

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(36) / U-36PZ3E5

INDOOR		MODEL	S-3650PK3E(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	3.6	3.6	3.6	-	-	-	1.5	4.0
		BTU/h	12300	12300	12300	-	-	-	5100	13600
	Current	A	-	-	-	4.05	3.85	3.70	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	0.870k	0.870k	0.870k	255	1.07k
		Annual consumption TOTAL kWh *4	-	-	-	-	435	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.14	4.14 / A	4.14	5.88	3.74
	ErP *6	Pdesign	kW	-	-	-	-	3.6	-	-
		SEER	(W/W)	-	-	-	-	7.6	-	-
	Annual consumption	kWh	-	-	-	-	166	-	-	-
		Class	-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	98	98	98	-	-
	Noise indoor *7	dB-A (H/M/L)	35 / 31 / 27						-	-
		Power Level dB	51 / 47 / 43						-	-
Noise outdoor	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	-	-	-	3.65	3.50	3.35	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	0.780k	0.780k	0.780k	230	1.12k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.62	4.62 / A	4.62	6.52
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	2.8	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-
	Annual consumption	SCOP	(W/W)	-	-	-	-	4.5	-	-
		kWh	-	-	-	-	872	-	-	-
	elbu(-10°C)	kW	-	-	-	-	0.00	-	-	-
		Class	-	-	-	-	A+	-	-	-
	Power factor	%	-	-	-	97	97	97	-	-
	Noise indoor *7	dB-A (H/M/L)	35 / 31 / 27						-	-
Power Level dB		51 / 47 / 43						-	-	
Noise outdoor	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)					4.05 / 3.65	3.85 / 3.50	3.70 / 3.35			
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					54				40	
Moisture removal volume		L/h	0.9 (0.9 × 1)						-	
External static pressure		Pa							-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	13.0 / 11.0 / 9.0						-	
	Heating	m³/min (H/M/L)	13.0 / 11.0 / 9.0						-	
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	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	GWP /				675	0.59	0.64		
Product dimension	Height	mm	302			619				
	Width	mm	1120			824				
	Depth	mm	236			299				
Product dimension (Panel)		H×W×D								
Packing dimension	Height	mm	282			680				
	Width	mm	1190			958				
	Depth	mm	378			416				
Weight	(NET)	kg	13			32				
	(GROSS)	kg	16			35				
	Panel (NET)	kg								
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)			(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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50) / U-50PZ3E5

INDOOR		MODEL	S-3650PK3E(50)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-50PZ3E5			-	-
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	5.0	5.0	5.0	-	-	-	1.5	5.6
		BTU/h	17100	17100	17100	-	-	-	5100	19100
	Current	A	-	-	-	6.60	6.30	6.05	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.420k	1.420k	1.420k	240	1.85k
		Annual consumption	TOTAL kWh *4	-	-	-	710	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.52	3.52 / A	3.52	6.25	3.03
	ErP *6	Pdesign	kW	-	-	-	5.0	-	-	-
		SEER	(W/W)	-	-	-	7.4	-	-	-
		Annual consumption	kWh	-	-	-	237	-	-	-
Class		-	-	-	A++	-	-	-		
Power factor	%	-	-	-	98	98	98	-	-	
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-	
	Power Level dB	56 / 52 / 48						-	-	
Noise outdoor	dB-A (H/L)				46 / -			-	-	
	Power Level dB				64 / -			-	-	
H E A T I N G	Capacity	kW	5.0	5.0	5.0	-	-	-	1.5	6.4
		BTU/h	17100	17100	17100	-	-	-	5100	21800
	Current	A	-	-	-	5.60	5.35	5.10	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.190k	1.190k	1.190k	200	2.02k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.20	4.20 / A	4.20	7.50
	ErP *6	Pdesign at -10°C	kW	-	-	-	4.0	-	-	-
		Tbivalent	°C	-	-	-	-10	-	-	-
		SCOP	(W/W)	-	-	-	4.4	-	-	-
		Annual consumption	kWh	-	-	-	1273	-	-	-
elbu(-10°C)		kW	-	-	-	0.00	-	-	-	
Class		-	-	-	A+	-	-	-		
Power factor	%	-	-	-	97	97	97	-	-	
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-	
	Power Level dB	56 / 52 / 48						-	-	
Noise outdoor	dB-A (H/L)				46 / -			-	-	
	Power Level dB				64 / -			-	-	
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)					10.5 / 2.20k	10.5 / 2.25k	10.5 / 2.30k			
Starting current(A) (Cooling/Heating)					6.60 / 5.60	6.30 / 5.35	6.05 / 5.10			
Comp output(W)					1.50k	1.50k	1.50k			
Time Delay fuse max size(A)					15					
Network Impedance(ΩMAX.)										
Fan motor output (Indoor/Outdoor) W		54			40					
Moisture removal volume		L/h	1.8 (1.8 × 1)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.0 / 13.5 / 11.0							
	Heating	m³/min (H/M/L)	16.0 / 13.5 / 11.0							
Outdoor Air flow	Cooling	m³/min				32.7				
	Heating	m³/min				31.9				
Refrigerant type / amount(ship) kg / amount(max) kg					R32	1.140	1.330			
F-Gas	CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)	GWP /					675	0.77	0.90	-
Product dimension	Height	mm	302			619				
	Width	mm	1120			824				
	Depth	mm	236			299				
Product dimension (Panel)		H×W×D								
Packing dimension	Height	mm	282			680				
	Width	mm	1190			958				
	Depth	mm	378			416				
Weight	(NET)	kg	13			35				
	(GROSS)	kg	16			38				
	Panel (NET)	kg								
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)			(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 ~ 20 m								
Indoor unit & Outdoor unit height difference m		15 m(OD located lower) / 15 m(OD located higher)								
Add gas amount g/m		15 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(60) / U-60PZ3E5A

