

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-1. 4-Way Cassette Type S-1014PU3E(100) / U-100PZ3E8

INDOOR		MODEL	S-1014PU3E(100)			-			-		
PANEL		MODEL	Standard type : CZ-KPU3 or CZ-KPU3W / ECONAVI type : CZ-KPU3A or CZ-KPU3AW			-			-		
OUTDOOR		MODEL	-			U-100PZ3E8			-		
Branch pipe		MODEL	-			-			-		
Performance test condition			ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		Ø, Hz	1Ø 50Hz			3Ø 50Hz			Min	Max	
		V	220V	230V	240V	380V	400V	415V			
C O O L I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.0	11.5	
		BTU/h	34100	34100	34100	-	-	-	10200	39200	
	Current	A	-	-	-	4.35	4.15	4.00	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.620k	2.620k	2.620k	0.560k	4.000k	
		Annual consumption TOTAL kWh *4	-	-	-	-	1310	-	-	-	
	EER/EER CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	3.82	3.82 / A	3.82	5.36	2.88	
	ErP *6	Pdesign kW	-	-	-	-	10.0	-	-	-	
		SEER (W/W)	-	-	-	-	6.7	-	-	-	
		Annual consumption kWh	-	-	-	-	521	-	-	-	
		Class	-	-	-	-	A++	-	-	-	
	Power factor %		-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)	45 / 38 / 32			-			-	-	
Power Level dB		60 / 53 / 47			-			-	-		
Noise outdoor		dB-A (H/L)	-			52 / -			-	-	
		Power Level dB	-			70 / -			-	-	
H E A T I N G	Capacity	kW	10.0	10.0	10.0	-	-	-	3.0	14.0	
		BTU/h	34100	34100	34100	-	-	-	10200	47800	
	Current	A	-	-	-	3.40	3.20	3.10	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.030k	2.030k	2.030k	0.560k	3.900k	
		COP/COP CLASS TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.93	4.93 / A	4.93	5.36	3.59
	ErP *6	Pdesign at -10°C kW	-	-	-	-	10.0	-	-	-	
		Tbivalent °C	-	-	-	-	-10	-	-	-	
		SCOP (W/W)	-	-	-	-	4.4	-	-	-	
		Annual consumption kWh	-	-	-	-	3182	-	-	-	
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	
		Class	-	-	-	-	A+	-	-	-	
	Power factor %		-	-	-	91	91	91	-	-	
Noise indoor *7	dB-A (H/M/L)	45 / 38 / 32			-			-	-		
	Power Level dB	60 / 53 / 47			-			-	-		
	Noise outdoor	dB-A (H/L)	-			52 / -			-	-	
		Power Level dB	-			70 / -			-	-	
LOW TEMP	Total capacity(kW) / Input power(W) / COP		-			-	-	-	-		
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP		-			-	-	-	-		
Max Current(A) / Max Input power(W)		-	-	-	11.9 / 5.99k	11.9 / 6.29k	11.9 / 6.49k	-	-		
Starting current(A) (Cooling/Heating)		-	-	-	4.35 / 3.40	4.15 / 3.20	4.00 / 3.10	-	-		
Comp output(W)		-	-	-	2.50k	2.50k	2.50k	-	-		
Time Delay fuse max size(A)		-	-	-	15			-	-		
Network Impedance(ΩMAX.)		-	-	-	-			-	-		
Fan motor output (Indoor/Outdoor) W		-	90	-	-	-	120	-	-		
Moisture removal volume		L/h	2.7 (2.7 ×1)			-	-	-	-		
External static pressure		Pa	-			-	-	-	-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	36.0 / 26.0 / 18.0			-	-	-	-		
	Heating	m³/min (H/M/L)	36.0 / 26.0 / 18.0			-	-	-	-		
Outdoor Air flow	Cooling	m³/min	-			-	73.0	-	-		
	Heating	m³/min	-			-	73.0	-	-		
Refrigerant type / amount(ship) kg / amount(max) kg		-	-	-	R32	2.400	3.300	-	-		
F-Gas	GWP /	-	-	-	675	1.62	2.23	-	-		
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	-	-	-	-	-	-	-	-		
Product dimension	Height mm	319	996			-	-	-	-		
	Width mm	840	980			-	-	-	-		
	Depth mm	840	370			-	-	-	-		
Product dimension (Panel)		H×W×D mm	33.5 × 950 × 950			-	-	-	-		
Packing dimension	Height mm	365	1134			-	-	-	-		
	Width mm	898	1095			-	-	-	-		
	Depth mm	898	529			-	-	-	-		
Weight	(NET) kg	25	83			-	-	-	-		
	(GROSS) kg	31	91			-	-	-	-		
	Panel (NET) kg	5	-			-	-	-	-		
	Layers limit (actually)		11 (12)	2 (3)			-	-	-	-	
Operation condition	Cool (DBT)	18°C ~ 32°C	-10°C ~ 43°C			-	-	-	-		
	Heat (DBT)	16°C ~ 30°C	-15°C ~ 24°C			-	-	-	-		
Max Working Pressure HP/LP MPa		4.15 / 2.55	-			-	-	-	-		
P I P I N G	Pipe port diameter mm (inch)	(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)	(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)			-	-	-	-		
	Pipe diameter mm (inch)	(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)	-			-	-	-	-		
	Connecting method	flared type	flared type			-	-	-	-		
	Standard length m	5 m	-			-	-	-	-		
	Pipe length range m	5 ~ 50 m	-			-	-	-	-		
	Indoor unit & Outdoor unit height difference m	15 m(OD located lower) / 30 m(OD located higher)	-			-	-	-	-		
	Add gas amount g/m	45 g/m	-			-	-	-	-		
	Pipe length for additional gas m	30 m	-			-	-	-	-		

* In the case of nanoe X OFF

*1 In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

*3 Network Impedance shall be applicable for EUROPE and CHINA models.

*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1)