

IESK SERIES

Inverter Ducted Air Conditioners 50 Hz

Cooling Nominal: 9,000~24,000 Btuh (2.6~7.0 kW)

16 SEER - R410A Refrigerant

INDOOR UNIT						
MODEL NO.	IESK		009 J3A-YCF026	012 J3A-YCF035	018 J3A-YCF053	024 J3A-YCF070
Cooling Capacity Btuh (kw)	Nominal		9,000 (2.6)	12,000 (3.5)	18,000 (5.2)	24,000 (7.0)
	Minimum		1,370 (0.4)	1,880 (0.6)	3,410 (1.0)	4,780 (1.4)
	Maximum		11,260 (3.3)	13,600 (4.0)	20,500 (6.0)	24,800 (7.3)
Heating Capacity Btuh (kw)	Nominal		9,000 (2.6)	12,000 (3.5)	18,000 (5.2)	24,000 (7.0)
	Minimum		5,460 (1.6)	6,150 (1.8)	10,245 (3.00)	15,375 (4.50)
	Maximum		15,360 (5.5)	16,400 (4.8)	20,500 (6.00)	29,030 (8.50)
Efficiency	SEER	Btuh/w (w/w)	16.0 (4.7)			
Refrigerant Control			Capillary Tube			
Fan	Type		Cross-Flow			
	Speed		4	4	4	4
	Air Flow CFM (m ³ /hr) - Hi		350 (600)	350 (600)	540 (920)	770 (1300)
	ESP(Max.) in. W.G (Pa)		0.10 (25)			
	Noise Level (dbA) Hi/Lo		40/22	41/27	43/33	43/30
	Motor Output (Watts)		35	45	60	70
Coil Type:			Grooved Copper Tubes - Aluminum Slit Fin			
Air Filter			Cleanable Cartridge Type			
Electrical	Voltage		220V-1Ph-50Hz			
	Range		min 185- max 265			
	FLA		0.39	0.40	0.57	0.62
Controls			Wired Remote Control			
Refrigerant Connections inches (mm)			See Outdoor Unit Data			
Drain Connections inches (mm)			1 1/4 (32)			
Body Dimensions inches (mm)	Height		7 7/8 (200)	7 7/8 (200)	7 7/8 (200)	7 7/8 (200)
	Width		27 1/2 (700)	27 1/2 (700)	39 3/8 (1000)	51 1/4 (1300)
	Depth		17 3/4 (450)	17 3/4 (450)	17 3/4 (450)	17 3/4 (450)
Body Net Weight Lbs (kgs)			36.3 (16.5)	37.4 (17.0)	50.6 (23.0)	59.4 (27)
OUTDOOR UNIT						
MODEL NO.	ICHL		009 J3A-YNG026	012 J3A-YNG035	018 J0A-YNG053	024 J0A-YNG070
Compressor Type			DC Inverter Rotary			
Outdoor Fan	No of Fans		1	1	1	1
	Motor RLA		0.31	0.31	0.80	0.80
	Motor Power Input		28	28	60	60
	Noise Level (dbA)		49	51	60	60
Coil Type:			Aluminum-Fin-copper Tube			
Electrical	Voltage		220V-1Ph-50Hz		220V-1Ph-50/60Hz	
	Range (min-max)		min 185- max 265			
	Cooling Pwr. Input Nom. (W)		790	980	1510	2425
	Min. Circuit Amps (MCA)		5.66	6.33	11.41	12.52
	Max Fuse Amps (MOCP)		10	10	15	15
Refrigerant R410A (Oz./kgs.)			22.9 / 0.65	24.7 / 0.75	63.5 / 1.80	63.5 / 1.80
Refrigerant Connections inches (mm)	Type		Flare			
	Liquid		1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	3/8 (9.52)
Max Pipe Distance Ft.(m)	Suction		3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
	Height		33 (10)	33 (10)	33 (15)	33 (15)
Dimensions inches (mm)	Length		66 (20)	66 (20)	66 (20)	98 (30)
	Height		21 1/4 (540)	21 1/4 (540)	27 1/2 (700)	27 1/2 (700)
	Width		32 5/8 (830)	32 5/8 (830)	37 3/4 (960)	37 3/4 (960)
Net Weight	Depth		12 3/4 (325)	12 3/4 (325)	15 5/8 (396)	15 5/8 (396)
	Lbs (kgs)		61 (28)	64 (29)	101 (46)	101 (46)