

8. Floor Console (Type G1)

8-1. Specifications

Unit Specifications (A)

INDOOR		MODEL	S-22MG1E5N			S-28MG1E5N			S-36MG1E5N			
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	220	230	240	220	230	240	220	230	240	
C O O L I N G	Capacity		kW	2.2	2.2	2.2	2.8	2.8	2.8	3.6	3.6	3.6
			BTU/h	7500	7500	7500	9600	9600	9600	12300	12300	12300
	Current		A	0.20	0.20	0.20	0.20	0.20	0.20	0.23	0.23	0.23
	Input power		W	20			20			22		
	Annual consumption		W*4	-	-	-	-	-	-	-	-	-
	EER/EER CLASS		(W/W)*5/("A"~"G")	-	-	-	-	-	-	-	-	-
	EER		BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	-	-	-	-	-	-
	Noise indoor (H/M/L)		dB-A	38/34/29			38/34/29			39/35/29		
			Power Level dB	52/49/44			52/49/44			53/50/44		
Noise outdoor (H/L)		dB-A	-			-			-			
		Power Level dB	-			-			-			
H E A T I N G	Capacity		kW	2.5	2.5	2.5	3.2	3.2	3.2	4.2	4.2	4.2
			BTU/h	8500	8500	8500	10900	10900	10900	14300	14300	14300
	Current		A	0.20	0.20	0.20	0.20	0.20	0.20	0.24	0.24	0.24
	Input power		W	21			21			23		
	COP/COP CLASS		(W/W)*5/("A"~"G")	-	-	-	-	-	-	-	-	-
	COP		BTU/hW	-	-	-	-	-	-	-	-	-
	Power factor		%	-	-	-	-	-	-	-	-	-
	Noise indoor (H/M/L)		dB-A	38/34/29			38/34/29			39/35/29		
			Power Level dB	52/49/44			52/49/44			53/50/44		
	Noise outdoor (H/L)		dB-A	-			-			-		
		Power Level dB	-			-			-			
EXTRA LOW TEMP	Capacity(kW) / Input power(W) / COP		-			-			-			
Cooling	Max Current(A) / Max Input power(W)		0.20/20	0.20/20	0.20/20	0.20/20	0.20/20	0.20/20	0.23/22	0.23/22	0.23/22	
Heating	Max Current(A) / Max Input power(W)		0.20/21	0.20/21	0.20/21	0.20/21	0.20/21	0.20/21	0.24/23	0.24/23	0.24/23	
Starting current(A) / Comp output(W)			-			-			-			
Network Impedance(ΩMAX.) *3			-			-			-			
Fan motor output (Indoor/Outdoor) W			30 / -			30 / -			30 / -			
Moisture removal volume		L/h(Pt/h)	0.3 (0.6)			0.9 (1.9)			1.5 (3.2)			
External static pressure		Pa	-			-			-			
Indoor Air flow	Cooling	m ³ /min (ft ³ /min)	9.2/7.5/6.0 (325)/(265)/(212)			9.2/7.5/6.0 (325)/(265)/(212)			9.7/8.2/6.0 (343)/(290)/(212)			
	Heating	m ³ /min (ft ³ /min)	9.7/8.0/6.5 (343)/(283)/(230)			9.7/8.0/6.5 (343)/(283)/(230)			10.2/8.7/6.5 (360)/(307)/(230)			
Outdoor Air flow	Cooling	m ³ /min (ft ³ /min)	-			-			-			
	Heating	m ³ /min (ft ³ /min)	-			-			-			
Refrigerant type / amount g(oz)			R410A, -			R410A, -			R410A, -			
Product dimension	Height mm(inch)		600 (23-5/8)			600 (23-5/8)			600 (23-5/8)			
	Width mm(inch)		750 (29-17/32)			750 (29-17/32)			750 (29-17/32)			
	Depth mm(inch)		207 (8-5/32)			207 (8-5/32)			207 (8-5/32)			
Packing dimension	Height mm(inch)		270 (10-5/8)			270 (10-5/8)			270 (10-5/8)			
	Width mm(inch)		831 (32/23/32)			831 (32-23/32)			831 (32-23/32)			
	Depth mm(inch)		665 (26-3/16)			665 (26-3/16)			665 (26-3/16)			
Weight	(NET) kg(lb)		14 (31)			14 (31)			14 (31)			
	(GROSS) kg(lb)		17 (38)			17 (38)			17 (38)			
Layers limit (actually)			11 (12)			11 (12)			11 (12)			
Operation condition	Cool (DBT)		-			-			-			
	Heat (DBT)		-			-			-			
P I P I N G	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)			
	Connecting method		flared type			flared type			flared type			
	Pipe length range m (ft)		-			-			-			
	Indoor unit & Outdoor unit height difference m (ft)		-			-			-			
	Add gas amount g/m (oz/ft)		-			-			-			
Pipe length for additional gas m (ft)		-			-			-				