INDOOR		MODEL	S-6010PK3E(60)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-60PZ3E5A			-	-
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	6.1	6.1	6.1	-	-	-	2.0	7.1
		BTU/h	20800	20800	20800	-	-	-	6800	24200
	Current	A	-	-	-	7.70	7.35	7.05	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.660k	1.660k	1.660k	290	2.36k
		Annual consumption	TOTAL kWh *4	-	-	-	-	830	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.67	3.67 / A	3.67	6.90	3.01
	ErP *6	Pdesign	kW	-	-	-	-	6.1	-	-
		SEER	(W/W)	-	-	-	-	7.0	-	-
		Annual consumption	kWh	-	-	-	-	305	-	-
		Class		-	-	-	-	A++	-	-
	Power factor	%	-	-	-	98	98	98	-	-
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-
		Power Level dB	63 / 60 / 56						-	-
Noise outdoor	dB-A (H/L)				47 / -			-	-	
	Power Level dB				64 / -			-	-	
H E A T I N G	Capacity	kW	6.1	6.1	6.1	-	-	-	1.8	7.0
		BTU/h	20800	20800	20800	-	-	-	6100	23900
	Current	A	-	-	-	6.45	6.15	5.90	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	1.390k	1.390k	1.390k	240	2.20k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	4.39	4.39 / A	4.39	7.50
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	4.6	-	-
		Tbivalent	°C	-	-	-	-	-10	-	-
		SCOP	(W/W)	-	-	-	-	4.7	-	-
		Annual consumption	kWh	-	-	-	-	1370	-	-
	Power factor	%	-	-	-	98	98	98	-	-
		dB-A (H/M/L)	47 / 44 / 40						-	-
	Noise indoor *7	Power Level dB	63 / 60 / 56						-	-
		dB-A (H/L)				48 / -			-	-
Noise outdoor	Power Level dB				65 / -			-	-	
	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)					-	13.1 / 2.60k	13.1 / 2.65k	13.1 / 2.70k	-	
Starting current(A) (Cooling/Heating)					-	7.70 / 6.45	7.35 / 6.15	7.05 / 5.90	-	
Comp output(W)					-	1.70k	1.70k	1.70k	-	
Time Delay fuse max size(A)					-	-	20	-		
Network Impedance(ΩMAX.)					-	-	-	-		
Fan motor output (Indoor/Outdoor) W		54			40			-		
Moisture removal volume		L/h	2.0 (2.0 × 1)						-	
External static pressure		Pa							-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 / 17.5 / 14.5						-	
	Heating	m³/min (H/M/L)	20.0 / 17.5 / 14.5						-	
Outdoor Air flow	Cooling	m³/min				42.6			-	
	Heating	m³/min				41.5			-	
Refrigerant type / amount(ship) kg / amount(max) kg					R32	1.150	1.300	-		
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	0.78	0.88	-		
	Product dimension	Height mm	302			695			-	
Product dimension (Panel)	Width mm	1120			875			-		
	Depth mm	236			320			-		
	H×W×D mm							-		
Packing dimension	Height mm	282			761			-		
	Width mm	1190			1049			-		
	Depth mm	378			460			-		
Weight	(NET) kg	14			42			-		
	(GROSS) kg	17			46			-		
	Panel (NET) kg							-		
Layers limit (actually)		11 (12)			3 (4)			-		
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)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 ~ 40 m			-		
	Indoor unit & Outdoor unit height difference m				15 m(OD located lower) / 30 m(OD located higher)			-		
	Add gas amount g/m				15 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) / U-71PZ3E5A

