

IEUA / ICVE Series
INVERTER MULTI-POSITION Air Handler 60Hz
Cooling Nominal: 24,000 - 60,000 Btuh (7.0 - 17.5 kW)
18 SEER - R410A Refrigerant

INDOOR UNIT						
MODEL NO.	IEUA	002P 2A-RC1070	003P 0A-RC1105	004P 0A-RC1130	005P 0A-RC1160	
Cooling Capacity Btuh (kw)	Nominal	24,000 (7.0)	36,000 (10.5)	48000 (14.0)	60,000 (17.5)	
	Minimum	11,770 (3.45)	15,200 (4.45)	17810 (5.2)	25,100 (7.3)	
	Maximum	26,500 (7.77)	39,900 (11.7)	46,400 (13.6)	54,500 (15.9)	
Efficiency - SEER		Btuh/w (w/w)	18.0 (5.3)	18.0 (5.3)	18 (5.3)	18.0 (5.3)
Application Area		sqft (m2)	170-280 (16-26)	250-470 (23-44)	290-600 (27-55)	480-800 (45-75)
Dehumidification Amount		Pt/h (L/h)	2.96 (1.40)	3.80 (1.80)	5.28 (2.50)	7.40 (3.50)
Refrigerant Control		Electronic Expansion Valve @ Outdoor Unit				
Fan	Type	Centrifugal				
	Speed	3	3	3	3	
	Air Flow CFM (m³/hr) - Hi	706 (1200)	1150 (1954)	1300 (2209)	1420 (2400)	
	Noise Level (dbA) Hi/Lo	57	62	63	63	
	Motor (Watts)	60	500	750	750	
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin				
Air Filter		Throw Away Type				
Electrical	Voltage	208/230-1-60				
	Range	min 187 - max 253				
	FLA	0.52	3.6	4.6	4.6	
Controls		LCD Wireless Remote 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)	
Dimensions inches (mm)	Height	43 1/2 (1105)	43 1/2 (1105)	43 1/2 (1105)	43 1/2 (1105)	
	Width	21 (532)	21 (532)	24 1/2 (621)	24 1/2 (621)	
	Depth	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)	21 1/4 (540)	
Net Weight	Lbs (kgs)	125.4 (57)	138.6 (63)	162.8 (74)	162.8 (74)	

OUTDOOR UNIT						
MODEL NO.	ICVE	002S 2A-RMI070	003S 2A-RMI105	004S 2A-RMI130	005S 2A-RLI160	
Compressor Type		DC Inverter Rotary				
Outdoor Fan	No of Fans	1	1	1	1	
	Noise Level (dbA)	67	72	73	73	
Coil Type:		Micro channel				
Electrical	Voltage	208/230-1-60				
	Range (min-max)	min 187 - max 253				
	Running Amps (RLA)	9.7	13.2	13.2	21	
	Cooling Pwr. Input Nom. (W)	2200	3010	3010	4580	
	Min. Circuit Amps (MCA)	12.8	17.2	17.2	27.0	
	Max Fuse Amps (MOCP)	15	20	20	30	
Refrigerant R410 (oz./kgs.)		30.2 / 0.86	45.1 / 1.27	52.2 / 1.48	53.6 / 1.52	
Refrigerant Connections inches (mm)	Type	Sweat				
	Liquid	3/8 (10)	3/8 (10)	3/8 (10)	1/2 (12)	
	Suction	5/8 (16)	3/4 (16)	7/8 (22)	7/8 (22)	
Max Pipe Distance Ft.(m)	Height	49 (15)	49 (15)	49 (15)	49 (15)	
	Length	100 (33)	100 (33)	100 (33)	100 (33)	
Dimensions inches (mm)	Height	23 3/8 (620)	29 (735)	33 1/2 (850)	33 1/2 (850)	
	Width	24 (610)	28 (710)	28 (710)	29 1/2 (750)	
	Depth	24 (610)	28 (710)	28 (710)	29 1/2 (750)	
Net Weight	Lbs (kgs)	114 (52)	156 (71)	169.4 (77)	211 (96)	