

SE(CM,CS,CL) / SCVC Series

CASSETTE Air Conditioner 60Hz

Cooling Nominal: 18,000 - 60,000 Btuh (5.3 - 17.5 kW)

13 SEER - R410A Refrigerant

INDOOR UNIT						
MODEL NO.	SEC	M018P 2A-RWD053	S024P 2A-RWD070	S036P 2A-RWD105	L048P 2A-RWD140	L060P 2A-RWD175
Cooling Capacity Btuh (kw)	Nominal	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)	48,000 (14.0)	60,000 (17.5)
Efficiency - SEER	Btuh/w (w/w)	13.0 (3.8)	13.0 (3.8)	13.0 (3.8)	13.0 (3.8)	13.0 (3.8)
Refrigerant Control		Accurator / Piston Type @ Indoor Unit				
Fan	Type	Coaxial Turbo Fan				
	Speed	3	3	3	3	3
	Air Flow CFM (m ³ /hr) - Hi	370 (630)	738 (1250)	972 (1650)	972 (1650)	972 (1650)
	Noise Level (dbA) - Hi	49	49	52	52	52
	Motor Input (Watts)	60	155	200	200	200
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin				
Air Filter		Cleanable Cartridge Type				
Electrical	Voltage	208/230-1-60				
	Range	min 187 - max 253			min 198 - max 242	
	FLA	0.30	0.72	0.95	0.95	0.95
Controls		LCD Wireless Remote Control				
Refrigerant Connections inches (mm)	Type	Flare				
	Liquid	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
	Suction	5/8 (15.8)	5/8 (15.8)	3/4 (19.0)	3/4 (19.0)	3/4 (19.0)
Drain Connections inches (mm)		1 (25)	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)	1 1/4 (32)
Body Dimensions inches (mm)	Height	8 7/8 (225)	8 7/8 (225)	9 5/8 (245)	9 5/8 (245)	9 5/8 (245)
	Width	48 (1220)	48 (1220)	55 7/8 (1420)	66 7/8 (1700)	66 7/8 (1700)
	Depth	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)
Net Weight	Lbs (kgs)	85.8 (39)	92 (42)	92 (42)	115 (52)	115 (52)
Panel Dimensions inches (mm)	Height	1 1/2 (40)	2 1/4 (60)	2 1/4 (60)	2 1/4 (60)	2 1/4 (60)
	Width	25 1/2 (650)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)
	Depth	25 1/2 (650)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)	37 1/2 (950)
Net Weight	Lbs (kgs)	9 (4)	15 (7)	15 (7)	15 (7)	15 (7)

OUTDOOR UNIT						
MODEL NO.	SCVC	018S 2A-RLD053	024S 2A-RLD070	036S 2A-RHD105	048S 2A-RDD140	060S 2A-RDD175
Compressor Type		Rotary			Scroll	
Outdoor Fan	No of Fans	1	1	1	1	1
	Noise Level (dbA)	59	58	61	64	66
Coil Type:		Aluminum Micro channel				
Electrical	Voltage	208/230-1-60				
	Range (min-max)	min 187 - max 253				
	Running Amps (RLA)	7.9	9.8	15.1	21	25
	Cooling Pwr. Input Nom. (W)	1650	2100	3000	4300	5100
	Min. Circuit Amps (MCA)	11.7	15.0	22.6	30.5	38
	Max Fuse Amps (MOCP)	15	20	30	35	40
Refrigerant Charge R410a (oz./kgs.)		52.9 / 1.5	67.0 / 1.9	84.7 / 2.4	105.8 / 3.0	141.1 / 4.0
Refrigerant Connections inches (mm)	Type	Sweat				
	Liquid	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)
	Suction	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.5)
Max Pipe Distance Ft.(m)	Height	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)
	Length	100 (33)	100 (33)	100 (33)	100 (33)	100 (33)
Dimensions inches (mm)	Height	24 (610)	24 3/8 (620)	29 (735)	29 (735)	33 1/2 (850)
	Width	21 1/2 (546)	24 (610)	27 (710)	27 (710)	29 1/2 (750)
	Depth	21 1/2 (546)	24 (610)	27 (710)	27 (710)	29 1/2 (750)
Net Weight	Lbs (kgs)	99.2 (45)	119.0 (54)	154.3 (70)	185.2 (84)	233.7 (106)