

12. Concealed Floor Standing (Type R1)

12-1. Specifications

Unit specifications (A)

MODEL No.		Indoor Unit		S-22MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		2.2			2.5		
	BTU / h		7,500			8,500		
Air circulation (Hi / Me / Lo)		m ³ / h	420 / 360 / 300					
Moisture removal (High)		Liters / h	1.0			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.24	0.25	0.26	0.17	0.18	0.19
Power input		W	51	56	61	36	40	45
Power factor		%	97	97	98	96	97	99
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	33 / 30 / 28					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions		Package dimensions		
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)		679 (26-23 / 32)			
	Width	mm (in.)	904 (35-19 / 32)		976 (38-7 / 16)			
	Depth	mm (in.)	229 (9-1 / 32)		312 (12-9 / 32)			
Net weight		kg (lbs.)	21 (46)					
Shipping weight		kg (lbs.)	23 (51)					
Shipping volume		m ³ (cu.ft)	0.207 (7.3)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

12. Concealed Floor Standing (Type R1)

Unit specifications (B)

MODEL No.		Indoor Unit		S-28MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		2.8			3.2		
	BTU / h		9,600			11,000		
Air circulation (Hi / Me / Lo)		m ³ / h	420 / 360 / 300					
Moisture removal (High)		Liters / h	1.3			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.24	0.25	0.26	0.17	0.18	0.19
Power input		W	51	56	61	36	40	45
Power factor		%	97	97	98	96	97	99
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	33 / 30 / 28					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions			Package dimensions	
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)			679 (26-23 / 32)		
	Width	mm (in.)	904 (35-19 / 32)			976 (38-7 / 16)		
	Depth	mm (in.)	229 (9-1 / 32)			312 (12-9 / 32)		
Net weight		kg (lbs.)	21 (46)					
Shipping weight		kg (lbs.)	23 (51)					
Shipping volume		m ³ (cu.ft)	0.207 (7.3)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

12. Concealed Floor Standing (Type R1)

Unit specifications (C)

MODEL No.		Indoor Unit		S-36MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		3.6			4.2		
	BTU / h		12,000			14,000		
Air circulation (Hi / Me / Lo)		m ³ / h	540 / 420 / 360					
Moisture removal (High)		Liters / h	1.7			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.37	0.38	0.39	0.30	0.31	0.32
Power input		W	79	85	91	64	70	76
Power factor		%	97	97	97	97	98	99
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	39 / 35 / 29					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions		Package dimensions		
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)		679 (26-23 / 32)			
	Width	mm (in.)	904 (35-19 / 32)		976 (38-7 / 16)			
	Depth	mm (in.)	229 (9-1 / 32)		312 (12-9 / 32)			
Net weight		kg (lbs.)	21 (46)					
Shipping weight		kg (lbs.)	23 (51)					
Shipping volume		m ³ (cu.ft)	0.207 (7.3)					

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Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

12. Concealed Floor Standing (Type R1)

Unit specifications (D)

MODEL No.		Indoor Unit		S-45MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		4.5			5.0		
	BTU / h		15,000			17,000		
Air circulation (Hi / Me / Lo)		m ³ / h	720 / 540 / 480					
Moisture removal (High)		Liters / h	2.5			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.54	0.56	0.58	0.37	0.41	0.43
Power input		W	116	126	136	79	91	101
Power factor		%	98	98	98	97	97	98
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	38 / 35 / 31					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions			Package dimensions	
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)			679 (26-23 / 32)		
	Width	mm (in.)	1219 (48)			1291 (50-13 / 16)		
	Depth	mm (in.)	229 (9-1 / 32)			312 (12-9 / 32)		
Net weight		kg (lbs.)	28 (62)					
Shipping weight		kg (lbs.)	31 (68)					
Shipping volume		m ³ (cu.ft)	0.273 (9.6)					

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Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

12. Concealed Floor Standing (Type R1)

Unit specifications (E)

MODEL No.		Indoor Unit		S-56MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		5.6			6.3		
	BTU / h		19,000			21,000		
Air circulation (Hi / Me / Lo)		m ³ / h	900 / 780 / 660					
Moisture removal (High)		Liters / h	2.5			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.54	0.56	0.58	0.37	0.41	0.43
Power input		W	116	126	136	79	91	101
Power factor		%	98	98	98	97	97	98
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	39 / 36 / 31					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	6.35 (1 / 4)					
	Gas tube	mm (in.)	12.7 (1 / 2)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions		Package dimensions		
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)		679 (26-23 / 32)			
	Width	mm (in.)	1219 (48)		1291 (50-13 / 16)			
	Depth	mm (in.)	229 (9-1 / 32)		312 (12-9 / 32)			
Net weight		kg (lbs.)	28 (62)					
Shipping weight		kg (lbs.)	31 (68)					
Shipping volume		m ³ (cu.ft)	0.273 (9.6)					

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Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB

12. Concealed Floor Standing (Type R1)

Unit specifications (F)

MODEL No.		Indoor Unit		S-71MR1E5				
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz				
PERFORMANCE				Cooling			Heating	
Capacity	kW		7.1			8.0		
	BTU / h		24,000			27,000		
Air circulation (Hi / Me / Lo)		m ³ / h	1020 / 840 / 720					
Moisture removal (High)		Liters / h	3.5			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.70	0.72	0.73	0.52	0.54	0.56
Power input		W	150	160	170	110	120	130
Power factor		%	97	97	97	96	97	97
Max. starting amperes		A	1	1	1	1	1	1
FEATURES								
Controls		Microprocessor						
Timer		ON / OFF Timer (Max. 72 h)						
Fan speeds		3 and Automatic control						
Air filter		Washable, easy access						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	41 / 38 / 35					
Refrigerant tubing connections		Flare type						
Refrigerant tube diameter	Liquid tube	mm (in.)	9.52 (3 / 8)					
	Gas tube	mm (in.)	15.88 (5 / 8)					
Drain connection		20 A, OD26 mm						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Unit dimensions		Package dimensions		
Unit dimensions	Height	mm (in.)	616 (24-1 / 4)		679 (26-23 / 32)			
	Width	mm (in.)	1219 (48)		1291 (50-13 / 16)			
	Depth	mm (in.)	229 (9-1 / 32)		312 (12-9 / 32)			
Net weight		kg (lbs.)	28 (62)					
Shipping weight		kg (lbs.)	31 (68)					
Shipping volume		m ³ (cu.ft)	0.273 (9.6)					

DATA SUBJECT TO CHANGE WITHOUT NOTICE.

Rated conditions

Cooling: Indoor air temperature 27°C DB / 19°C WB; Outdoor air temperature 35°C DB

Heating: Indoor air temperature 20°C DB; Outdoor air temperature 7°C DB / 6°C WB