DUCTED WITH MEDIUM STATIC PRESSURE

HUCU 351-531 ZAL

	SEER	SCOP
3.52 kW	6.30/A++	4.00/A+
5.28 kW	6.50/A++	4.00/A+

Wired remote control included

-15~50° C in cooling
-15~24° C in heating

100 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height

Compatible with systems AIRZONE

Wi-Fi optional

Indoor unit model			HUCU 351 ZAL	HUCU 531 ZAL
Outdoor unit model			HCKI 351 ZA	HCKI 531 ZA
Type			FULL DC-Inverter heat pump	
Control (included)			Wired remote	
Rated capacity (T=+35°C)	Cooling	kW	3.52 (0.53~3.99)	5.28 (2.55~5.86)
Rated absorbed power (T=+35°C)		kW	1.05 (0.16~1.37)	1.53 (0.71~2.15)
Rated energy efficiency coefficient		EER[3]	3.34	3.45
Seasonal energy efficiency class		626/2011[1]	A++	A++
Seasonal energy efficiency index		SEER[2]	6.30	6.50
Annual energy consumption		kWh/a	194	291
Theoretical load (Pdesignc)		kW	3.50	5.40
Rated capacity (T=+7°C)	Heating	kW	3.81 (1.00~4.39)	5.57 (2.20~6.15)
Rated absorbed power (T=+7°C)		kW	1.04 (0.30~1.39)	1.51 (0.74~1.76)
Rated energy performance coefficient		COP[3]	3.67	3.69
Energy efficiency class (average season)		626/2011[1]	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.00	4.00
Annual energy consumption		kWh/a	945	1505
Theoretical load (Pdesignh) @-10° C		kW	2.70	4.30
Operating limits (outside temperature)	Cooling	°C	-15~50	
	Heating	°C	-15~24	
Electrical data				
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50HZ	
Power cable		Type	3 x 2.5 mm²	3 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4
Rated absorbed current (min~max)	Cooling	A	4.80 (1.30~6.10)	7.10 (3.20~9.60)
	Heating	A	4.50 (1.50~6.20)	6.80 (3.30~7.70)
Maximum current		A	9.00	13.50
Maximum absorbed power		kW	1.85	2.95
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	
Quantity refrigerant pre-load		Kg	0.72	1.15
Tons of CO2 equivalent		t	0.486	0.776
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	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	700x506x200	880x674x210
Net weight		Kg	17.8	24.4
Sound pressure level (I.U.)	Hi/Mi/Lo/ULo	dB(A)	34.5/30.5/29/23	41/38/34/26
Sound power level (I.U.)	Hi	dB(A)	57	58
Treated air volume	Hi/Mi/Lo	m³/h	600/480/300	911/706.3/515.2
Fan static pressure	Std/Max	Pa	25/60	25/100
Motor power (Output)		W	55	160
Outside diameter of condensate drain		mm	ø25	ø25
Specifications of outdoor units				
Dimensions	LxDxH	mm	765x303x555	805x330x554
Net weight		Kg	26.6	32.5
Sound pressure level / Sound power level (O.U.)		dB(A)	53.6 / 61	56 / 65
Treated air (Max)		m³/h	2200	2100
Motor power (Output)		n° x W	1 x 34	1 x 34
Optional parts				
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 refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 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.

DUCTED WITH MEDIUM STATIC PRESSURE

HUCI 711-1081-1401-1601 ZA

Wired remote control included

	SEER	SCOP
7.03 kW	6.20/A++	4.00/A+
10.55 kW	6.10/A++	4.00/A+
14.07 kW	6.10/A++	4.00/A+
15.24 kW	6.10/A++	4.00/A+

-15~50° C in cooling
-15~24° C in heating

160 Pa | Automatic adjustment of the static pressure of the fan at constant flow rate

Condensate drain pump included with possibility of raising the discharge up to 750 mm from the lower height