INDOOR		MODEL	S-6010PK3E(71)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-71PZ3E5A			-	-	
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	-	-	-	2.6	7.7	
		BTU/h	24200	24200	24200	-	-	-	8900	26300	
	Current	A	-	-	-	10.4	10.0	9.55	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.250k	2.250k	2.250k	520	2.78k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1125	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G")	-	-	-	3.16	3.16 / B	3.16	5.00	2.77	
	ErP *6	Pdesign	kW	-	-	-	-	7.1	-	-	
		SEER	(W/W)	-	-	-	-	5.8	-	-	
		Annual consumption	kWh	-	-	-	-	429	-	-	
Class		-	-	-	-	A+	-	-			
Power factor	%	-	-	-	98	98	98	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-		
	Power Level dB	63 / 60 / 56						-	-		
Noise outdoor	dB-A (H/L)				48 / -			-	-		
	Power Level dB				66 / -			-	-		
H E A T I N G	Capacity	kW	7.1	7.1	7.1	-	-	-	2.1	8.1	
		BTU/h	24200	24200	24200	-	-	-	7200	27600	
	Current	A	-	-	-	7.80	7.45	7.15	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	1.680k	1.680k	1.680k	330	2.40k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G")	-	-	-	4.23	4.23 / A	4.23	6.36	3.38
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	5.2	-	-	
		Tbivalent	°C	-	-	-	-	-10	-	-	
		SCOP	(W/W)	-	-	-	-	4.4	-	-	
		Annual consumption	kWh	-	-	-	-	1653	-	-	
elbu(-10°C)		kW	-	-	-	-	0.00	-	-		
Class		-	-	-	-	A+	-	-			
Power factor	%	-	-	-	98	98	98	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-		
	Power Level dB	63 / 60 / 56						-	-		
Noise outdoor	dB-A (H/L)				49 / -			-	-		
	Power Level dB				68 / -			-	-		
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)					14.8 / 3.02k		14.8 / 3.12k		14.8 / 3.22k		
Starting current(A) (Cooling/Heating)					10.4 / 7.80		10.0 / 7.45		9.55 / 7.15		
Comp output(W)					2.00k		2.00k		2.00k		
Time Delay fuse max size(A)							20				
Network Impedance(ΩMAX.)											
Fan motor output (Indoor/Outdoor) W		54			40						
Moisture removal volume		L/h	3.0 (3.0 × 1)								
External static pressure		Pa									
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 / 17.5 / 14.5								
	Heating	m³/min (H/M/L)	20.0 / 17.5 / 14.5								
Outdoor Air flow	Cooling	m³/min				44.7					
	Heating	m³/min				45.9					
Refrigerant type / amount(ship) kg / amount(max) kg					R32		1.320		1.490		
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675		0.89		1.01	
	Product dimension		Height mm	302			695				
		Width mm	1120			875					
		Depth mm	236			320					
Product dimension (Panel)		H×W×D mm									
Packing dimension	Height mm	282			761						
	Width mm	1190			1049						
	Depth mm	378			460						
Weight	(NET) kg	14			50						
	(GROSS) kg	17			54						
	Panel (NET) kg										
Layers limit (actually)		11 (12)			3 (4)						
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)Ø6.35(1/4) (Gas)Ø15.88(5/8)						
	Pipe diameter mm (inch)	(Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8)									
	Connecting method	flared type			flared type						
	Standard length m	5 m									
	Pipe length range m	3 ~ 40 m									
	Indoor unit & Outdoor unit height difference m	20 m(OD located lower) / 30 m(OD located higher)									
	Add gas amount g/m	17 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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(100) / U-100PZ3E5

INDOOR		MODEL	S-6010PK3E(100)						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-100PZ3E5			-	-
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	9.0	9.0	9.0	-	-	-	3.0	9.7
		BTU/h	30700	30700	30700	-	-	-	10200	33100
	Current	A	-	-	-	12.9	12.4	11.9	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	2.590k	2.590k	2.590k	560	3.10k
		Annual consumption	TOTAL kWh *4	-	-	-	-	1295	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.47	3.47 / A	3.47	5.36	3.13
	ErP *6	Pdesign	kW	-	-	-	-	9.0	-	-
		SEER	(W/W)	-	-	-	-	6.5	-	-
		Annual consumption	kWh	-	-	-	-	485	-	-
		Class		-	-	-	-	A++	-	-
	Power factor	%	-	-	-	91	91	91	-	-
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41						-	-
		Power Level dB	65 / 61 / 57						-	-
Noise outdoor	dB-A (H/L)				52 / -			-	-	
	Power Level dB				70 / -			-	-	
H E A T I N G	Capacity	kW	9.0	9.0	9.0	-	-	-	3.0	10.5
		BTU/h	30700	30700	30700	-	-	-	10200	35800
	Current	A	-	-	-	11.4	10.9	10.5	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	2.290k	2.290k	2.290k	560	2.95k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.93	3.93 / A	3.93	5.36
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	9.0	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-
		SCOP	(W/W)	-	-	-	-	3.9	-	-
		Annual consumption	kWh	-	-	-	-	3231	-	-
		elbu(-10°C)	kW	-	-	-	-	1.25	-	-
	Class		-	-	-	-	A	-	-	
	Power factor	%	-	-	-	91	91	91	-	-
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41						-	-
Power Level dB		65 / 61 / 57						-	-	
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)					27.9 / 5.69k	27.9 / 5.94k	27.9 / 6.14k			
Starting current(A) (Cooling/Heating)					12.9 / 11.4	12.4 / 10.9	11.9 / 10.5			
Comp output(W)					2.50k	2.50k	2.50k			
Time Delay fuse max size(A)					35					
Network Impedance(ΩMAX.)										
Fan motor output (Indoor/Outdoor) W		54			120					
Moisture removal volume		L/h	4.3 (4.3 × 1)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	22.0 / 18.5 / 15.0							
	Heating	m³/min (H/M/L)	22.0 / 18.5 / 15.0							
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	1.62	2.23		
	Product dimension		Height mm	302			996			
		Width mm	1120			980				
		Depth mm	236			370				
Product dimension (Panel)		H×W×D mm								
Packing dimension	Height mm		282			1134				
	Width mm		1190			1095				
	Depth mm		378			529				
Weight	(NET) kg		14			83				
	(GROSS) kg		17			91				
	Panel (NET) kg									
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)

