

SEUC / SCVC SERIES
MULTI-POSITION Air Handler 60Hz
Cooling Nominal: 18,000 - 60,000 Btuh (5.3 - 17.5 kW)
13 SEER - R410A Refrigerant

INDOOR UNIT

MODEL NO.	SEUC	018P	024P	030P	036P	042P	048P	060P	
		2A-RLD053	2A-RLD070	2A-RLD090	2A-RLD105	2A-RLD125	2A-RLD140	0A-RLD175	
Cooling Capacity Btuh (kw)		Nominal	18,000 (5.3)	24,000 (7.0)	30,000 (8.8)	36,000 (10.5)	42,000 (12.5)	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)	13.0 (3.8)	13.0 (3.8)
Refrigerant Control		Accurator / Piston Type @ Indoor Unit							
Fan	Type	Centrifugal							
	Speed	2	2	2	4	4	2	DC	
	Air Flow CFM (m³/hr) - Hi	640 (1900)	825 (1400)	980 (1660)	1140 (1940)	1300 (2210)	1400 (2380)	1650 (2800)	
	Noise Level (dbA) - Hi	48	48	50	48	50	50	55	
	Motor (Watts)	45	150	185	245	245	375	560	
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin							
Air Filter		Throw Away Type							
Electrical	Voltage	208/230-1-60							
	Range	min 187 - max 254							
	FLA	0.62	1.52	1.25	2.0	2.0	2.5	4.6	
Controls		24V, Fan Relay Control							
Refrigerant Connections inches (mm)		See Outdoor Unit Data							
Drain Connections inches (mm)		3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	
Dimensions inches (mm)	Height	43 1/2 (1105)	43 1/2 (1105)	43 1/2 (1105)	48 1/8 (1224)	48 1/8 (1224)	48 1/8 (1224)	48 1/8 (1224)	
	Width	18 1/8 (460)	18 1/8 (460)	18 1/8 (460)	21 3/8 (540)	21 3/8 (540)	25 1/8 (640)	25 1/8 (640)	
	Depth	21 3/8 (540)	21 3/8 (540)	21 3/8 (540)	21 3/8 (540)	21 3/8 (540)	21 3/8 (540)	21 3/8 (540)	
Net Weight	Lbs (kgs)	114.4 (52)	117 (53)	122 (55.5)	143 (65)	147 (67)	174 (79)	176 (80)	

OUTDOOR UNIT

MODEL NO.	SCVC	018S	024S	030S	036S	042S	048S	060S	
		2A-RLD053	2A-RLD070	2A-RLD090	2A-RHD105	2A-RDD125	2A-RDD140	2A-RDD175	
Compressor Type		Rotary					Scroll		
Outdoor Fan	No of Fans	1	1	1	1	1	1	1	
	Noise Level (dbA)	59	58	60	61	62	64	66	
Coil Type:		Aluminum Micro channel							
Electrical	Voltage	208/230-1-60							
	Range (min-max)	min 187 - max 254							
	Running Amps (RLA)	7.9	9.8	12.6	15.1	21.5	21	25	
	Cooling Pwr. Input Nom. (W)	1650	2100	2750	3000	3800	4300	5100	
	Min. Circuit Amps (MCA)	11.7	15.0	18.2	22.6	30.6	30.5	38	
	Max Fuse Amps (MOCP)	15	20	20	30	35	35	40	
Refrigerant Charge R410a (oz./kgs.)		52.9 / 1.5	67.0 / 1.9	63.5 / 1.8	84.7 / 2.4	81.1 / 2.3	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)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	
Max Pipe Distance Ft.(m)	Suction	5/8 (15.9)	5/8 (15.9)	3/4 (19.1)	3/4 (19.1)	7/8 (22.2)	7/8 (22.2)	1 1/8 (28.5)	
	Height	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	49 (15)	
Dimensions inches (mm)	Length	100 (33)	100 (33)	100 (33)	100 (33)	100 (33)	100 (33)	100 (33)	
	Height	24 (610)	24 3/8 (620)	29 (735)	29 (735)	29 (735)	29 (735)	33 1/2 (850)	
	Width	21 1/2 (546)	24 (610)	24 (610)	27 (710)	27 (710)	27 (710)	29 1/2 (750)	
Net Weight	Depth	21 1/2 (546)	24 (610)	24 (610)	27 (710)	27 (710)	27 (710)	29 1/2 (750)	
	Lbs (kgs)	99.2 (45)	119.0 (54)	130.1 (59)	154.3 (70)	172.0 (78)	185.2 (84)	233.7 (106)	