

R410A

HIGH EFFICIENCY DUCTED SPLIT AIR CONDITIONER

QCC & ESMA COMPLIANT



Midea[®]



SPECIFICATION

Model Name		Indoor		MTIT-18CWN1	MTIT-24CWN1	MTIT-30CWN2	MTIT4-36CWN1	
		Outdoor		MOTCA30U-18CN1	MOTD30U-24CN1	MOTD30U-30CN2	MOT4DU-36CN1	
Mode				Cooling Only	Cooling Only	Cooling Only	Cooling Only	
T1	Capacity		Cooling	W	5275	7033	9671	10550
				Btu/h	18000	24000	33000	36000
	Nominal efficiency		EER	W/W	3.52	3.52	3.52	3.52
				Btu/h.W	12.01	12.01	12.01	12.01
	Power	Power Input	Cooling	W	1500	2000	2750	3000
		Current Input	Cooling	A	6.7	8.9	13.2	13.7
Maximum Overcurrent Protection			A	/	/	32.0	36.0	
T3	Capacity		Cooling	W	4729	6203	8469	9258
				Btu/h	16135	21165	28896	31588
	Nominal efficiency		EER	W/W	2.58	2.59	2.57	2.50
				Btu/h.W	8.80	8.84	8.77	8.53
	Power	Power Input	Cooling	W	1830	2400	3300	3700
		Current Input	Cooling	A	8.1	10.7	15.6	16.8
Maximum Overcurrent Protection			A	/	/	32.0	36.0	
Indoor unit								
Power Supply			V-Hz-ph	220-240-1-50	220~240-1-50	220-240-1-50	220-240-1-50	
Dimension	Net	Body(WxDxH)	mm	880*600*210	1100*772*248	1360*772*248	1200*800*300	
			Inch	34.6*23.6*8.3	43.3*30.4*9.8	53.5*30.4*9.8	47.2*31.5*11.8	
	Shipping	Body(WxDxH)	mm	1070*725*270	1305*805*305	1570*805*305	1405*915*355	
			Inch	42.1*28.5*10.6	51.4*31.7*12.0	61.8*31.7*12.0	55.3*36.0*14.0	
Weight	Net	Body	kg	24.5	31.0	40.0	43.0	
	Gross	Body	kg	30.5	38.0	48.0	51.0	
Drain	Drain Pipe(Ø, OD)		Ø, mm(Inch)	ODØ25	ODØ25	ODØ25	ODØ25	
Fan	Motor Model		-	ZKFN-160-8-1-2	ZKFN-160-8-1-2	ZKFN-300-8-1	ZKFN-300-8-1	
	Motor Type		-	DC	DC	DC	DC	
	Motor Qty		-	1	1	1	1	
	Motor Output		W	160	160	300	300	
	Air Flow Rate(H/M/L)			CMH	1030/860/750	1370/1184/950	1827/1557/1278	1960/1735/1490
				CFM	606/506/441	806/696/559	1074/916/752	1153/1021/876
Static Pressure (Min / Std / Max)		Pa	0/25/80	0/25/80	0/37/120	0/37/120		
Sound pressure level (High/Nom./Low)			dBA					
Additional Accessories	Drain pump	Drain pump	-	optional	optional	optional	optional	
		Max. Lifting	Inch(mm)	750	750	750	750	
Stuffing	Loading Quantity (20'/40'/40'HQ)		Unit	120/264/297	77/161/184	49/105/120	60/126/147	
Outdoor unit								
Power Supply			V-Hz-ph	220-240-1-50	220~240-1-50	220-240-1-50	220-240-1-50	
Compressor	Type	-		Rotary	Rotary	Rotary	Scroll	
	Model	-		PA185G2CS-4KTM1	PA250G2CS-7KTM	ATH325MV-C9EU	ZP39KSE-PFZ-522	
	Brand	-		GMCC	GMCC	GMCC	Copeland	
	Capacity	Btu/h		15849	21501	28157	31390	
	Motor Input	W		1560	2115	2735	3140	
	Oil Type	-		RB75EA	RB75EA	RB75EA	POE	
	Oil Charge	cc		700	850	1100	1242	
Refrigerant	Type	-		R410A	R410A	R410A	R410A	
	Throttle Control Method		-	throttle valve	throttle valve	throttle valve	throttle valve	
	Factory Charging		kg	1.80	2.10	3.20	3.50	
Dimension	Net (WxHxD)	mm		845*363*702	946*410*810	946*410*810	900*350*1170	
		Inch		33.3*14.3*27.6	37.2*16.1*31.9	37.2*16.1*31.9	35.4*13.8*46.1	
	Shipping (WxHxD)	mm		965*395*755	1075*485*850	1075*485*850	1032*443*1307	
		Inch		38.0*15.6*29.7	42.3*19.1*33.5	42.3*19.1*33.5	40.6*17.4*51.5	
Weight	Net	kg		37.0	60.5	69.0	95.0	
	Gross	kg		39.0	66.0	74.0	107.0	
Fan	Fan Type		-	AC	AC	DC	DC	
	Motor Model		-	YKT-75-6-200L	YKT-60-6-40	ZKFP-120-8-4	ZKFP-98-8-1	
	Motor Qty		-	1	1	1	2	
	Motor Output		W	75	60	120	98	
	Air Flow Rate			CMH	2500	3950	3950	5970
				CFM	1471	2324	2324	3512
Sound pressure level			dB(A)					
Piping Connections	Liquid Pipe (Dis.)		Ø, mm(Inch)	Φ6.35(1/4")	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	
	Gas Pipe (Suc.)		Ø, mm(Inch)	Φ12.7(1/2")	Φ15.9(5/8")	Φ19(3/4")	Φ19(3/4")	
	Installation	Length(Rated)		m(Inch)	5	5	5	
		Length(Max.)		m(Inch)	25	25	25	
		Height (Max.)		m(Inch)	15	15	15	
Operating Temp. Rang	Cooling Ambient (Min.-Max.)		°C (°F)	18-54	18-54	18-54	18-54	
	Heating Ambient (Min.-Max.)		°C (°F)	/	/	/	/	
Stuffing	Loading Quantity (20'/40'/40'HQ)		Unit	102/216/216	44/96/144	44/96/144	27/57/108	