1-1. Unit Specifications

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50)×2 / U-100PZ3E5

Simultaneous (Twin) - Type

INDOOR		MODEL	S-3650PK3E(50) ×2						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-100PZ3E5			-	-	
Branch pipe		MODEL				CZ-P155BK1			-	-	
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	10.0	10.0	10.0	-	-	-	3.0	11.0	
		BTU/h	34100	34100	34100	-	-	-	10200	37500	
	Current	A	-	-	-	14.4	13.8	13.2	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.880k	2.880k	2.880k	560	4.00k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1440	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.47	3.47 / A	3.47	5.36	2.75	
	ErP *6	Pdesign	kW	-	-	-	-	10.0	-	-	
		SEER	(W/W)	-	-	-	-	6.4	-	-	
		Annual consumption	kWh	-	-	-	-	547	-	-	
Class		-	-	-	-	A++	-	-			
Power factor	%	-	-	-	91	91	91	-	-		
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-		
	Power Level dB	56 / 52 / 48						-	-		
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	12.4	
		BTU/h	34100	34100	34100	-	-	-	10200	42300	
	Current	A	-	-	-	12.2	11.6	11.1	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.540k	2.540k	2.540k	560	3.90k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.94	3.94 / A	3.94	5.36	3.18
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-	
		Tbivalent	°C	-	-	-	-	-7	-	-	
		SCOP	(W/W)	-	-	-	-	3.9	-	-	
	Annual consumption	kWh	-	-	-	-	3590	-	-		
elbu(-10°C)	kW	-	-	-	-	1.69	-	-			
Class		-	-	-	-	A	-	-			
Power factor	%	-	-	-	95	95	95	-	-		
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-		
	Power Level dB	56 / 52 / 48						-	-		
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)					27.9 / 5.69k		27.9 / 5.94k		27.9 / 6.14k		
Starting current(A) (Cooling/Heating)					14.4 / 12.2		13.8 / 11.6		13.2 / 11.1		
Comp output(W)					2.50k		2.50k		2.50k		
Time Delay fuse max size(A)							35				
Network Impedance(ΩMAX.)											
Fan motor output (Indoor/Outdoor) W		54			120						
Moisture removal volume		L/h	3.6 (1.8 ×2)								
External static pressure		Pa									
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.0 ×2 / 13.5 ×2 / 11.0 ×2								
	Heating	m³/min (H/M/L)	16.0 ×2 / 13.5 ×2 / 11.0 ×2								
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675		1.62		2.23	
	Product dimension		Height mm	302			996				
		Width mm	1120			980					
		Depth mm	236			370					
Product dimension (Panel)		H×W×D mm									
Packing dimension	Height mm	282			1134						
	Width mm	1190			1095						
	Depth mm	378			529						
Weight	(NET) kg	13			83						
	(GROSS) kg	16			91						
	Panel (NET) kg										
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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(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)

1-1. Unit Specifications

Simultaneous (Twin) - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(60) ×2 / U-125PZ3E5

INDOOR		MODEL	S-6010PK3E(60) ×2						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-125PZ3E5			-	-	
Branch pipe		MODEL				CZ-P155BK1			-	-	
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	12.5	12.5	12.5	-	-	-	3.2	13.2	
		BTU/h	42700	42700	42700	-	-	-	10900	45000	
	Current	A	-	-	-	18.9	18.0	17.3	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.900k	3.900k	3.900k	600	4.80k	
		Annual consumption TOTAL kWh *4	-	-	-	-	1950	-	-	-	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.21	3.21 / A	3.21	5.33	2.75	
	ErP *6	Pdesign	kW	-	-	-	-	12.5	-	-	-
		η _{sc}	%	-	-	-	-	237.0	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
Class			-	-	-	-	-	-	-	-	
Power factor	%	-	-	-	94	94	94	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-	-	
	Power Level dB	63 / 60 / 56						-	-	-	
Noise outdoor	dB-A (H/L)				55 / -			-	-	-	
	Power Level dB				73 / -			-	-	-	
H E A T I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	15.0	
		BTU/h	42700	42700	42700	-	-	-	11300	51200	
	Current	A	-	-	-	16.2	15.5	14.9	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.360k	3.360k	3.360k	600	4.60k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.72	3.72 / A	3.72	5.50	3.26
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	12.5	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		η _{sh}	%	-	-	-	-	139.7	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	-	-	-
Class			-	-	-	-	-	-	-	-	
	Class		-	-	-	-	-	-	-	-	
Power factor	%	-	-	-	94	94	94	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-	-	
	Power Level dB	63 / 60 / 56						-	-	-	
Noise outdoor	dB-A (H/L)				55 / -			-	-	-	
	Power Level dB				73 / -			-	-	-	
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)					31.9 / 6.44k	31.9 / 6.74k	31.9 / 7.04k	-	-		
Starting current(A) (Cooling/Heating)					18.9 / 16.2	18.0 / 15.5	17.3 / 14.9	-	-		
Comp output(W)					2.80k	2.80k	2.80k	-	-		
Time Delay fuse max size(A)					40			-	-		
Network Impedance(ΩMAX.)								-	-		
Fan motor output (Indoor/Outdoor) W		54			120			-	-		
Moisture removal volume		L/h	4.0 (2.0 ×2)						-	-	
External static pressure		Pa							-	-	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2						-	-	
	Heating	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2						-	-	
Outdoor Air flow	Cooling	m³/min				82.0			-	-	
	Heating	m³/min				80.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					R32	2.800	3.700	-	-		
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	1.89	2.50	-	-		
	Product dimension	Height mm	302			996			-	-	
Product dimension (Panel)	Width mm	1120			980			-	-		
	Depth mm	236			370			-	-		
	H×W×D mm							-	-		
Packing dimension	Height mm	282			1134			-	-		
	Width mm	1190			1095			-	-		
	Depth mm	378			529			-	-		
Weight	(NET) kg	14			87			-	-		
	(GROSS) kg	17			95			-	-		
	Panel (NET) kg							-	-		
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 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

*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)

