

3. Wall Mounted (Type K3)

3-1. Specifications

Unit Specifications (A)

INDOOR			MODEL		S-15MK3E			S-22MK3E			S-28MK3E		
PANEL			MODEL		-								
Performance test condition					ISO15042 / AS/NZS3823.1 / EN14511 / EN12102								
Power supply			ø, Hz		1ø 50/60Hz			1ø 50/60Hz			1ø 50/60Hz		
			V		220V	230V	240V	220V	230V	240V	220V	230V	240V
C O O L I N G	Capacity	kW		1.5	1.5	1.5	2.2	2.2	2.2	2.8	2.8	2.8	
		BTU/h		5100	5100	5100	7500	7500	7500	9600	9600	9600	
		Sensible	kW	1.4	1.4	1.4	1.9	1.9	1.9	2.2	2.2	2.2	
		Latent	kW	0.1	0.1	0.1	0.3	0.3	0.3	0.6	0.6	0.6	
	Current	A		0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	
	Input power	W		15	15	15	18	18	18	19	19	19	
	Annual consumption	W ⁻⁴		-	-	-	-	-	-	-	-	-	
	EER/EER CLASS	TOTAL(W/W) ⁵ /(“A”-“G”)		-	-	-	-	-	-	-	-	-	
	EER	BTU/hW		-	-	-	-	-	-	-	-	-	
	Power factor	%		-	-	-	-	-	-	-	-	-	
Noise indoor ⁶	dB-A (H/M/L)		31/29/28			32/30/29			33/31/29				
	Power Level dB		46/44/43			47/45/44			48/46/44				
	dB-A (H/L)		-			-			-				
	Power Level dB		-			-			-				
H E A T I N G	Capacity	kW		1.7	1.7	1.7	2.5	2.5	2.5	3.2	3.2	3.2	
		BTU/h		5800	5800	5800	8500	8500	8500	10900	10900	10900	
		kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-	
	Current	A		0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.20	
	Input power	W		15	15	15	18	18	18	19	19	19	
	COP/COP CLASS	TOTAL(W/W) ⁵ /(“A”-“G”)		-	-	-	-	-	-	-	-	-	
	COP	BTU/hW		-	-	-	-	-	-	-	-	-	
	Power factor	%		-	-	-	-	-	-	-	-	-	
	Noise indoor ⁶	dB-A (H/M/L)		31/29/28			32/30/29			33/31/29			
		Power Level dB		46/44/43			47/45/44			48/46/44			
Noise outdoor	dB-A (H/L)		-			-			-				
	Power Level dB		-			-			-				
EXTRA LOW TEMP	Capacity(kW)/Input power(W)/COP		-			-			-				
Cooling	Max Current(A)/Max Input power(W)		0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30		
Heating	Max Current(A)/Max Input power(W)		0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30		
Starting current(A)/Comp output(W)			-	-	-	-	-	-	-	-	-		
Time Delay fuse max size(A)			15			15			15				
Network Impedance(ΩMAX.)			-			-			-				
Fan motor output (Indoor/Outdoor) W			30	/	-	30	/	-	30	/	-		
Moisture removal volume			L/h		0.1	0.4		0.8					
External static pressure			Pa		-	-		-					
Indoor air flow ⁶	Cool	m³/min (H/M/L)	6.8 / 6.3 / 5.5			9.0 / 8.0 / 7.0			9.5 / 8.5 / 7.0				
	Heat	m³/min (H/M/L)	6.8 / 6.3 / 5.5			9.0 / 8.0 / 7.0			10.0 / 8.5 / 7.0				
Outdoor air flow	Cool	m³/min	-			-			-				
	Heat	m³/min	-			-			-				
Refrigerant type			R410A,R32			R410A,R32			R410A,R32				
Product dimension	Height		mm		295	295		295					
	Width		mm		890	890		890					
	Depth		mm		244	244		244					
Product dimension(PANEL)			H×W×D		mm		-						
Packing dimension	Height		mm		314	314		314					
	Width		mm		998	998		998					
	Depth		mm		383	383		383					
Mass	(NET)		kg		12	12		12					
	(GROSS)		kg		14	14		14					
	Panel (NET)		kg		-								
Layers limit (actually)			11(12)			11(12)			11(12)				
Operation condition	Cool (DBT)		-			-			-				
	Heat (DBT)		-			-			-				
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)			(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)			(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)				
	Connect method, Standard length m		flared type			flared type			flared type				
	Pipe length range m		~ (~)			~ (~)			~ (~)				
	Indoor unit & Outdoor unit height difference m		-			-			-				
	Add gas amount g/m		-			-			-				
	Pipe length for additional gas m		-			-			-				

*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: H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

* In the case of nanoe X OFF

3. Wall Mounted (Type K3)

Unit Specifications (B)

