3. Wall Mounted (Type K2)

3-1. Specifications

Unit Specifications (A)

INDOOR		MODEL		S-15MK2E5B			S-22MK2E5B			S-28MK2E5B		
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		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	1.3	1.3	1.3	1.7	1.7	1.7	2.0	2.0	2.0
		Latent	kW	0.2	0.2	0.2	0.5	0.5	0.5	0.8	0.8	0.8
	Current	A		0.20	0.20	0.20	0.21	0.21	0.21	0.23	0.23	0.23
	Input power	W		25			25			25		
	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)		34/32/29			36/33/29			37/34/29		
		Power Level dB		49/47/44			51/48/44			52/49/44		
	Noise outdoor	dB-A (H/L)		-			-			-		
		Power Level dB		-			-			-		
HEATING	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
	Current	A		0.20	0.20	0.20	0.21	0.21	0.21	0.23	0.23	0.23
	Input power	W		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)		34/32/29			36/33/29			37/34/29		
		Power Level dB		49/47/44			51/48/44			52/49/44		
	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)			0.28/35	0.27/35	0.26/35	0.29/35	0.28/35	0.27/35	0.30/35	0.29/35	0.28/35
Heating	Max Current(A)/Max Input power(W)			0.28/35	0.27/35	0.26/35	0.29/35	0.28/35	0.27/35	0.30/35	0.29/35	0.28/35
Starting current(A)/Comp output(W)				-	-	-	-	-	-	-	-	-
Network Impedance(ΩMAX.)				-			-			-		
Fan motor output (Indoor/Outdoor) W				30	/	-	30	/	-	30	/	-
Moisture removal volume			L/h	0.2			0.4			0.9		
External static pressure			Pa	-			-			-		
Indoor air flow*6	Cooling	m³/min (H/M/L)		7.9/7.4/6.5			9.0/7.5/6.5			9.5/8.3/6.5		
	Heating	m³/min (H/M/L)		9.0/7.7/6.8			9.2/8.3/6.8			9.7/8.5/6.8		
Outdoor air flow	Cooling	m³/min		-			-			-		
	Heating	m³/min		-			-			-		
Refrigerant type				R410A, R32			R410A, R32			R410A, R32		
Product dimension	Height		mm	290			290			290		
	Width		mm	870			870			870		
	Depth		mm	214			214			214		
Product dimension(PANEL)		H×W×D	mm	-								
Packing dimension		Height	mm	251			251			251		
		Width	mm	960			960			960		
		Depth	mm	360			360			360		
Weight		(NET)	kg	9			9			9		
		(GROSS)	kg	11			11			11		
		Panel (NET)	kg	-								
Layers limit (actually)				11 (12)			11 (12)			11 (12)		
Operation condition		Cool (DBT)		-			-			-		
		Heat (DBT)		-			-			-		
PIPING	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)

3. Wall Mounted (Type K2)

Unit Specifications (B)

