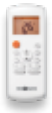
DUCTED WITH MEDIUM HEAD

HUCU 350-530 ZAL

NEW

Infrared remote control



Main features

2 available power levels: 3.52~5.28 kW.

Seasonal energy efficiency class in cooling/heating mode: A++/A+.

SEER/SCOP values 6.1/4.0 (5.28 kW).

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

Automatic adjustment of the head of the fan at constant flow rate.

Flexi air inlet, from the bottom or from the back.

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower part of the unit.

Indoor unit model			HUCU 350 ZAL	HUCU 530 ZAL
Outdoor unit model			HCKI 351 XA-1	HCKI 531 XA-1
Type			FULL DC-Inverter heat pump	
Control			Remote control	
Rated capacity (T=+35°C)		kW	3.52 (0.53~3.75)	5.28 (1.23~6.15)
Rated absorbed power (T=+35°C)		kW	1.30 (0.16~2.10)	1.64 (0.26~2.12)
Rated energy efficiency coefficient		EER[3]	2.71	3.22
Seasonal energy efficiency class	Cooling	626/2011[1]	A+	A++
Seasonal energy efficiency index		SEER[2]	5.6	6.1
Annual energy consumption		kWh/a	219	304
Theoretical load (Pdesignc)		kW	3.5	5.3
Rated capacity (T=+7°C)		kW	3.81 (1.00~4.00)	5.86 (1.80~7.03)
Rated absorbed power (T=+7°C)		kW	1.20 (0.30~2.10)	1.58 (0.31~2.15)
Rated energy performance coefficient		COP[3]	3.18	3.71
Energy efficiency class (intermediate climate season)	Heating	626/2011[1]	A+	A+
Seasonal energy efficiency index (intermediate climate season)		SCOP[2]	4.0	4.0
Annual energy consumption		kWh/a	910	1505
Theoretical load (Pdesignh)		kW	2.6	4.3
Operating limits (external temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Electrical data				
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ	
Power cable		Type	3 x 2.5 mm^2	3 x 4 mm^2
Absorbed current (rated)	Cooling	A	5.7 (1.3~10.0)	7.2 (1.1~9.2)
	Heating	A	5.5 (1.5~10.0)	7.0 (1.3~9.3)
Maximum current		A	10	13.5
Maximum absorbed power		kW	1.90	2.95
Connection wires between I.U. and O.U.		no.	4	4
Refrigerant circuit				
Refrigerant (GWP)[4]			R410A (2088)	
Quantity refrigerant pre-load		Kg	1.05	1.35
Tons of CO2 equivalent		t	2.192	2.819
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø12.74(1/2")
Max. splitting length		m	25	30
Max height difference I.U./O.U.		m	10	20
Splitting length without additional load		m	5	5
Additional load		g/m	15	15
Indoor unit specifications				
Dimensions	LxDxH	mm	700x450x200	880x674x210
	Net weight	Kg	18	24.3
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	40/34.5/27.5	42/38/33
Sound power level (I.U.)	Hi	dB(A)	59	60
Handled air volume	Hi/Mi/Lo	m^3/h	600/480/300	880/650/350
Fan pressure head	Std/Max	Pa	25/60	25/100
Motor power (Output)		W	130	90
Outside diameter of condensate drain		mm	ø25	ø25
Specifications of outdoor units				
Dimensions	LxDxH	mm	800x333x554	800x333x554
	Net weight	Kg	29.9	34.5
Sound pressure level (O.U.)		dB(A)	56	55.5
Sound power level (O.U.)		dB(A)	62	64
Handled air (Max)		m^3/h	2000	2000
Motor power (Output)		no. x W	1 x 63	1 x 34
Optional parts				
Wired remote control			YES	
Manual centralized control			YES	
Wi-Fi centralized control			XRV Mobile BMS	

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. 3 Value measured according to harmonised standard EN14511. 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 cooling fluid with a 2088 GWP. If 1 kg of this refrigerant was released into the atmosphere, then the impact on global warming would be 2088 times higher than 1 kg of CO2, for a period of 100 years. In no case should the user try to intervene on the refrigerant circuit or to disassemble the product. If necessary, always contact qualified personnel.

DUCTED WITH MEDIUM HEAD

HUCI 710-1080-1400-1600 ZA

NEW

Infrared remote control

Main features

4 power levels: single-phase 7.03 kW; three-phase 10.55 ~ 15.20 kW.

Seasonal energy efficiency class in cooling/heating mode: A++/A+ (7.03~10.55 kW); A+/A+ (14.07~15.20 kW).

SEER/SCOP values up to 6.1/4.0.

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

Automatic adjustment of the head of the fan at constant flow rate.