INDOOR			MODEL		S-36MK3E			S-45MK3E				
PANEL			MODEL		-							
Performance test condition					ISO15042 / AS/NZS3823.1 / EN14511 / EN12102							
Power supply			ø, Hz		1ø 50/60Hz			1ø 50/60Hz				
			V		220V	230V	240V	220V	230V	240V		
C O O L I N G	Capacity		kW		3.6	3.6	3.6	4.5	4.5	4.5		
			BTU/h		12300	12300	12300	15400	15400	15400		
			Sensible	kW	2.7	2.7	2.7	3.2	3.2	3.2		
			Latent	kW	0.9	0.9	0.9	1.3	1.3	1.3		
	Current		A		0.22	0.22	0.22	0.25	0.25	0.25		
	Input power		W		20	20	20	25	25	25		
	Annual consumption		W ⁻¹		-	-	-	-	-	-		
	EER/EER CLASS		TOTAL(W/W) ⁵ /("A"~"G")		-	-	-	-	-	-		
	EER		BTU/hW		-	-	-	-	-	-		
	Power factor		%		-	-	-	-	-	-		
Noise indoor ⁶		dB-A (H/M/L)		35/32/29			38/33/29					
		Power Level dB		50/47/44			53/48/44					
Noise outdoor		dB-A (H/L)		-			-					
		Power Level dB		-			-					
H E A T I N G	Capacity		kW		4.2	4.2	4.2	5.0	5.0	5.0		
			BTU/h		14300	14300	14300	17100	17100	17100		
			kcal/h(Fri./h)		-	-	-	-	-	-		
	Current		A		0.22	0.22	0.22	0.25	0.25	0.25		
	Input power		W		20	20	20	25	25	25		
	COP/COP CLASS		TOTAL(W/W) ⁵ /("A"~"G")		-	-	-	-	-	-		
	COP		BTU/hW		-	-	-	-	-	-		
	Power factor		%		-	-	-	-	-	-		
	Noise indoor ⁶		dB-A (H/M/L)		35/32/29			38/33/29				
			Power Level dB		50/47/44			53/48/44				
Noise outdoor		dB-A (H/L)		-			-					
		Power Level dB		-			-					
EXTRA LOW TEMP	Capacity(kW)/Input power(W)/COP				-			-				
Cooling	Max Current(A)/Max Input power(W)				0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30		
Heating	Max Current(A)/Max Input power(W)				0.27/30	0.27/30	0.27/30	0.27/30	0.27/30	0.27/30		
Starting current(A)/Comp output(W)					-	-	-	-	-	-		
Time Delay fuse max size(A)					15			15				
Network Impedance(ΩMAX.)					-			-				
Fan motor output (Indoor/Outdoor) W					30	/	-	30	/	-		
Moisture removal volume				L/h	1.3			1.9				
External static pressure				Pa	-			-				
Indoor air flow ⁶	Cool	m³/min (H/M/L)		10.5 / 9.0 / 7.5			11.5 / 10.0 / 7.5					
	Heat	m³/min (H/M/L)		10.5 / 9.0 / 7.5			11.5 / 10.0 / 7.5					
Outdoor air flow	Cool	m³/min		-			-					
	Heat	m³/min		-			-					
Refrigerant type					R410A,R32			R410A,R32				
Product dimension	Height		mm	295			295					
	Width		mm	890			890					
	Depth		mm	244			244					
Product dimension(PANEL)			H×W×D	mm			-					
Packing dimension			Height	mm	314			314				
			Width	mm	998			998				
			Depth	mm	383			383				
Mass			(NET)	kg	12			12				
			(GROSS)	kg	14			14				
			Panel (NET)	kg	-			-				
Layers limit (actually)					11(12)			11(12)				
Operation condition			Cool (DBT)	-			-					
			Heat (DBT)	-			-					
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)				
	Connect method, Standard length m				flared type			flared type				
	Pipe length range m				~ (~)			~ (~)				
	Indoor unit & Outdoor unit height difference m				-			-				
	Add gas amount g/m				-			-				
Pipe length for additional gas m					-			-				

*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: H:High at setting 5 stage (Level 5), M:Middle at setting 5 stage (Level 3), L:Low at setting 5 stage (Level 1)

* In the case of nanoe X OFF

3. Wall Mounted (Type K3)

Unit Specifications (C)

