

1-1. Unit Specifications

1-1-1. PZ3

Single - Type

1-1-1-4. Ceiling Type S-3650PT3E(36) / U-36PZ3E5

INDOOR			MODEL		S-3650PT3E(36)			-			-	
PANEL			MODEL		-			-			-	
OUTDOOR			MODEL		-			U-36PZ3E5			-	
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		3.5	3.5	3.5	-	-	-	1.5	4.0	
		BTU/h		11900	11900	11900	-	-	-	5100	13600	
	Current	A		-	-	-	3.90	3.75	3.60	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	0.845k	0.845k	0.845k	290	1.10k	
		TOTAL kWh *4		-	-	-	-	422.5	-	-	-	
	EER/EER CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	-	4.14	4.14 / A	4.14	5.17	3.64
	ErP *6	Pdesign kW		-	-	-	-	3.5	-	-	-	-
		SEER (W/W)		-	-	-	-	7.2	-	-	-	-
		Annual consumption kWh		-	-	-	-	171	-	-	-	-
		Class		-	-	-	-	A++	-	-	-	-
	Power factor		%		-	-	-	98	98	98	-	-
	Noise indoor *7	dB-A (H/M/L)		36 / 32 / 28			-			-		
Power Level dB		54 / 50 / 46			-			-			-	
dB-A (H/L)		-			46 / -			-			-	
Power Level dB		-			64 / -			-			-	
H E A T I N G	Capacity	kW		3.5	3.5	3.5	-	-	-	1.5	4.6	
		BTU/h		11900	11900	11900	-	-	-	5100	15700	
	Current	A		-	-	-	3.55	3.40	3.25	-	-	
		W		-	-	-	-	-	-	-	-	
	Input power	TOTAL W		-	-	-	0.760k	0.760k	0.760k	263	1.31k	
		COP/COP CLASS		TOTAL (W/W) *5/ ("A"~"G")		-	-	4.61	4.61 / A	4.61	5.70	3.51
	ErP *6	Pdesign at -10°C kW		-	-	-	-	2.8	-	-	-	-
		Tbivalent °C		-	-	-	-	-10	-	-	-	-
		SCOP (W/W)		-	-	-	-	4.4	-	-	-	-
		Annual consumption kWh		-	-	-	-	891	-	-	-	-
		elbu(-10°C) kW		-	-	-	-	0.00	-	-	-	-
		Class		-	-	-	-	A+	-	-	-	-
	Power factor		%		-	-	-	97	97	97	-	-
Noise indoor *7	dB-A (H/M/L)		36 / 32 / 28			-			-			-
	Power Level dB		54 / 50 / 46			-			-			-
	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)		-			-	-	3.90 / 3.55	3.75 / 3.40	3.60 / 3.25	-		
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		-			32	-	-	40	-			
Moisture removal volume		L/h	0.8 (0.8 × 1)			-	-	-	-			
External static pressure		Pa	-			-	-	-	-			
Indoor Air flow *7	Cooling	m³/min (H/M/L)	14.0 / 12.0 / 10.5			-			-	-	-	
	Heating	m³/min (H/M/L)	14.0 / 12.0 / 10.5			-			-	-	-	
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	235			619			-			
	Width	mm	960			824			-			
	Depth	mm	690			299			-			
Product dimension (Panel)		H×W×D mm	-			-			-			
Packing dimension	Height	mm	360			680			-			
	Width	mm	1025			958			-			
	Depth	mm	820			416			-			
Weight	(NET)	kg	26			32			-			
	(GROSS)	kg	34			35			-			
	Panel (NET)	kg	-			-			-			
Layers limit (actually)		9 (10)			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 E 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			-						
N G	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)