

ISWG / ISWH Series
INVERTER HIGH WALL Air Conditioner 50Hz
Cooling Nominal: 9,000 - 36,000 Btuh (2.7 - 10.6 kW)
Up To 21.5 SEER - R410A Refrigerant

INDOOR UNIT							
MODEL NO.	IS - -		WG009P	WG012P	WG018P	WG024P	WH036P
			3A-RWJ028	3A-RWH035	3A-RWI053	3A-RWH070	3A-RWL105
Cooling Capacity Btuh (kw)	Nominal		9,000 (2.6)	12,000 (3.5)	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)
	Minimum		1,500 (0.5)	2,000 (0.6)	4,094 (1.2)	8,632 (2.5)	13,648 (4.0)
	Maximum		11,670 (3.4)	14,850 (4.4)	22,240 (6.6)	23,710 (6.9)	36,920 (10.8)
Heating Capacity Btuh (kw)	Nominal		9,500 (2.8)	12,500 (3.7)	19,000 (5.5)	25,000 (7.3)	37,000 (10.9)
	Minimum		1,500 (0.5)	2,000 (0.6)	3,753 (1.1)	8,632 (2.5)	12,624 (3.7)
	Maximum		14,000 (4.1)	17,500 (5.1)	20,472 (6.0)	25,931 (7.6)	40,262 (11.8)
Efficiency	SEER	Btuh/w (w/w)	19.1 (5.6)	17.4 (5.1)	18.4 (5.4)	17.4 (5.1)	21.5 (6.3)
	COP	Btuh/w (w/w)	10.9 (3.2)	11.5 (3.4)	11.3 (3.3)	10.7 (3.2)	13.0 (3.8)
	Energy Class	A, A+, A++	A+	A	A	A	A++
Refrigerant Control			Electronic Exp. Valve		Capillary Tube		E. Exp. Valve
Fan	Type		Cross Flow Fan				
	Speed		4	4	4	4	4
	Air Flow CFM (m ³ /hr) - Hi		353 (600)	400 (680)	471 (800)	588 (1,000)	765 (1,300)
	Noise Level (dbA) Hi/Lo		41/24	42/25	49/35	51/37	52/35
	Motor Output (Watts)		10	10	20	35	70
Coil Type:			Grooved Copper Tubes - Aluminum Blue Slit Fin				
Air Filter			Cleanable Cartridge Type				
Electrical	Voltage		220/240-1-50				
	Range		min 198 - max 264				
	FLA		0.16	0.16	0.31	0.31	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		11 1/8 (283)	11 1/8 (283)	12 (305)	12 1/2 (319)	12 3/4 (326)
	Width		30 1/3 (770)	30 1/3 (770)	34 (865)	39 5/8 (1007)	53 (1350)
	Depth		7 7/8 (201)	7 7/8 (201)	8 1/2 (215)	8 5/8 (221)	10 (253)
Net Weight	Lbs (kgs)		18 (8)	20 (9)	27 (12)	32 (14.5)	44 (20)

OUTDOOR UNIT							
MODEL NO.	IS - -		HG009P	HG012P	HG018P	HG024P	HH036P
			3A-RLJ028	3A-RLH035	3A-RLI053	3A-RLH070	3A-RLI105
Outdoor Fan	No of Fans		1	1	1	1	1
	Noise Level (dbA)		51	52	55	58	65
Coil Type:			Grooved Copper Tubes - Aluminum Blue Slit Fin				
Compressor	Type		DC Inverter Rotary				
	Compressor Pwr Input (W)		942	942	1440	1440	4450
	Locked Rotor Amps (LRA)		20.0	20.0	25.0	25.0	67
	Rated Amps (RLA)		4.5	4.5	7.2	7.2	21.0
Electrical	Voltage		220/240-1-50				
	Range (min-max)		198 ~ 264				
	FLA		0.24	0.30	0.28	0.50	0.54
	Cooling Pwr. Input Nom. (W)		870	1150	1600	2180	2415
	Min. Circuit Amps (MCA)		6.0	6.1	9.6	9.8	26.8
	Max Fuse Amps (MOCP)		10	10	15	15	45
Refrigerant R410 (oz./kgs.)			24.7 / 0.71	35.0 / 1.0	45.9 / 1.3	63.5 / 1.8	119.9 / 3.4
Refrigerant Connections inches (mm)	Type		Flare				
	Liquid		1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
	Suction		3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)	3/4 (19.05)
MAX Pipe Distance Ft.(m)	Height		33 (10)	33 (10)	33 (10)	33 (10)	66 (20)
	Length		49 (15)	67 (20)	82 (25)	82 (25)	98 (30)
Dimensions inches (mm)	Height		21 1/4 (540)	21 1/4 (540)	27 1/2 (700)	31 1/8 (790)	43 1/2 (1105)
	Width		30 1/2 (776)	33 5/8 (848)	38 (965)	39 3/8 (1000)	39 3/8 (1000)
	Depth		12 5/8 (320)	12 5/8 (320)	15 5/8 (396)	16 3/4 (427)	17 1/3 (440)
Net Weight	Lbs (kgs)		62 (28)	66 (30)	101 (46)	122 (56)	198 (90)