INDOOR			MODEL		S-56MK3E			S-73MK3E			S-106MK3E		
PANEL			MODEL		-								
Performance test condition					ISO15042 / AS/NZS3823.1 / EN14511 / EN12102								
Power supply			ø, Hz		1ø 50/60Hz			1ø 50/60Hz			1ø 50/60Hz		
			V		220V	230V	240V	220V	230V	240V	220V	230V	240V
COOLING	Capacity		kW		5.6	5.6	5.6	7.3	7.3	7.3	10.6	10.6	10.6
			BTU/h		19100	19100	19100	24900	24900	24900	36200	36200	36200
			Sensible	kW	4.0	4.0	4.0	5.2	5.2	5.2	7.0	7.0	7.0
			Latent	kW	1.6	1.6	1.6	2.1	2.1	2.1	3.6	3.6	3.6
	Current		A		0.35	0.35	0.35	0.50	0.50	0.50	0.70	0.70	0.70
	Input power		W		40	40	40	55	55	55	80	80	80
	Annual consumption		W ⁻¹⁴		-	-	-	-	-	-	-	-	-
	EER/EER CLASS		TOTAL(W/W) ⁵ /("A"~"G")		-	-	-	-	-	-	-	-	-
	EER		BTU/hW		-	-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	-	-	-	-	-	-
Noise indoor ⁶		dB-A (H/M/L)		40/38/35			47/44/40			50/45/40			
		Power Level dB		55/53/50			62/59/55			65/60/55			
Noise outdoor		dB-A (H/L)		-			-			-			
		Power Level dB		-			-			-			
HEATING	Capacity		kW		6.3	6.3	6.3	8.0	8.0	8.0	10.6	10.6	10.6
			BTU/h		21500	21500	21500	27300	27300	27300	36200	36200	36200
			kcal/h(Fri./h)		-	-	-	-	-	-	-	-	-
	Current		A		0.35	0.35	0.35	0.50	0.50	0.50	0.70	0.70	0.70
	Input power		W		40	40	40	55	55	55	80	80	80
	COP/COP CLASS		TOTAL(W/W) ⁵ /("A"~"G")		-	-	-	-	-	-	-	-	-
	COP		BTU/hW		-	-	-	-	-	-	-	-	-
	Power factor		%		-	-	-	-	-	-	-	-	-
	Noise indoor ⁶		dB-A (H/M/L)		40/38/35			47/44/40			50/45/40		
			Power Level dB		55/53/50			62/59/55			65/60/55		
Noise outdoor		dB-A (H/L)		-			-			-			
		Power Level dB		-			-			-			
EXTRA LOW TEMP	Capacity(kW)/Input power(W)/COP				-			-			-		
Cooling	Max Current(A)/Max Input power(W)				0.42/45	0.42/45	0.42/45	0.70/90	0.70/90	0.70/90	0.70/90	0.70/90	0.70/90
Heating	Max Current(A)/Max Input power(W)				0.42/45	0.42/45	0.42/45	0.70/90	0.70/90	0.70/90	0.70/90	0.70/90	0.70/90
Starting current(A)/Comp output(W)					-	-	-	-	-	-	-	-	-
Time Delay fuse max size(A)					15			15			15		
Network Impedance(ΩMAX.)					-			-			-		
Fan motor output (Indoor/Outdoor) W					30	/	-	30	/	-	30	/	-
Moisture removal volume			L/h		2.3			3.0			5.2		
External static pressure Pa					-			-			-		
Indoor air flow ⁶	Cool	m³/min (H/M/L)		15.0 / 14.0 / 13.0			19.0 / 17.0 / 14.0			22.0 / 18.0 / 14.0			
	Heat	m³/min (H/M/L)		15.0 / 14.0 / 13.0			19.0 / 17.0 / 14.0			22.0 / 18.0 / 14.0			
Outdoor air flow	Cool	m³/min		-			-			-			
	Heat	m³/min		-			-			-			
Refrigerant type					R410A,R32			R410A,R32			R410A,R32		
Product dimension	Height		mm	295			295			295			
	Width		mm	1060			1060			1060			
	Depth		mm	249			249			249			
Product dimension(PANEL)			H×W×D	mm	-								
Packing dimension			Height	mm	314			314			314		
			Width	mm	1168			1168			1168		
			Depth	mm	383			383			383		
Mass			(NET)	kg	14			14			14		
			(GROSS)	kg	17			17			17		
			Panel (NET)	kg	-								
Layers limit (actually)					11(12)			11(12)			11(12)		
Operation condition			Cool (DBT)	-			-			-			
			Heat (DBT)	-			-			-			
P I P E 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)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)		
	Pipe diameter mm (inch)				(Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8) or (Liquid)Ø6.35(1/4) (Gas)Ø12.7(1/2)			(Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)		
	Connect method, Standard length m				flared type			flared type			flared type		
	Pipe length range m				~ (~)			~ (~)			~ (~)		
	Indoor unit & Outdoor unit height difference m				-			-			-		
	Add gas amount g/m				-			-			-		
	Pipe length for additional gas m				-			-			-		

*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: H: High at setting 5 stage (Level 5), M: Middle at setting 5 stage (Level 3), L: Low at setting 5 stage (Level 1)

* In the case of nanoe X OFF