m (Hi/Mi/Lo)		dB(A)	43/41.5/35
Sound power level		dB(A)	58
Treated air (High / Med. / Low)		m ³ /h	512/480/370
Outside diameter of condensate drain		mm	16
Remote control (supplied)		type	Remote interactive (R.I.) remote control
Optional parts			
Wired remote control			YES