1-1. Unit Specifications

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) x2 / U-140PZ3E5

Simultaneous (Twin) - Type

INDOOR	MODEL	S-6010PK3E(71) x2						-	-	
PANEL	MODEL							-	-	
OUTDOOR	MODEL				U-140PZ3E5			-	-	
Branch pipe	MODEL				CZ-P155BK1			-	-	
Performance test condition		ISO5151 / EN14511 / EN12102 / EN14825								
Power supply		1Ø 50Hz			1Ø 50Hz					
		V	220V	230V	240V	220V	230V	240V	Min Max	
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3 15.0	
		BTU/h	47800	47800	47800	-	-	-	11300 51200	
	Current	A	-	-	-	23.4	22.4	21.5	- - -	
		W	-	-	-	-	-	-	- - -	
	Input power	TOTAL W	-	-	-	4.840k	4.840k	4.840k	620 5.60k	
		Annual consumption TOTAL kWh *4	-	-	-	-	2420	-	- - -	
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	2.89	2.89 / C	2.89	5.32 2.68	
	ErP *6	Pdesign	kW	-	-	-	14.0	-	- - -	
		η _{sc}	%	-	-	-	228.6	-	- - -	
		Annual consumption	kWh	-	-	-	-	-	- - -	
Class		-	-	-	-	-	-	- - -		
Power factor	%	-	-	-	94	94	94	- - -		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						- - -		
	Power Level dB	63 / 60 / 56						- - -		
Noise outdoor	dB-A (H/L)				56 / -			- - -		
	Power Level dB				74 / -			- - -		
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.4 16.0	
		BTU/h	47800	47800	47800	-	-	-	11600 54600	
	Current	A	-	-	-	19.1	18.3	17.5	- - -	
		W	-	-	-	-	-	-	- - -	
	Input power	TOTAL W	-	-	-	3.950k	3.950k	3.950k	620 5.00k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.54	3.54 / B	3.54	5.48 3.20
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	13.6	-	- - -
		Tbivalent	°C	-	-	-	-	-7	-	- - -
		η _{sh}	%	-	-	-	-	137.7	-	- - -
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	-	- - -
Class		-	-	-	-	-	-	- - -		
Power factor	%	-	-	-	94	94	94	- - -		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						- - -		
	Power Level dB	63 / 60 / 56						- - -		
Noise outdoor	dB-A (H/L)				56 / -			- - -		
	Power Level dB				74 / -			- - -		
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)					32.9 / 6.69k	32.9 / 6.94k	32.9 / 7.24k	- - -		
Starting current(A) (Cooling/Heating)					23.4 / 19.1	22.4 / 18.3	21.5 / 17.5	- - -		
Comp output(W)					3.00k	3.00k	3.00k	- - -		
Time Delay fuse max size(A)					40			- - -		
Network Impedance(ΩMAX.)								- - -		
Fan motor output (Indoor/Outdoor) W		54			120			- - -		
Moisture removal volume		L/h	6.0 (3.0 x2)						- - -	
External static pressure		Pa							- - -	
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 x2 / 17.5 x2 / 14.5 x2						- - -	
	Heating	m³/min (H/M/L)	20.0 x2 / 17.5 x2 / 14.5 x2						- - -	
Outdoor Air flow	Cooling	m³/min				84.0			- - -	
	Heating	m³/min				82.0			- - -	
Refrigerant type / amount(ship) kg / amount(max) kg					R32	2.800	3.700	- - -		
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	1.89	2.50	- - -		
	Product dimension	Height mm	302			996			- - -	
Product dimension (Panel)	Width mm	1120			980			- - -		
	Depth mm	236			370			- - -		
	HxWxD mm							- - -		
Packing dimension	Height mm	282			1134			- - -		
	Width mm	1190			1095			- - -		
	Depth mm	378			529			- - -		
Weight	(NET) kg	14			87			- - -		
	(GROSS) kg	17			95			- - -		
	Panel (NET) kg							- - -		
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)			(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 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

*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)

1-1. Unit Specifications

Single - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(100) / U-100PZ3E8

INDOOR		MODEL	S-6010PK3E(100)						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-100PZ3E8			-	-	
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	9.0	9.0	9.0	-	-	-	3.0	9.7	
		BTU/h	30700	30700	30700	-	-	-	10200	33100	
	Current	A	-	-	-	4.30	4.10	3.95	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.590k	2.590k	2.590k	560	3.10k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1295	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.47	3.47 / A	3.47	5.36	3.13	
	ErP *6	Pdesign	kW	-	-	-	-	9.0	-	-	-
		SEER	(W/W)	-	-	-	-	6.5	-	-	-
		Annual consumption	kWh	-	-	-	-	485	-	-	-
		Class		-	-	-	-	A++	-	-	-
	Power factor	%	-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41						-	-	-
		Power Level dB	65 / 61 / 57						-	-	-
Noise outdoor	dB-A (H/L)				52 / -			-	-	-	
	Power Level dB				70 / -			-	-	-	
H E A T I N G	Capacity	kW	9.0	9.0	9.0	-	-	-	3.0	10.5	
		BTU/h	30700	30700	30700	-	-	-	10200	35800	
	Current	A	-	-	-	3.80	3.65	3.50	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	2.290k	2.290k	2.290k	560	2.95k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"- "G")	-	-	-	3.93	3.93 / A	3.93	5.36	3.56
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	9.0	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		SCOP	(W/W)	-	-	-	-	3.9	-	-	-
		Annual consumption	kWh	-	-	-	-	3231	-	-	-
		elbu(-10°C)	kW	-	-	-	-	1.40	-	-	-
	Class		-	-	-	-	A	-	-	-	
	Power factor	%	-	-	-	91	91	91	-	-	
	Noise indoor *7	dB-A (H/M/L)	49 / 45 / 41						-	-	-
Power Level dB		65 / 61 / 57						-	-	-	
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)					4.30 / 3.80		4.10 / 3.65		3.95 / 3.50		
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		54			120			-		-	
Moisture removal volume		L/h	4.3 (4.3 × 1)			-			-		
External static pressure		Pa	-			-			-		
Indoor Air flow *7	Cooling	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-		
	Heating	m³/min (H/M/L)	22.0 / 18.5 / 15.0			-			-		
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675		1.62		2.23	
	Product dimension		Height mm	302			996			-	
		Width mm	1120			980			-		
		Depth mm	236			370			-		
Product dimension (Panel)		H×W×D mm	-			-			-		
Packing dimension	Height mm	282			1134			-			
	Width mm	1190			1095			-			
	Depth mm	378			529			-			
Weight	(NET) kg	14			83			-			
	(GROSS) kg	17			91			-			
	Panel (NET) kg	-			-			-			
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)			(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)