SPECIFICATION

Model Name		Indoor		MTIT4-36CWN1-R	MHGT4-42CWN1	MHGT4-48CWN1	MHGT4-55CWN1		
		Outdoor		MOT4DU-36CN1-R	MOT4DU-42CN1	MOT4E30U-48CN1	MOT4E30U-55CN1		
Mode				Cooling Only	Cooling Only	Cooling Only	Cooling Only		
T1	Capacity	Cooling	W	10550	12309	14067	16120		
			Btu/h	36000	42000	48000	55000		
			W/W	3.52	3.52	3.50	3.49		
	Nominal efficiency	EER	Btu/h.W	12.01	12.01	11.94	11.91		
			Power Input	W	3000	3500	4020	4620	
			Current Input	Cooling	A	5.0	5.6	7.8	8.0
Power	Maximum Overcurrent Protection		A	18.0	18.0	18.0	18.0		
		W	9258	11084	12565	15250			
		Btu/h	31588	37819	42872	52033			
T3	Capacity	Cooling	W	2500	2500	2500	2500		
			Btu/h	8500	8500	8500	8500		
			W/W	2.50	2.58	2.58	2.57		
	Nominal efficiency	EER	Btu/h.W	8.53	8.80	8.80	8.77		
			Power Input	Cooling	W	3700	4300	4870	5940
			Current Input	Cooling	A	6.1	6.9	8.9	9.7
Power	Maximum Overcurrent Protection		A	18.0	18.0	18.0	18.0		
		W	9258	11084	12565	15250			
		Btu/h	31588	37819	42872	52033			
Indoor unit									
Power Supply			V-Hz-ph	380-415-3-50	380-415-3-50	380-415-3-50	380-415-3-50		
Dimension	Net	Body(WxDxH)	mm	1200*800*300	1200*625*380	1200*625*380	1200*625*380		
			Inch	47.2*31.5*11.8	47.2*24.6*15.0	47.2*24.6*15.0	47.2*24.6*15.0		
	Shipping	Body(WxDxH)	mm	1405*915*355	1485*675*450	1485*675*450	1485*675*450		
			Inch	55.3*36.0*14.0	58.5*26.6*17.7	58.5*26.6*17.7	58.5*26.6*17.7		
Weight	Net	Body	kg	43.0	52.5	56	56		
	Gross	Body	kg	51.0	60.5	64.0	64.0		
Drain	Drain Pipe(Ø, OD)		Ø, mm(Inch)	ODØ25	ODØ25	ODØ25	ODØ25		
Fan	Motor Model		-	ZKFN-300-8-1	ZKFN-560-8-1-1	ZKFN-560-8-1-1	ZKFN-560-8-1-1		
	Motor Type		-	DC	DC	DC	DC		
	Motor Qty		-	1	1	1	1		
	Motor Output		W	300	560	560	560		
	Air Flow Rate(H/M/L)		CMH	1960/1735/1490	2550/2170/1796	2850/2435/2020	3200/2715/2270		
			CFM	1153/1021/876	1500/1276/1056	1676/1432/1188	1882/1597/1335		
Static Pressure (Min / Std / Max)		Pa	0/37/120	0/50/160	0/50/160	0/50/160			
Sound pressure level (High/Nom./Low)			dBA						
Additional Accessories	Drain pump	Drain pump	-	optional	optional	optional	optional		
		Max. Lifting	Inch(mm)	750	750	750	750		
Stuffing	Loading Quantity (20'/40'/40'HQ)		Unit	60/126/147	59/124/125	59/124/125	59/124/125		
Outdoor unit									
Power Supply			V-Hz-ph	380-415-3-50	380-415-3-50	380-415-3-50	380-415-3-50		