Flexi air inlet, from the bottom or from the back.

Condensate drain pump with possibility of raising the discharge up to 750 mm from the lower part of the unit.

Indoor unit model			**HUCI 710 ZA**	**HUCI 1080 ZA**	**HUCI 1400 ZA**	**HUCI 1600 ZA**
Outdoor unit model			**HCKI 711 XA-1**	**HCSI 1081 XA-1**	**HCSI 1401 XA-1**	**HCSI 1601 XA-1**
Type			**FULL DC-Inverter heat pump**			
Control			Remote control			
Rated capacity (T=+35°C)	Cooling	kW	7.03 (1.99~8.21)	10.55 (2.40~12.01)	14.07 (3.10~16.40)	15.20 (3.40~18.20)
Rated absorbed power (T=+35°C)		kW	2.18 (0.45~2.80)	4.06 (0.66~4.38)	5.03 (0.88~6.00)	6.30 (1.10~7.10)
Rated energy efficiency coefficient		EER[3]	3.23	2.60	2.80	2.41
Seasonal energy efficiency class		626/2011[1]	A++	A++	A+	A+
Seasonal energy efficiency index		SEER[2]	6.1	6.1	5.9	5.6
Annual energy consumption		kWh/a	402	591	813	956
Theoretical load (Pdesignc)		kW	7.0	10.3	13.7	15.3
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.40~8.65)	11.14 (2.78~13.2)	16.12 (3.50~18.20)	18.17 (4.20~20.50)
Rated absorbed power (T=+7°C)		kW	2.05 (0.48~2.85)	3.09 (0.65~4.40)	4.35 (0.92~5.90)	5.03 (1.15~7.20)
Rated energy performance coefficient		COP[3]	3.72	3.61	3.71	3.61
Energy efficiency class (intermediate climate season)		626/2011[1]	A+	A+	A+	A+
Seasonal energy efficiency index (intermediate climate season)		SCOP[2]	4.0	4.0	4.0	4.0
Annual energy consumption		kWh/a	2030	3675	4025	4235
Theoretical load (Pdesignh)		kW	5.8	10.5	11.5	12.1
Operating limits (external temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~24			
Electrical data						
Power	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ	3-380~415V-50HZ		
Power cable		Type	3 x 4 mm²	5 x 2.5 mm²	5 x 2.5 mm²	5 x 4 mm²
Absorbed current (rated)	Cooling	A	10.0 (2.0~12.2)	7.5 (1.2~8.0)	8.7 (1.6~10.9)	10.9 (2.0~12.9)
	Heating	A	8.9 (2.1~12.4)	5.7 (1.2~8.0)	7.5 (1.7~10.7)	8.7 (2.1~13.1)
Maximum current		A	14	10	13	14
Maximum absorbed power		kW	2.95	5.30	6.10	7.50
Connection wires between I.U. and O.U.		no.	5 (2 of which shielded)			
Refrigerant circuit						
Refrigerant (GWP)[4]			R410A (2088)			
Quantity refrigerant pre-load		Kg	1.95	3.2	4.00	4.3
Tons of CO2 equivalent		t	4.072	6.682	8.352	8.978
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52(3/8") - ø15.88(5/8")			
Max. splitting length		m	50	65	65	65
Max height difference I.U./O.U.		m	25	30	30	30
Splitting length without additional load		m	5	5	5	5
Additional load		g/m	30	30	30	30
Indoor unit specifications						
Dimensions	LxDxH	mm	1100x774x249	1360x774x249	1200x874x300	1200x874x300
	Net weight	Kg	31.5	40.5	47.6	47.6
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	44/42/40	47/43/40	50.5/49.5/48	54/52/50.5
Sound power level (I.U.)	Hi	dB(A)	64	63	70	74
Handled air volume	Hi/Mi/Lo	m³/h	1248/1054/839	1400/1150/750	2400/2040/1680	2600/2210/1820
Fan pressure head	Std/Max	Pa	25/160	37/160	50/160	50/160
Motor power (Output)		W	90	250	560	560
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25
Specifications of outdoor units						
Dimensions	LxDxH	mm	845x363x702	946x410x810	952x410x1333	952x410x1333
	Net weight	Kg	49	78.9	108.1	112.8
Sound pressure level (O.U.)		dB(A)	60.5	62	65	62.5
Sound power level (O.U.)		dB(A)	65	69	73	75
Handled air (Max)		m³/h	2700	4300	6800	7200
Motor power (Output)		no. x W	1 x 115	1 x 150	2 x 126	2 x 126
Optional parts						
Wired remote control			YES			
Manual centralized control			YES			
Wi-Fi centralized control			XRV Mobile BMS			

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