

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)			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.

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	DC Inverter	DC Inverter	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	1-220~240V-50HZ
		IU ~ OU	OU	OU	OU	OU
Connection wires IU/ OU (not including earthing)		no.	3	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") -- 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	1040x327x220
	Net weight	Kg	7.3	7.8	10.5	12
Sound level at 1 m (Hi/Mi/Lo/U/Lo)		dB(A)	40/34/29,5/22,5	41/36/28/23	42,5/37/33/23,5	45/39/34/25
Sound power level		dB(A)	53	53	55	59
Treated air (High / Med. / Low)		m ³ /h	420/320/270	570/470/370	840/680/540	980/800/640
Outside diameter of condensate drain		mm	16	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	Remote interactive (R.I.) remote control
Optional parts						
Wi-Fi module			YES			