1-1. Unit Specifications

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-3650PK3E(50) ×2 / U-100PZ3E8

Simultaneous (Twin) - Type

INDOOR		MODEL	S-3650PK3E(50) ×2						-	-
PANEL		MODEL							-	-
OUTDOOR		MODEL				U-100PZ3E8			-	-
Branch pipe		MODEL				CZ-P155BK1			-	-
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	10.0	10.0	10.0	-	-	-	3.0	11.0
		BTU/h	34100	34100	34100	-	-	-	10200	37500
	Current	A	-	-	-	4.80	4.55	4.40	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	2.880k	2.880k	2.880k	560	4.00k
		Annual consumption	TOTAL kWh *4	-	-	-	-	1440	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.47	3.47 / A	3.47	5.36	2.75
	ErP *6	Pdesign	kW	-	-	-	-	10.0	-	-
		SEER	(W/W)	-	-	-	-	6.4	-	-
		Annual consumption	kWh	-	-	-	-	547	-	-
Class			-	-	-	-	A++	-	-	
Power factor	%	-	-	-	91	91	91	-	-	
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-	
	Power Level dB	56 / 52 / 48						-	-	
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	12.4
		BTU/h	34100	34100	34100	-	-	-	10200	42300
	Current	A	-	-	-	4.15	3.95	3.80	-	-
		W	-	-	-	-	-	-	-	-
	Input power	TOTAL W	-	-	-	2.540k	2.540k	2.540k	560	3.90k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.94	3.94 / A	3.94	5.36
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	10.0	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-
		SCOP	(W/W)	-	-	-	-	3.9	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	3590	-	-
Class		-	-	-	-	A	-	-		
Power factor	%	-	-	-	93	93	93	-	-	
Noise indoor *7	dB-A (H/M/L)	40 / 36 / 32						-	-	
	Power Level dB	56 / 52 / 48						-	-	
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)					4.80 / 4.15	4.55 / 3.95	4.40 / 3.80			
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		54			120					
Moisture removal volume		L/h	3.6 (1.8 ×2)							
External static pressure		Pa								
Indoor Air flow *7	Cooling	m³/min (H/M/L)	16.0 ×2 / 13.5 ×2 / 11.0 ×2							
	Heating	m³/min (H/M/L)	16.0 ×2 / 13.5 ×2 / 11.0 ×2							
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 / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	1.62	2.23		
	Product dimension		Height mm	302			996			
		Width mm	1120			980				
		Depth mm	236			370				
Product dimension (Panel)		H×W×D mm								
Packing dimension	Height mm	282			1134					
	Width mm	1190			1095					
	Depth mm	378			529					
Weight	(NET) kg	13			83					
	(GROSS) kg	16			91					
	Panel (NET) kg									
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)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(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)