INDOOR		MODEL		S-36MK2E5B									
PANEL		MODEL		-									
Performance test condition				ISO15042 / AS/NZS3823.1 /EN14511 / EN12102									
Power supply		ø, Hz		1ø 50/60Hz									
		V		220V	230V	240V							
COOLING	Capacity	kW		3.6	3.6	3.6							
		BTU/h		12300	12300	12300							
		Sensible	kW	2.4	2.4	2.4							
		Latent	kW	1.2	1.2	1.2							
	Current	A		0.25	0.25	0.25							
	Input power	W		30									
	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)		40/36/29									
		Power Level dB		55/51/44									
	Noise outdoor	dB-A (H/L)		-									
		Power Level dB		-									
HEATING	Capacity	kW		4.2	4.2	4.2							
		BTU/h		14300	14300	14300							
	Current	A		0.25	0.25	0.25							
	Input power	W		30									
	COP/COP CLASS	TOTAL(W/W)*5/("A"~"G")		-	-	-							
	COP	BTU/hW		-	-	-							
	Power factor	%		-	-	-							
	Noise indoor*6	dB-A (H/M/L)		40/36/29									
		Power Level dB		55/51/44									
	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)			0.32/40	0.31/40	0.30/40							
Heating	Max Current(A)/Max Input power(W)			0.32/40	0.31/40	0.30/40							
Starting current(A)/Comp output(W)				-	-	-							
Network Impedance(ΩMAX.)				-									
Fan motor output (Indoor/Outdoor) W				30	/	-							
Moisture removal volume			L/h	1.4									
External static pressure			Pa	-									
Indoor air flow*6	Cooling	m³/min (H/M/L)		10.9/9.0/6.5									
	Heating	m³/min (H/M/L)		11.2/9.5/6.8									
Outdoor air flow	Cooling	m³/min		-									
	Heating	m³/min		-									
Refrigerant type				R410A, R32									
Product dimension	Height		mm	290									
	Width		mm	870									
	Depth		mm	214									
Product dimension(PANEL)		H×W×D	mm	-									
Packing dimension		Height	mm	251									
		Width	mm	960									
		Depth	mm	360									
Weight		(NET)	kg	9									
		(GROSS)	kg	11									
		Panel (NET)	kg	-									
Layers limit (actually)				11 (12)									
Operation condition		Cool (DBT)		-									
		Heat (DBT)		-									
PIPING	Pipe port diameter mm (inch)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)									
	Pipe diameter mm (inch)			(Liquid) ø6.35 (1/4) (Gas) ø12.7 (1/2)									
	Connect method, Standard length m			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 (m^3/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)

3. Wall Mounted (Type K2)

Unit Specifications (C)

INDOOR		MODEL		S-45MK2E5B			S-56MK2E5B					
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			
COOLING	Capacity	kW		4.5	4.5	4.5	5.6	5.6	5.6			
		BTU/h		15400	15400	15400	19100	19100	19100			
		Sensible	kW	3.5	3.5	3.5	4.2	4.2	4.2			
		Latent	kW	1.0	1.0	1.0	1.4	1.4	1.4			
	Current	A		0.33	0.32	0.31	0.36	0.35	0.34			
	Input power	W		30			35					
	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)		38/35/33			40/37/35					
		Power Level dB		53/50/48			55/52/50					
	Noise outdoor	dB-A (H/L)		-			-					
		Power Level dB		-			-					
HEATING	Capacity	kW		5.0	5.0	5.0	6.3	6.3	6.3			
		BTU/h		17100	17100	17100	21500	21500	21500			
	Current	A		0.33	0.32	0.31	0.36	0.35	0.34			
	Input power	W		30			35					
	COP/COP CLASS	TOTAL(W/W)*5/("A"~"G")		-	-	-	-	-	-			
	COP	BTU/hW		-	-	-	-	-	-			
	Power factor	%		-	-	-	-	-	-			
	Noise indoor*6	dB-A (H/M/L)		38/35/33			40/37/35					
		Power Level dB		53/50/48			55/52/50					
	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)			0.38/35	0.37/35	0.36/35	0.42/40	0.41/40	0.40/40			
Heating	Max Current(A)/Max Input power(W)			0.38/35	0.37/35	0.36/35	0.42/40	0.41/40	0.40/40			
Starting current(A)/Comp output(W)				-	-	-	-	-	-			
Network Impedance(ΩMAX.)				-			-					
Fan motor output (Indoor/Outdoor) W				54	/	-	54	/	-			
Moisture removal volume			L/h	1.5			2.3					
External static pressure			Pa	-			-					
Indoor air flow*6	Cooling	m^3/min (H/M/L)		14.5/12.5/10.0			16.0/14.0/12.0					
	Heating	m^3/min (H/M/L)		14.5/12.5/10.0			16.0/14.0/12.0					
Outdoor air flow	Cooling	m^3/min		-			-					
	Heating	m^3/min		-			-					
Refrigerant type				R410A, R32			R410A, R32					
Product dimension	Height		mm	302			302					
	Width		mm	1120			1120					
	Depth		mm	236			236					
Product dimension(PANEL)		H×W×D	mm	-								
Packing dimension		Height	mm	282			282					
		Width	mm	1190			1190					
		Depth	mm	378			378					
Weight		(NET)	kg	13			13					
		(GROSS)	kg	16			16					
		Panel (NET)	kg	-								
Layers limit (actually)				11 (12)			11 (12)					
Operation condition		Cool (DBT)		-								
		Heat (DBT)		-								
PIPING	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 (m^3/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)

