

9. 2-Way Cassette (Type L1)

9-1. Specifications

Unit specifications (A)

MODEL No.		Indoor Unit		S-22ML1E5					
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		480 / 420 / 360					
Moisture removal (High)		Liters / h		0.5			-		
ELECTRICAL RATINGS									
Voltage rating		V		220	230	240	220	230	240
Available voltage range		V		198 - 264			198 - 264		
Running amperes		A		0.45	0.45	0.45	0.29	0.29	0.30
Power input		W		86	90	95	55	58	62
Power factor		%		87	87	88	86	87	86
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							
Airflow direction		Automatic (Remote control)							
Air filter		Washable, easy access, long life (2,500 h)							
Refrigerant control		Electronic expansion valve							
Operation sound (Hi / Me / Lo)		dB-A		30 / 27 / 24					
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		25 A, OD32 mm							
Drain pump		Max. head 500 mm above drain connection							
Panel		Optional (CZ-02KPL2)							
Remote controller		Optional (Wired / Wireless)							
Refrigerant tubing kit / Accessories		Optional / -							
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL							
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height		mm (in.)		310 (12-7 / 32)		165 (6-1 / 2)	
		Width		mm (in.)		1082 (42-19 / 32)		1147 (45-5 / 32)	
		Depth		mm (in.)		658 (25-29 / 32)		789 (31-1 / 16)	
Net weight		kg (lbs.)		23 + 5.5 (50.7 + 12.1)		-		-	
Shipping weight		kg (lbs.)		-		26 (57)		8 (18)	
Shipping volume		m ³ (cu.ft)		-		0.221 (7.8)		0.149 (5.3)	

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

9. 2-Way Cassette (Type L1)

Unit specifications (B)

MODEL No.		Indoor Unit		S-28ML1E5					
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		540 / 480 / 420					
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		0.44	0.45	0.45	0.28	0.29	0.30
Power input		W		86	92	97	55	60	64
Power factor		%		89	89	90	89	90	89
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					
Airflow direction				Automatic (Remote control)					
Air filter				Washable, easy access, long life (2,500 h)					
Refrigerant control				Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A		33 / 29 / 26					
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				25 A, OD32 mm					
Drain pump				Max. head 500 mm above drain connection					
Panel				Optional (CZ-02KPL2)					
Remote controller				Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories				Optional / -					
Color (Approximate value)				Munsell 10Y 9.3 / 0.4, RAL 9010-GL					
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height		mm (in.)		310 (12-7 / 32)		165 (6-1 / 2)	
		Width		mm (in.)		1082 (42-19 / 32)		1147 (45-5 / 32)	
		Depth		mm (in.)		658 (25-29 / 32)		789 (31-1 / 16)	
Net weight		kg (lbs.)		23 + 5.5 (50.7 + 12.1)		-		-	
Shipping weight		kg (lbs.)		-		26 (57)		8 (18)	
Shipping volume		m ³ (cu.ft)		-		0.221 (7.8)		0.149 (5.3)	

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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

9. 2-Way Cassette (Type L1)

Unit specifications (C)

MODEL No.		Indoor Unit		S-36ML1E5					
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		580 / 520 / 460					
Moisture removal (High)		Liters / h		1.6			-		
ELECTRICAL RATINGS									
Voltage rating		V		220	230	240	220	230	240
Available voltage range		V		198 - 264			198 - 264		
Running amperes		A		0.44	0.45	0.45	0.28	0.29	0.30
Power input		W		88	93	99	57	61	66
Power factor		%		91	90	92	93	91	92
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					
Airflow direction				Automatic (Remote control)					
Air filter				Washable, easy access, long life (2,500 h)					
Refrigerant control				Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A		34 / 31 / 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				25 A, OD32 mm					
Drain pump				Max. head 500 mm above drain connection					
Panel				Optional (CZ-02KPL2)					
Remote controller				Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories				Optional / -					
Color (Approximate value)				Munsell 10Y 9.3 / 0.4, RAL 9010-GL					
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height	mm (in.)	358 (14-3 / 32)		310 (12-7 / 32)		165 (6-1 / 2)	
		Width	mm (in.)	1060 (41-23 / 32)		1082 (42-19 / 32)		1147 (45-5 / 32)	
		Depth	mm (in.)	680 (26-25 / 32)		658 (25-29 / 32)		789 (31-1 / 16)	
Net weight		kg (lbs.)		23 + 5.5 (50.7 + 12.1)		-		-	
Shipping weight		kg (lbs.)		-		26 (57)		8 (18)	
Shipping volume		m ³ (cu.ft)		-		0.221 (7.8)		0.149 (5.3)	

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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

9. 2-Way Cassette (Type L1)

Unit specifications (D)

