

ISWH Series

INVERTER HIGH WALL Air Conditioner 60Hz

Cooling Nominal: 9,000 - 36,000 Btuh (2.8 - 10.5 kW)
Up To 22 SEER - R410A Refrigerant

INDOOR UNIT							
MODEL NO.	ISWH	009I	012I	018I	024I	036I	
		2A-RWM028	2A-RWK035	2A-RWI053	2A-RWI070	2A-RWG105	
Cooling Capacity Btuh (kw)	Nominal	9,000 (2.8)	12,000 (3.5)	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)	
	Minimum	3,500 (1.0)	3,100 (0.9)	5,970 (1.8)	9,600 (2.8)	7,400 (4.2)	
	Maximum	9,600 (3.2)	13,000 (3.8)	22,350 (6.6)	25,000 (7.3)	36,000 (10.5)	
Efficiency	SEER	Btuh/w (w/w)	22 (6.3)	20 (5.7)	18 (5.3)	18 (5.3)	16 (4.7)
Refrigerant Control		Electronic Expansion Valve @ Outdoor Unit					
Fan	Type	Cross Flow Fan					
	Speed	4	4	4	4	4	
	Air Flow CFM (m³/hr) - Hi	306 (520)	335 (570)	500 (850)	588 (1,000)	824 (1,400)	
	Noise Level (dbA) Hi/Lo	42/32	44/33	49/35	53/37	59/53	
	Motor (Watts)	20	20	20	60	60	
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					
	FLA	0.20	0.20	0.32	0.24	0.47	
Controls		LCD Wireless Remote Control					
Refrigerant Connections inches (mm)		See Outdoor Unit Data					
Drain Connections inches (mm)		5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	
Dimensions inches (mm)	Height	10 7/8 (275)	10 7/8 (275)	11 3/4 (298)	12 3/8 (315)	12 7/8 (326)	
	Width	33 1/4 (845)	33 1/4 (845)	37 (940)	39 5/8 (1007)	53 1/8 (1350)	
	Depth	7 1/8 (180)	7 1/8 (180)	7 7/8 (200)	8 5/8 (246)	10 (253)	
Net Weight	Lbs (kgs)	24 (11)	24 (11)	29 (13)	36 (16)	44 (20)	

OUTDOOR UNIT							
MODEL NO.	ISHH	009I	012I	018I	024I	036I	
		7A-RLM028	7A-RLK035	7A-RLI053	7A-RLI070	7A-RMG105	
Compressor Type		DC Inverter Rotary					
Outdoor Fan	No of Fans	1	1	1	1	1	
	Noise Level (dbA)	50	52	56	58	65	
Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin					
Electrical	Voltage	208/230-1-60					
	Range (min-max)	min 187 - max 253					
	Running Amps (RLA)	3.2	3.2	4.1	4.9	13.5	
	Cooling Pwr. Input Nom. (W)	860	860	1200	1420	3010	
	Min. Circuit Amps (MCA)	4.3	4.3	5.7	7.5	18.1	
	Max Fuse Amps (MOCP)	15	15	15	15	30	
Refrigerant R410 (oz./kgs.)		45.9 / 1.30	45.9 / 1.30	49.4 / 1.4	56.5 / 1.6	91.7 / 2.6	
Refrigerant Connections inches (mm)	Type	Flare					
	Liquid	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	
	Suction	3/8 (10)	3/8 (10)	1/2 (12)	5/8 (16)	5/8 (16)	
MAX Pipe Distance Ft.(m)	Height	33 (10)	33 (10)	33 (10)	33 (10)	33 (10)	
	Length	49 (15)	67 (20)	82 (25)	82 (25)	67 (30)	
Dimensions inches (mm)	Height	21 1/4 (540)	23 1/4 (590)	27 1/2 (700)	31 1/8 (790)	31 1/8 (790)	
	Width	33 3/8 (848)	33 3/8 (848)	37 5/8 (955)	38 5/8 (980)	38 5/8 (980)	
	Depth	12 5/8 (320)	12 5/8 (320)	15 5/8 (396)	16 3/4 (427)	16 3/4 (427)	
Net Weight	Lbs (kgs)	79 (36)	88 (40)	99 (45)	120 (54)	160 (73)	