3. Wall Mounted (Type K2)

Unit Specifications (D)

INDOOR		MODEL		S-73MK2E5B			S-106MK2E5B					
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			
COOLING	Capacity	kW		7.3	7.3	7.3	10.6	10.6	10.6			
		BTU/h		24900	24900	24900	36200	36200	36200			
		Sensible	kW	5.3	5.3	5.3	7.0	7.0	7.0			
		Latent	kW	2.0	2.0	2.0	3.6	3.6	3.6			
	Current	A		0.52	0.51	0.50	0.72	0.70	0.68			
	Input power	W		55			80					
	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)		47/44/40			49/46/42					
		Power Level dB		62/59/55			64/61/57					
	Noise outdoor	dB-A (H/L)		-			-					
		Power Level dB		-			-					
HEATING	Capacity	kW		8.0	8.0	8.0	11.4	11.4	11.4			
		BTU/h		27300	27300	27300	38900	38900	38900			
	Current	A		0.52	0.51	0.50	0.72	0.70	0.68			
	Input power	W		55			80					
	COP/COP CLASS	TOTAL(W/W)*5/("A"~"G")		-	-	-	-	-	-			
	COP	BTU/hW		-	-	-	-	-	-			
	Power factor	%		-	-	-	-	-	-			
	Noise indoor*6	dB-A (H/M/L)		47/44/40			49/46/42					
		Power Level dB		62/59/55			64/61/57					
	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)			0.69/70	0.67/70	0.65/70	0.72/80	0.70/80	0.68/80			
Heating	Max Current(A)/Max Input power(W)			0.69/70	0.67/70	0.65/70	0.72/80	0.70/80	0.68/80			
Starting current(A)/Comp output(W)				-	-	-	-	-	-			
Network Impedance(ΩMAX.)				-			-					
Fan motor output (Indoor/Outdoor) W				54	/	-	54	/	-			
Moisture removal volume			L/h	3.2			5.7					
External static pressure			Pa	-			-					
Indoor air flow*6	Cooling	m^3/min (H/M/L)		19.5/17.0/14.0			21.5/18.5/15.0					
	Heating	m^3/min (H/M/L)		19.5/17.0/14.0			21.5/18.5/15.0					
Outdoor air flow	Cooling	m^3/min		-			-					
	Heating	m^3/min		-			-					
Refrigerant type				R410A, R32			R410A, R32					
Product dimension	Height		mm	302			302					
	Width		mm	1120			1120					
	Depth		mm	236			236					
Product dimension(PANEL)		H×W×D	mm	-								
Packing dimension		Height	mm	282			282					
		Width	mm	1190			1190					
		Depth	mm	378			378					
Weight		(NET)	kg	14			14					
		(GROSS)	kg	17			17					
		Panel (NET)	kg	-								
Layers limit (actually)				11 (12)			11 (12)					
Operation condition		Cool (DBT)		-			-					
		Heat (DBT)		-			-					
PIPING	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) *7 *8			(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					
	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 (m^3/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)
*7:Refer to the installation instruction for the outdoor unit connected.
*8:When the pipe diameter is (Liquid)ø6.35(1/4) (Gas)ø12.7(1/2), connect the liquid socket tube (ø6.35 - ø9.52) to the liquid tubing side indoor unit and connect the gas socket tube (ø12.7 - ø15.88) to the gas tubing side indoor unit.