MODEL No.		Indoor Unit		S-45ML1E5					
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		660 / 540 / 480					
Moisture removal (High)		Liters / h		2.4			-		
ELECTRICAL RATINGS									
Voltage rating		V		220	230	240	220	230	240
Available voltage range		V		198 - 264			198 - 264		
Running amperes		A		0.45	0.45	0.45	0.29	0.29	0.30
Power input		W		91	97	103	60	65	70
Power factor		%		92	94	95	94	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					
Airflow direction				Automatic (Remote control)					
Air filter				Washable, easy access, long life (2,500 h)					
Refrigerant control				Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A		35 / 33 / 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				25 A, OD32 mm					
Drain pump				Max. head 500 mm above drain connection					
Panel				Optional (CZ-02KPL2)					
Remote controller				Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories				Optional / -					
Color (Approximate value)				Munsell 10Y 9.3 / 0.4, RAL 9010-GL					
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height		mm (in.)		310 (12-7 / 32)		165 (6-1 / 2)	
		Width		mm (in.)		1082 (42-19 / 32)		1147 (45-5 / 32)	
		Depth		mm (in.)		658 (25-29 / 32)		789 (31-1 / 16)	
Net weight		kg (lbs.)		23 + 5.5 (50.7 + 12.1)		-		-	
Shipping weight		kg (lbs.)		-		26 (57)		8 (18)	
Shipping volume		m ³ (cu.ft)		-		0.221 (7.8)		0.149 (5.3)	

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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

9. 2-Way Cassette (Type L1)

Unit specifications (E)

MODEL No.		Indoor Unit		S-56ML1E5				
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	660 / 540 / 480					
Moisture removal (High)		Liters / h	2.4			-		
ELECTRICAL RATINGS								
Voltage rating		V	220	230	240	220	230	240
Available voltage range		V	198 - 264			198 - 264		
Running amperes		A	0.45	0.45	0.45	0.29	0.29	0.30
Power input		W	91	97	103	60	65	70
Power factor		%	92	94	95	94	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						
Airflow direction		Automatic (Remote control)						
Air filter		Washable, easy access, long life (2,500 h)						
Refrigerant control		Electronic expansion valve						
Operation sound (Hi / Me / Lo)		dB-A	35 / 33 / 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		25 A, OD32 mm						
Drain pump		Max. head 500 mm above drain connection						
Panel		Optional (CZ-02KPL2)						
Remote controller		Optional (Wired / Wireless)						
Refrigerant tubing kit / Accessories		Optional / -						
Color (Approximate value)		Munsell 10Y 9.3 / 0.4, RAL 9010-GL						
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package		
Unit dimensions		Height	mm (in.)	358 (14-3 / 32)		310 (12-7 / 32)	165 (6-1 / 2)	
		Width	mm (in.)	1060 (41-23 / 32)		1082 (42-19 / 32)	1147 (45-5 / 32)	
		Depth	mm (in.)	680 (26-25 / 32)		658 (25-29 / 32)	789 (31-1 / 16)	
Net weight		kg (lbs.)	23 + 5.5 (50.7 + 12.1)		-	-		
Shipping weight		kg (lbs.)	-		26 (57)	8 (18)		
Shipping volume		m ³ (cu.ft)	-		0.221 (7.8)	0.149 (5.3)		

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

9. 2-Way Cassette (Type L1)

Unit specifications (F)

MODEL No.		Indoor Unit		S-73ML1E5					
POWER SOURCE				220 - 230 - 240 V, single-phase, 50/60 Hz					
PERFORMANCE				Cooling			Heating		
Capacity		kW		7.3			8.0		
		BTU / h		25,000			27,000		
Air circulation (Hi / Me / Lo)		m ³ / h		1,140 / 960 / 840					
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		0.64	0.65	0.66	0.46	0.48	0.49
Power input		W		135	145	154	100	109	117
Power factor		%		96	94	97	99	99	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					
Airflow direction				Automatic (Remote control)					
Air filter				Washable, easy access, long life (2,500 h)					
Refrigerant control				Electronic expansion valve					
Operation sound (Hi / Me / Lo)		dB-A		38 / 35 / 33					
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				25 A, OD32 mm					
Drain pump				Max. head 500 mm above drain connection					
Panel				Optional (CZ-03KPL2)					
Remote controller				Optional (Wired / Wireless)					
Refrigerant tubing kit / Accessories				Optional / -					
Color (Approximate value)				Munsell 10Y 9.3 / 0.4, RAL 9010-GL					
DIMENSIONS & WEIGHT				Indoor unit (including panel)		Package			
Unit dimensions		Height		mm (in.)		310 (12-7 / 32)		165 (6-1 / 2)	
		Width		mm (in.)		1382 (54-13 / 32)		1447 (56-31 / 32)	
		Depth		mm (in.)		658 (25-29 / 32)		789 (31-1 / 16)	
Net weight		kg (lbs.)		30 + 9 (66 + 20)		-		-	
Shipping weight		kg (lbs.)		-		23 + 5.5 (50.7 + 12.1)		13 (29)	
Shipping volume		m ³ (cu.ft)		-		0.282 (10.0)		0.188 (6.7)	

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