*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)

8. Floor Console (Type G1)

Unit specifications (B)

INDOOR		MODEL	S-45MG1E5N			S-56MG1E5N					
PANEL		MODEL	-			-					
Performance test condition			ISO15042 / AS/NZS3823.1 / EN14511 / EN12102								
C O O L I N G	Power supply	Ø, Hz	1Ø 50-60Hz			1Ø 50-60Hz					
		V	220	230	240	220	230	240			
	Capacity	kW	4.5	4.5	4.5	5.6	5.6	5.6			
		BTU/h	15400	15400	15400	19100	19100	19100			
	Current	A	0.25	0.25	0.25	0.27	0.27	0.27			
	Input power	W	28			31					
	Annual consumption	W*4	-	-	-	-	-	-			
	EER/EER CLASS	(W/W)*5/("A"~"G")	-	-	-	-	-	-			
	EER	BTU/hW	-	-	-	-	-	-			
	Power factor	%	-	-	-	-	-	-			
Noise indoor (H/M/L)	dB-A	42/37/30			44/38/30						
	Power Level dB	56/52/45			58/53/45						
Noise outdoor (H/L)	dB-A	-			-						
	Power Level dB	-			-						
H E A T I N G	Capacity	kW	5.0	5.0	5.0	6.3	6.3	6.3			
		BTU/h	17100	17100	17100	21500	21500	21500			
	Current	A	0.26	0.26	0.26	0.28	0.28	0.28			
	Input power	W	29			32					
	COP/COP CLASS	(W/W)*5/("A"~"G")	-	-	-	-	-	-			
	COP	BTU/hW	-	-	-	-	-	-			
	Power factor	%	-	-	-	-	-	-			
	Noise indoor (H/M/L)	dB-A	42/37/30			44/38/30					
		Power Level dB	56/52/45			58/53/45					
	Noise outdoor (H/L)	dB-A	-			-					
Power Level dB		-			-						
EXTRA LOW TEMP	Capacity(kW) / Input power(W) / COP	-									
Cooling	Max Current(A) / Max Input power(W)	0.25/28	0.25/28	0.25/28	0.27/31	0.27/31	0.27/31				
Heating	Max Current(A) / Max Input power(W)	0.26/29	0.26/29	0.26/29	0.28/32	0.28/32	0.28/32				
Starting current(A) / Comp output(W)		-									
Network Impedance(ΩMAX.) *3		-									
Fan motor output (Indoor/Outdoor) W		30 / -			30 / -						
Moisture removal volume		L/h(Pt/h)		2.1 (4.4)		2.8 (5.9)					
External static pressure		Pa									
Indoor Air flow	Cooling	m ³ /min (ft ³ /min)	10.5/9.0/6.5 (371)/(318)/(230)			12.0/9.5/6.5 (424)/(335)/(230)					
	Heating	m ³ /min (ft ³ /min)	11.0/9.5/7.0 (388)/(335)/(247)			12.5/10.0/7.0 (441)/(353)/(247)					
Outdoor Air flow	Cooling	m ³ /min (ft ³ /min)	-			-					
	Heating	m ³ /min (ft ³ /min)	-			-					
Refrigerant type / amount g(oz)		R410A, -			R410A, -						
Product dimension	Height mm(inch)	600 (23-5/8)			600 (23-5/8)						
	Width mm(inch)	750 (29-17/32)			750 (29-17/32)						
	Depth mm(inch)	207 (8-5/32)			207 (8-5/32)						
Packing dimension	Height mm(inch)	270 (10-5/8)			270 (10-5/8)						
	Width mm(inch)	831 (32-23/32)			831 (32-23/32)						
	Depth mm(inch)	665 (26-3/16)			665 (26-3/16)						
Weight	(NET) kg(lb)	14 (31)			14 (31)						
	(GROSS) kg(lb)	17 (38)			17 (38)						
Layers limit (actually)		11 (12)			11 (12)						
Operation condition	Cool (DBT)	-			-						
	Heat (DBT)	-			-						
P I P I N G	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					
	Pipe length range m (ft)		-			-					
	Indoor unit & Outdoor unit height difference m (ft)		-			-					
	Add gas amount g/m (oz/ft)		-			-					
Pipe length for additional gas m (ft)		-			-						

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