Compatible with systems AIRZONE

Wi-Fi optional

Indoor unit model			HUCI 711 ZA	HUCI 1081 ZA	HUCI 1401 ZA	HUCI 1601 ZA
Outdoor unit model			HCKI 711 ZA	HCSI 1081 ZA	HCSI 1401 ZA	HCSI 1601 ZA
Type			FULL DC-Inverter heat pump			
Control (included)			Wired remote			
Rated capacity (T=+35°C)	Cooling	kW	7.03 (3.28~8.16)	10.55 (2.73~11.78)	14.07 (3.52~15.53)	15.24 (4.10~17.29)
Rated absorbed power (T=+35°C)		kW	2.19 (0.75~2.96)	4.00 (0.89~4.20)	4.80 (0.88~6.00)	5.25 (1.03~6.65)
Rated energy efficiency coefficient		EER[3]	3.21	2.64	2.93	2.90
Seasonal energy efficiency class		626/2011[1]	A++	A++	A++	A++
Seasonal energy efficiency index		SEER[2]	6.20	6.10	6.10	6.10
Annual energy consumption		kWh/a	401	608	803	878
Theoretical load (Pdesignc)		kW	7.10	10.60	14.00	15.30
Rated capacity (T=+7°C)	Heating	kW	7.62 (2.81~8.49)	11.72 (2.78~12.84)	16.12 (4.10~18.17)	18.17 (4.40~20.52)
Rated absorbed power (T=+7°C)		kW	1.90 (0.64~2.58)	3.25 (0.78~4.00)	4.50 (0.95~5.70)	5.15 (0.95~6.60)
Rated energy performance coefficient		COP[3]	4.01	3.61	3.58	3.53
Energy efficiency class (average season)		626/2011[1]	A+	A+	A+	A+
Seasonal energy efficiency class index (average season)		SCOP[2]	4.00	4.00	4.00	4.00
Annual energy consumption		kWh/a	1890	3080	4025	4375
Theoretical load (Pdesignh) @-10° C		kW	5.40	8.80	11.50	12.50
Operating limits (outside temperature)	Cooling	°C	-15~50			
	Heating	°C	-15~24			
Electrical data						
Power supply	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 4 mm²	5 x 4 mm²
Connection wires between I.U. and O.U.		no.	4	4	4	4
Rated absorbed current (min~max)	Cooling	A	10.20 (4.20~13.20)	6.50 (1.40~6.70)	8.40 (1.90~10.40)	9.60 (3.10~11.50)
	Heating	A	9.20 (3.80~11.60)	5.30 (1.30~6.40)	8.00 (2.00~9.80)	9.50 (2.00~11.50)
Maximum current		A	19.00	10.00	13.00	14.00
Maximum absorbed power		kW	3.70	5.00	6.90	7.50
Refrigerant circuit						
Refrigerant (GWP)[4]			R32 (675)			
Quantity refrigerant pre-load		Kg	1.5	2.4	2.9	3
Tons of CO2 equivalent		t	1.013	1.620	1.958	2.025
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø9.52(3/8") - ø15.88(5/8")			
Max. splitting length		m	50	75	75	75
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	24	24	24	24
Indoor unit specifications						
Dimensions	LxDxH	mm	1100x774x249	1360x774x249	1200x874x300	1200x874x300
Net weight		Kg	32.3	40.5	47.4	47.6
Sound pressure level (I.U.)	Hi/Mi/Lo/ULo	dB(A)	42/40/37/27	49.5/48/46/42.5	50/49/47/42	52.5/49/47
Sound power level (I.U.)	Hi	dB(A)	61	61	66	66
Treated air volume	Hi/Mi/Lo	m³/h	1229/1035/825	2100/1800/1500	2400/2040/1680	2600/2210/1820
Fan static pressure	Std/Max	Pa	25/160	37/160	50/160	50/160
Motor power (Output)		W	160	300	560	560
Outside diameter of condensate drain		mm	ø25	ø25	ø25	ø25
Specifications of outdoor units						
Dimensions	LxDxH	mm	890x342x673	946x410x810	952x415x1333	952x415x1333
Net weight		Kg	43.9	66.9	103.7	107
Sound pressure level / Sound power level (O.U.)		dB(A)	60 / 67	63 / 70	63.5 / 73	64 / 74
Treated air (Max)		m³/h	3500	4000	7500	7500
Motor power (Output)		n°x W	1 x 80	1 x 120	2 x 85	2 x 85
Optional parts						
Manual centralized control			YES			
Wi-Fi centralized control			XRV Mobile BMS			

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