

TEFC Series

INVERTER FLOOR CEILING Air Conditioner 50Hz

Cooling Nominal: 18,000 - 60,000 Btuh (5.3 - 17.5 kW)
Up To 19 SEER - R410A Refrigerant

INDOOR UNIT							
MODEL NO.	TEFC	018P 0A-RWI053	024P 0A-RWI070	036P 0A-RWJ105	048P 0A-RWI140	060P 0A-RWG175	
Cooling Capacity Btuh (kw)	Nominal	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)	48,000 (14.0)	60,000 (17.5)	
	Minimum	5,459 (1.60)	8,188 (2.4)	10,920 (3.20)	20,472 (6.0)	21,666 (6.35)	
	Maximum	19,789 (5.80)	27,978 (2.4)	39,250 (11.5)	50,498 (14.8)	56,298 (16.5)	
Heating Capacity Btuh (kw)	Nominal	19,000 (5.60)	26,000 (7.6)	40,000 (11.7)	52,000 (15.2)	60,000 (17.6)	
	Minimum	4,776 (1.40)	8,188 (2.40)	9,890 (2.9)	17,742 (5.2)	19,782 (5.8)	
	Maximum	22,178 (6.50)	32,414 (9.50)	48,490 (14.5)	61,416 (18.0)	68,478 (20.0)	
Efficiency	SEER	Btuh/w (w/w)	18 (5.3)	18 (5.3)	19 (5.6)	18 (5.3)	18 (5.3)
Refrigerant Control		Electronic Expansion Valve @ Outdoor Unit					
Fan	Type	Centrifugal Fan					
	Speed	3	3	3	3	3	
	Air Flow CFM (m³/hr) - Hi	588 (1000)	706 (1200)	1118 (1900)	1354 (2300)	1471 (2500)	
	Noise Level (dbA) Hi/Lo	42 / 32	48 / 40	53 / 46	55 / 46	56 / 46	
	Motor (Watts)	40	65	140	190	200	
Coil Type:	Grooved Copper Tubes - Aluminum Hydrophilic Fin						
Air Filter	Cleanable Cartridge Type						
Electrical	Voltage-Phase-Frequency	220/240-1-N/A(3D)					
	Range	min 198 - max 264					
	FLA	0.18	0.29	0.64	0.86	0.90	
Controls	LCD Wireless Remote Control						
Refrigerant Connections inches (mm)	See Outdoor Unit Data						
Drain Connections inches (mm)	3/4 (20)						
Dimensions inches (mm)	Height	8 7/8 (225)	8 7/8 (225)	9 5/8 (245)	9 5/8 (245)	9 5/8 (245)	
	Width	48 (1220)	48 (1220)	55 7/8 (1420)	66 7/8 (1700)	66 7/8 (1700)	
	Depth	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	27 1/2 (700)	
Net Weight Lbs (kgs)	85.8 (39)		88.0 (40)	105.6 (48)	129.8 (59)	129.8 (59)	

OUTDOOR UNIT							
MODEL NO.	TCHE	018P 7A-RLI053	024P 7A-RLI070	036P 7A-RLJ105	048P 7A-RLI140	060P 7A-RLG175	
Compressor Type		DC Inverter Rotary					
Outdoor Fan	No of Fans	1	1	1	2	2	
	Noise Level (dbA)	56	57	63	59	63	
Coil Type:	Grooved Copper Tubes - Aluminum Blue Slit Fin						
Electrical	Voltage-Phase-Frequency	220/240-1-N/A(3D)					
	Range (min-max)	198 - 264					
	Running Amps (RLA)	7.2	11.5	19.0	21.0	21.0	
	Cooling Pwr. Input Nom. (W)	1440	2550	4150	4580	4580	
	Min. Circuit Amps (MCA)	9.4	15.0	24.8	27.6	27.6	
	Max Fuse Amps (MOCP)	15	25	40	45	45	
Refrigerant R410 (oz./kgs.)	45 / 1.4		70 / 2.2	124 / 3.5	141 / 4.0	194 / 5.5	
Refrigerant Connections inches (mm)	Type	Flare					
	Liquid	1/4 (7)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	
	Suction	1/2 (12)	5/8 (16)	5/8 (16)	5/8 (16)	3/4 (19)	
MAX Pipe Distance Ft.(m)	Height	49 (15)	49 (15)	49 (15)	98 (30)	98 (30)	
	Length	66 (20)	98 (30)	98 (30)	164 (50)	164 (50)	
Dimensions inches (mm)	Height	27 5/8 (700)	31 1/8 (790)	43 3/8 (1100)	53 1/8 (1349)	53 3/4 (1365)	
	Width	37 1/2 (955)	38 5/8 (980)	43 3/8 (1107)	37 3/4 (958)	42 3/4 (1085)	
	Depth	15 3/8 (396)	16 3/4 (427)	17 3/8 (440)	16 1/4 (412)	16 3/4 (427)	
Net Weight	Lbs (kgs)	103.4 (47)	147.4 (67)	202.4 (92)	232 (105)	265 (121)	