

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-1. 4-Way Cassette Type S-3650PU3E(36) / U-36PZ3E5

INDOOR		MODEL	S-3650PU3E(36)			-			-		
PANEL		MODEL	Standard type : CZ-KPU3 or CZ-KPU3W / ECONAVI type : CZ-KPU3A or CZ-KPU3AW			-			-		
OUTDOOR		MODEL	-			U-36PZ3E5			-		
Branch pipe		MODEL	-			-			-		
Performance test condition			ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		Ø, Hz	1Ø 50Hz			1Ø 50Hz			Min	Max	
		V	220V	230V	240V	220V	230V	240V			
C O O L I N G	Capacity	kW	3.6	3.6	3.6	-	-	-	1.5	4.0	
		BTU/h	12300	12300	12300	-	-	-	5100	13600	
	Current	A	-	-	-	3.85	3.70	3.55	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	0.830k	0.830k	0.830k	0.255k	1.050k	
		Annual consumption TOTAL kWh *4	-	-	-	-	415	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	4.34	4.34 / A	4.34	5.88	3.81	
	ErP *6	Pdesign	kW	-	-	-	-	3.6	-	-	-
		SEER	(W/W)	-	-	-	-	8.1	-	-	-
		Annual consumption	kWh	-	-	-	-	156	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-	-
	Noise indoor *7	dB-A (H/M/L)	30 / 28 / 27			-			-	-	-
			Power Level dB			45 / 43 / 42			-	-	-
dB-A (H/L)		-			46 / -			-	-	-	
		Power Level dB			64 / -			-	-	-	
H E A T I N G	Capacity	kW	3.6	3.6	3.6	-	-	-	1.5	4.6	
		BTU/h	12300	12300	12300	-	-	-	5100	15700	
	Current	A	-	-	-	3.35	3.20	3.05	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	0.710k	0.710k	0.710k	0.230k	1.060k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"~"G")	-	-	-	5.07	5.07 / A	5.07	6.52	4.34
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.8	-	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	-	4.8	-	-	-
		Annual consumption	kWh	-	-	-	-	817	-	-	-
		elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class	-	-	-	-	A++	-	-	-	-
	Power factor	%	-	-	-	97	97	97	-	-	-
	Noise indoor *7	dB-A (H/M/L)	30 / 28 / 27			-			-	-	-
Power Level dB			45 / 43 / 42			-	-	-			
dB-A (H/L)		-			47 / -			-	-	-	
		Power Level dB			66 / -			-	-	-	
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)		-	-	-	8.90 / 1.95k	8.90 / 1.99k	8.90 / 2.04k	-			
Starting current(A) (Cooling/Heating)		-	-	-	3.85 / 3.35	3.70 / 3.20	3.55 / 3.05	-			
Comp output(W)		-			1.10k	1.10k	1.10k	-			
Time Delay fuse max size(A)		-			15			-			
Network Impedance(ΩMAX.)		-			-			-			
Fan motor output (Indoor/Outdoor) W		60			40			-			
Moisture removal volume		L/h	0.7 (0.7 ×1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	14.5 / 13.0 / 11.5			-			-	-	
	Heating	m³/min (H/M/L)	14.5 / 13.0 / 11.5			-			-	-	
Outdoor Air flow	Cooling	m³/min	-			33.6			-	-	
	Heating	m³/min	-			34.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg		-			R32	0.870	0.950	-			
F-Gas	GWP /	-			675	0.59	0.64	-			
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	-			-						
Product dimension	Height	mm	256			619			-		
	Width	mm	840			824			-		
	Depth	mm	840			299			-		
Product dimension (Panel)		H×W×D	mm 33.5 × 950 × 950			-			-		
Packing dimension	Height	mm	302			680			-		
	Width	mm	898			958			-		
	Depth	mm	898			416			-		
Weight	(NET)	kg	19			32			-		
	(GROSS)	kg	25			35			-		
	Panel (NET)	kg	5			-			-		
Layers limit (actually)		11 (12)			5 (6)			-			
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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-		
	Pipe diameter mm (inch)		(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			-			-		
	Connecting method		flared type			flared type			-		
	Standard length m		5 m			-			-		
	Pipe length range m		3 ~ 15 m			-			-		
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 15 m(OD located higher)			-			-		
	Add gas amount g/m		10 g/m			-			-		
	Pipe length for additional gas m		7.5 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)