

1-1. Unit Specifications

Single - Type

1-1-3. PZH4

1-1-3-1. 4-Way Cassette Type S-6071PU3E(71) / U-71PZH4E8

INDOOR			MODEL		S-6071PU3E(71)			-			-		
PANEL			MODEL		Standard : CZ-KPU3 or CZ-KPU3W / ECONAVI : CZ-KPU3A or CZ-KPU3AW			-			-		
OUTDOOR			MODEL		-			U-71PZH4E8			-		
Branch pipe			MODEL		-							-	
Performance test condition					ISO5151 / EN14511 / EN12102 / EN14825								
Power supply			Ø, Hz		1Ø 50Hz			3Ø 50Hz					
			V		220V	230V	240V	380V	400V	415V	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	2.95	2.80	2.70	-	-	
	Input power		W		42	42	42	-	-	-	-	-	
			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	3.15	3.00	2.90	-	-		
Input power		W		40	40	40	-	-	-	-	-		
		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	6.90 / 4.17k	6.90 / 4.32k	6.90 / 4.47k	-		-	
Starting current(A) (Cooling/Heating)			-		-	-	2.95 / 3.15	2.80 / 3.00	2.70 / 2.90	-		-	
Comp output(W)			-		-	-	2.00k	2.00k	2.00k	-		-	
Time Delay fuse max size(A)			-		-	-	15			-		-	
Network Impedance(QMAX.)			-		-	-	-			-		-	
Fan motor output (Indoor/Outdoor) W			-		60	-	120			-		-	
Moisture removal volume			L/h		2.5 (2.5×1)		-			-		-	
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 /		-				675		1.32	1.92	-		-
	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)		-				-		-	-	-		-
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)				-			-		-	
	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)