1-1. Unit Specifications

Simultaneous (Twin) - Type

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(60) ×2 / U-125PZ3E8

INDOOR		MODEL	S-6010PK3E(60) ×2						-	-	
PANEL		MODEL							-	-	
OUTDOOR		MODEL				U-125PZ3E8			-	-	
Branch pipe		MODEL				CZ-P155BK1			-	-	
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	12.5	12.5	12.5	-	-	-	3.2	13.2	
		BTU/h	42700	42700	42700	-	-	-	10900	45000	
	Current	A	-	-	-	6.30	6.00	5.75	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.900k	3.900k	3.900k	600	4.80k	
		Annual consumption	TOTAL kWh *4	-	-	-	-	1950	-	-	-
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.21	3.21 / A	3.21	5.33	2.75	
	ErP *6	Pdesign	kW	-	-	-	-	12.5	-	-	-
		η _{sc}	%	-	-	-	-	236.3	-	-	-
		Annual consumption	kWh	-	-	-	-	-	-	-	-
Class			-	-	-	-	-	-	-	-	
Power factor	%	-	-	-	94	94	94	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-	-	
	Power Level dB	63 / 60 / 56						-	-	-	
Noise outdoor	dB-A (H/L)				55 / -			-	-	-	
	Power Level dB				73 / -			-	-	-	
H E A T I N G	Capacity	kW	12.5	12.5	12.5	-	-	-	3.3	15.0	
		BTU/h	42700	42700	42700	-	-	-	11300	51200	
	Current	A	-	-	-	5.45	5.15	4.95	-	-	
		W	-	-	-	-	-	-	-	-	
	Input power	TOTAL W	-	-	-	3.360k	3.360k	3.360k	600	4.60k	
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.72	3.72 / A	3.72	5.50	3.26
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	12.5	-	-	-
		Tbivalent	°C	-	-	-	-	-7	-	-	-
		η _{sh}	%	-	-	-	-	139.7	-	-	-
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	-	-	-
Class		-	-	-	-	-	-	-	-		
Power factor	%	-	-	-	94	94	94	-	-		
Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						-	-	-	
	Power Level dB	63 / 60 / 56						-	-	-	
Noise outdoor	dB-A (H/L)				55 / -			-	-	-	
	Power Level dB				73 / -			-	-	-	
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)					12.9 / 6.64k	12.9 / 6.94k	12.9 / 7.19k				
Starting current(A) (Cooling/Heating)					6.30 / 5.45	6.00 / 5.15	5.75 / 4.95				
Comp output(W)					2.80k	2.80k	2.80k				
Time Delay fuse max size(A)					20						
Network Impedance(ΩMAX.)											
Fan motor output (Indoor/Outdoor) W		54			120						
Moisture removal volume		L/h	4.0 (2.0 ×2)								
External static pressure		Pa									
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2						-	-	
	Heating	m³/min (H/M/L)	20.0 ×2 / 17.5 ×2 / 14.5 ×2						-	-	
Outdoor Air flow	Cooling	m³/min				82.0			-	-	
	Heating	m³/min				80.0			-	-	
Refrigerant type / amount(ship) kg / amount(max) kg					R32	2.800	3.700				
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)					675	1.89	2.50			
	Product dimension		Height mm	302			996			-	
		Width mm	1120			980			-		
		Depth mm	236			370			-		
Product dimension (Panel)		H×W×D mm							-		
Packing dimension	Height mm	282			1134						
	Width mm	1190			1095						
	Depth mm	378			529						
Weight	(NET) kg	14			87						
	(GROSS) kg	17			95						
	Panel (NET) kg										
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)			(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 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

*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)

1-1. Unit Specifications

1-1-1. PZ3

1-1-1-3. Wall Mounted Type S-6010PK3E(71) x2 / U-140PZ3E8

Simultaneous (Twin) - Type

INDOOR	MODEL	S-6010PK3E(71) x2						-	-
PANEL	MODEL							-	-
OUTDOOR	MODEL				U-140PZ3E8			-	-
Branch pipe	MODEL				CZ-P155BK1			-	-
Performance test condition		ISO5151 / EN14511 / EN12102 / EN14825							
Power supply		1Ø 50Hz			3Ø 50Hz				
		V	220V	230V	240V	380V	400V	415V	Min Max
C O O L I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.3 15.0
		BTU/h	47800	47800	47800	-	-	-	11300 51200
	Current	A	-	-	-	7.80	7.45	7.15	- -
		W	-	-	-	-	-	-	- -
	Input power	TOTAL W	-	-	-	4.840k	4.840k	4.840k	620 5.60k
		Annual consumption TOTAL kWh *4	-	-	-	-	2420	-	- -
	EER/EER CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	2.89	2.89 / C	2.89	5.32 2.68
	ErP *6	Pdesign	kW	-	-	-	14.0	-	- -
		η _{sc}	%	-	-	-	228.0	-	- -
		Annual consumption	kWh	-	-	-	-	-	- -
		Class		-	-	-	-	-	- -
	Power factor	%	-	-	-	94	94	94	- -
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						- -
Power Level dB		63 / 60 / 56						- -	
Noise outdoor	dB-A (H/L)				56 / -			- -	
	Power Level dB				74 / -			- -	
H E A T I N G	Capacity	kW	14.0	14.0	14.0	-	-	-	3.4 16.0
		BTU/h	47800	47800	47800	-	-	-	11600 54600
	Current	A	-	-	-	6.40	6.05	5.85	- -
		W	-	-	-	-	-	-	- -
	Input power	TOTAL W	-	-	-	3.950k	3.950k	3.950k	620 5.00k
		COP/COP CLASS	TOTAL (W/W) *5/ ("A"-G)	-	-	-	3.54	3.54 / B	3.54
	ErP *6	Pdesign at -10°C	kW	-	-	-	-	13.6	- -
		Tbivalent	°C	-	-	-	-	-7	- -
		η _{sh}	%	-	-	-	-	137.7	- -
		Annual consumption elbu(-10°C)	kWh	-	-	-	-	-	- -
	Class		-	-	-	-	-	- -	
	Power factor	%	-	-	-	94	94	94	- -
	Noise indoor *7	dB-A (H/M/L)	47 / 44 / 40						- -
Power Level dB		63 / 60 / 56						- -	
Noise outdoor	dB-A (H/L)				56 / -			- -	
	Power Level dB				74 / -			- -	
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)					13.4 / 6.94k	13.4 / 7.29k	13.4 / 7.54k	- -	
Starting current(A) (Cooling/Heating)					7.80 / 6.40	7.45 / 6.05	7.15 / 5.85	- -	
Comp output(W)					3.00k	3.00k	3.00k	- -	
Time Delay fuse max size(A)					20			- -	
Network Impedance(ΩMAX.)								- -	
Fan motor output (Indoor/Outdoor) W		54			120			- -	
Moisture removal volume		L/h	6.0 (3.0 x2)						- -
External static pressure		Pa							- -
Indoor Air flow *7	Cooling	m³/min (H/M/L)	20.0 x2 / 17.5 x2 / 14.5 x2						- -
	Heating	m³/min (H/M/L)	20.0 x2 / 17.5 x2 / 14.5 x2						- -
Outdoor Air flow	Cooling	m³/min				84.0			- -
	Heating	m³/min				82.0			- -
Refrigerant type / amount(ship) kg / amount(max) kg					R32	2.800	3.700	- -	
F-Gas	GWP / CO2eq (ton) (PRECHARGED AMOUNT) / CO2eq (ton) (MAXIMUM CHARGED AMOUNT)				675	1.89	2.50	- -	
	Product dimension	Height mm	302			996			- -
Product dimension (Panel)	Width mm	1120			980			- -	
	Depth mm	236			370			- -	
	HxWxD mm							- -	
Packing dimension	Height mm	282			1134			- -	
	Width mm	1190			1095			- -	
	Depth mm	378			529			- -	
Weight	(NET) kg	14			87			- -	
	(GROSS) kg	17			95			- -	
	Panel (NET) kg							- -	
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.

