

## 1-1. Unit Specifications

## Single - Type

## 1-1-3. PZH4

## 1-1-3-1. 4-Way Cassette Type S-6071PU3E(71) / U-71PZH4E5

INDOOR		MODEL	S-6071PU3E(71)								
PANEL		MODEL	Standard : CZ-KPU3 or CZ-KPU3W / ECONAVI : CZ-KPU3A or CZ-KPU3AW								
OUTDOOR		MODEL				U-71PZH4E5					
Branch pipe		MODEL									
Performance test condition			ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		Ø, Hz	1Ø 50Hz			1Ø 50Hz					
		V	220V	230V	240V	220V	230V	240V	Min	Max	
C O O L I N G	Capacity	kW	7.1	7.1	7.1	-	-	-	2.2	9.0	
		BTU/h	24200	24200	24200	-	-	-	7500	30700	
	Current	A	0.40	0.39	0.38	8.85	8.45	8.10	-	-	
		W	42	42	42	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.75k	1.75k	1.75k	380	3.35k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	875	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.06	4.06 / A	4.06	5.79	2.69	
	ErP *6	Pdesign	kW	-	-	-	-	7.1	-	-	
		SEER	(W/W)	-	-	-	-	7.7	-	-	
		Annual consumption	kWh	-	-	-	-	323	-	-	
		Class		-	-	-	-	A++	-	-	
	Power factor	%	-	-	-	90	90	90	-	-	
	Noise indoor *7	dB-A (H/M/L)		37/31/28						-	-
		Power Level dB		52/46/43						-	-
Noise outdoor	dB-A (H/L)					48/-			-	-	
	Power Level dB					65/-			-	-	
H E A T I N G	Capacity	kW	8.0	8.0	8.0	-	-	-	2.0	9.0	
		BTU/h	27300	27300	27300	-	-	-	6800	30700	
	Current	A	0.39	0.38	0.37	9.40	9.00	8.60	-	-	
		W	40	40	40	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.86k	1.86k	1.86k	360	2.85k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.30	4.30 / A	4.30	5.56	3.16
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	5.2	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	
		SCOP	(W/W)	-	-	-	-	4.8	-	-	
		Annual consumption	kWh	-	-	-	-	1517	-	-	
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-	
		Class		-	-	-	-	A++	-	-	
	Power factor	%	-	-	-	90	90	90	-	-	
	Noise indoor *7	dB-A (H/M/L)		37/31/28						-	-
Power Level dB			52/46/43						-	-	
Noise outdoor	dB-A (H/L)					50/-			-	-	
	Power Level dB					67/-			-	-	
LOW TEMP	Total capacity(kW) / Input power(W) / COP					-	-	-	-	-	
EXTRA LOW TEMP	Total capacity(kW) / Input power(W) / COP					6.00	-	-	-	-	
Max Current(A) / Max Input power(W)			0.53/56	0.51/56	0.48/56	20.4 / 4.07k	20.4 / 4.22k	20.4 / 4.42k	-	-	
Starting current(A) (Cooling/Heating)			-	-	-	8.85 / 9.40	8.45 / 9.00	8.10 / 8.60	-	-	
Comp output(W)						2.00k	2.00k	2.00k	-	-	
Time Delay fuse max size(A)						25			-	-	
Network Impedance(ΩMAX.)									-	-	
Fan motor output (Indoor/Outdoor) W			60			120			-	-	
Moisture removal volume			L/h		2.5 (2.5x1)				-	-	
External static pressure			Pa		-				-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	22.0 / 16.0 / 13.0						-	-	
	Heating	m³/min (H/M/L)	22.0 / 16.0 / 13.0						-	-	
Outdoor Air flow	Cooling	m³/min				62.0			-	-	
	Heating	m³/min				66.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg						R32	1.950	2.850	-	-	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	1.32	1.92	-	-	
	Product dimension		Height mm	256		996					
		Width mm	840		980						
		Depth mm	840		370						
Product dimension (Panel)		H×W×D mm	33.5 x 950 x 950								
Packing dimension	Height mm	302		1134							
	Width mm	898		1095							
	Depth mm	898		529							
Weight	(NET) kg	20		66							
	(GROSS) kg	26		74							
	Panel (NET) kg	5									
Layers limit (actually)			11(12)		1 (2)						
Operation condition	Cool (DBT)	18°C~32°C			-15°C ~ 52°C						
	Heat (DBT)	16°C~30°C			-20°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)		(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 ~ 60 m								
	Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 30 m(OD located higher)								
	Add gas amount (20~85) g/m		30 g/m								
	Add gas amount (85~100) g/m		- g/m								
	Pipe length for additional gas m		30m								

\* 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)