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll	Scroll		
	Model	-	ZP39KSE-TFM-522	ZP42KSE-TFM-522	ZP51KUE-TFP-54E	ZP61KCE-TFD-52E			
	Brand	-	Copeland	Copeland	Copeland	Copeland			
	Capacity	Btu/h	31600	34291	42700	50000			
	Motor Input	W	3150	3310	3954	4750			
	Oil Type	-	POE	POE	POE	POE			
	Oil Charge	cc	1242	1240	1242	1656			
Refrigerant	Type	-	R410A	R410A	R410A	R410A			
	Throttle Control Method	-	throttle valve	throttle valve	throttle valve	throttle valve			
Factory Charging	kg	3.50	3.85	4.10	4.40				
Dimension	Net (WxHxD)	mm	900*350*1170	900*350*1170	952*415*1333	952*415*1333			
		Inch	35.4*13.8*46.1	35.4*13.8*46.1	37.5*16.3*52.5	37.5*16.3*52.5			
	Shipping (WxHxD)	mm	1032*443*1307	1032*443*1307	1095*500*1470	1095*500*1470			
		Inch	40.6*17.4*51.5	40.6*17.4*51.5	43.1*19.7*57.9	43.1*19.7*57.9			
Weight	Net	kg	92.0	92.5	104.0	121.0			
	Gross	kg	104.0	104.5	117.0	129.0			
Fan	Fan Type		-	DC	AC	AC	AC		
	Motor Model		-	ZKFP-98-8-1	YKT-65-6-34L	YKT-90-6-10	YKT-90-6-10		
	Motor Qty		-	2	2	2	2		
	Motor Output		W	98	65	90	90		
	Air Flow Rate		CMH	5970	5970	7600	7600		
			CFM	3512	3512	4471	4471		
Sound pressure level			dB(A)						
Piping Connections	Liquid Pipe (Dis.)		Ø, mm(Inch)	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")	Φ9.52(3/8")		
	Gas Pipe (Suc.)		Ø, mm(Inch)	Φ19(3/4")	Φ19(3/4")	Φ19(3/4")	Φ22(7/8")		
	Installation	Length(Rated)	m(Inch)	5	5	5	5		
		Length(Max.)	m(Inch)	30	50	50	50		
		Height (Max.)	m(Inch)	20	25	25	25		
Operating Temp. Range	Cooling Ambient (Min.-Max.)		°C (°F)	18-54	18-54	18-54	18-54		
	Heating Ambient (Min.-Max.)		°C (°F)	/	/	/	/		
Stuffing	Loading Quantity (20'/40'/40'HQ)		Unit	27/57/108	27/57/108	22/48/48	22/48/48		

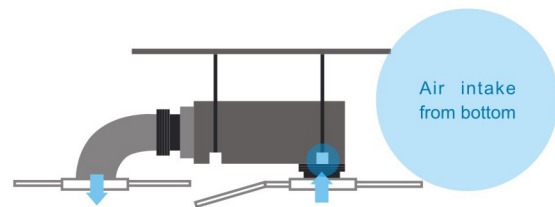
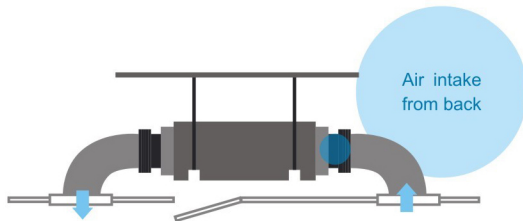


FEATURES



Flexible Air Intake Ways ▶

Air inlet from back standard and from bottom optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



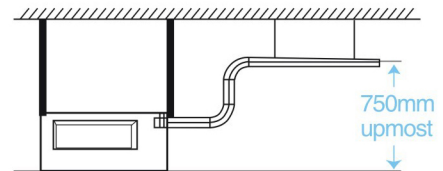
Wired Controller ▶

Compared with infrared remote controller, wired controller can be fixed on the wall and avoid mislaying.



Built-in Drain Pump (optional) ▶

The drain pump can lift the condensing water up to 750mm.



Fresh Air ▶

Fresh air hole as standard, it's easy to connect with air from outside and brings fresh and comfortable feeling.