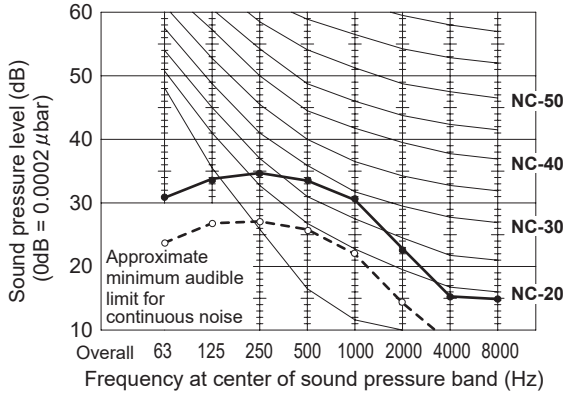
*6 η_{sc} and η_{sh} classification is at 230V(400V) only in accordance with EN-14825. For heating, η_{sh} indicates the value of only Average heating season.

*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)

1-6-1-3. Wall Mounted Type

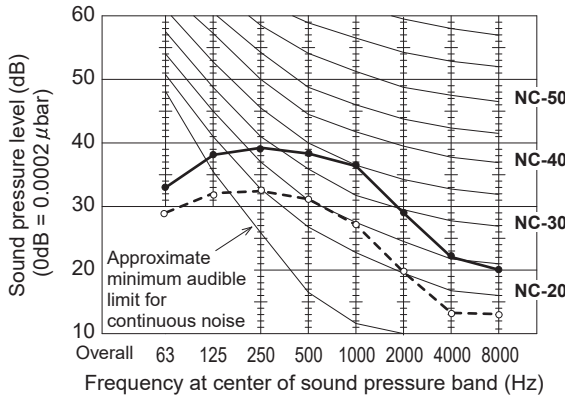
MODEL	: S-3650PK3E(36)	
SOUND LEVEL	Strong	35 dB(A)
	High	31 dB(A)
	Low	27 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



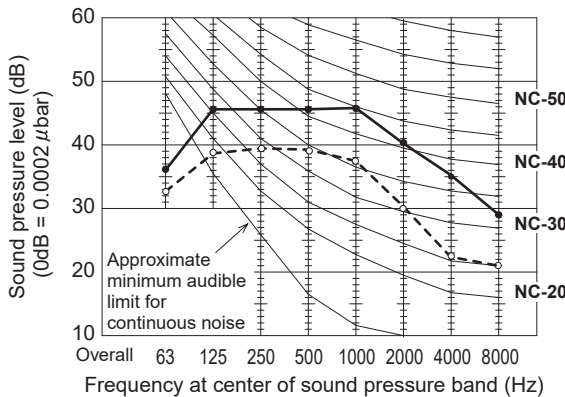
MODEL	: S-3650PK3E(50)	
SOUND LEVEL	Strong	40 dB(A)
	High	36 dB(A)
	Low	32 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



MODEL	: S-6010PK3E(100)	
SOUND LEVEL	Strong	49 dB(A)
	High	45 dB(A)
	Low	41 dB(A)

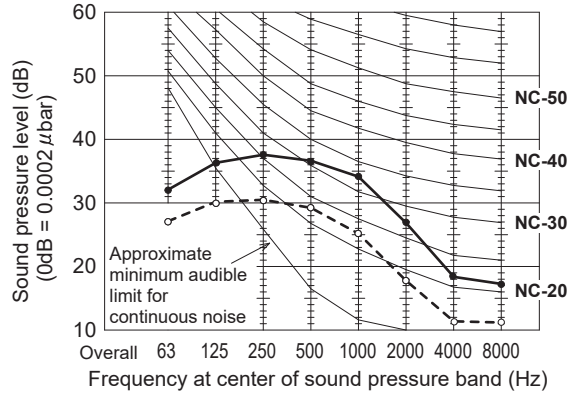
CONDITION : 1m in front of air discharge and then 1m below



* For S-3650PK3E (36), S-3650PK3E (45), S-3650PK3E (50), S-6010PK3E (60), S-6010PK3E (71) and S-6010PK3E (100), see the Combination Table items 36, 45, 50, 60, 71 and 100 on page 20 to 22.

MODEL	: S-3650PK3E(45)	
SOUND LEVEL	Strong	38 dB(A)
	High	34 dB(A)
	Low	30 dB(A)

CONDITION : 1m in front of air discharge and then 1m below



MODEL	: S-6010PK3E(60), S-6010PK3E(71)	
SOUND LEVEL	Strong	47 dB(A)
	High	44 dB(A)
	Low	40 dB(A)

CONDITION : 1m in front of air discharge and then 1m below

