



TCL MEPS2010 R410A Fixed Speed Ducted

High external static pressure

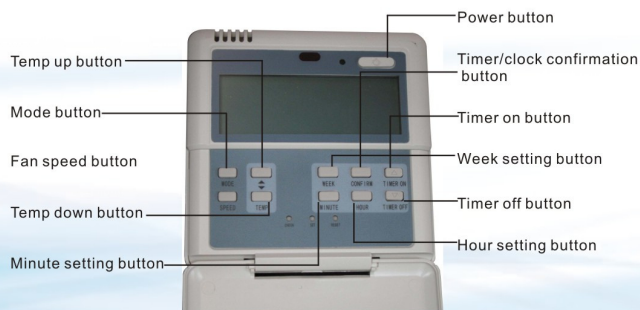
High Energy Saving Efficiency

By adopting high efficient scroll compressor, the system can be a higher system energy efficient ratio and a better capacity.



Multi-Days Timer (optional)

Blueway ducted systems adopt 7 days 24 hours timer wall controller, which has backlight LCD screen and 10 meters wiring. It's very convenient for night operation.



Noise Reduce Steps



The latest noise free wiring blower and special curved surface design



Noise vibrating insulation material



Low noise/vibration scroll compressor at advanced international brand



Reliable & extremely quiet indoor motor and wind wheel

Other Features

- MEPS2010 Compliant.
- Microprocessor controller operation and monitoring.
- Instant self-diagnostic system.
- Hotstart: in heating mode and after defrost, indoor evaporator is warmed up to a preset temp first before indoor fan running; this design ensures the air flow is always warm in winter.
- Autorestart after power failure.
- Wider environment operation: down to -10 centigrade degree in heating mode and up to 52 centigrade degree in cooling mode.
- High efficiency heat exchanger coils
- High strength galvanized steel outdoor unit.
- PID control of high precision ensures the induction accuracy of system temp less than positive and negative 0.5 centigrade degree.

R410A fixed speed High static pressure duct

Model No.			TCA-36D1HRA/U	TCA-48D1HRA/U	TCA-60D1HRA/U3
Static pressure	Range	Pa	50~180	50~180	50~180
Cooling capacity		Btu/h;W	36000;11500	48000;14000	60000;18000
Heating capacity		Btu/h;W	38000;12000	50000;15000	63000;18500
AEER for cooling		Btu/h.w; W/W	8.78;2.76	9.38;2.78	9.35;2.96
ACOP for heating		Btu/h.w; W/W	10.9;3.46	11.8;3.45	11.7;3.43
Indoor noise level at cooling(sound pressure level)	High	dB(A)	53	53	56
	Med.	dB(A)	52	52	54
	Low	dB(A)	51	51	52
Outdoor noise level(sound pressure level)		dB(A)	52	53	54
Electrical Data					
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	380V~/50Hz/3P
Voltage Range		V	198~254	198~254	342~418
Current	Cooling	A	18	22	12.1
	Heating	A	17.4	20.4	10.7
Max. Power		W	5865	6850	8760
Max. Current		A	25.5	29.8	18.3
Fan System					
Indoor air circulation(Cooling/Heating)	L/S		695/630/630	750/667/667	1028/889/805
	m3/h		2500/2270/2270	2700/2400/2400	3700/3200/2900
Connections					
Refrigerant coupling			Flare	Flare	Flare
Connecting Pipe	Liquid	Inches	1/2"	1/2"	1/2"
	Gas	Inches	3/4"	3/4"	7/8"
Max. height drop (high head)		m	10	10	10
Max. length of connecting pipe		m	25	25	30
Max. pipe length with standard charge		m	5	5	5
Refrigerant charge with long pipe		g/m	110	110	110
Drainage Pipe		mm	O.D 16	O.D 16	O.D 25
Dimensions					
Net dimensions (W x H x D)	Indoor	mm	1200*380*590	1200*380*590	1330*500*850
	Outdoor	mm	950*1255*410	940*1245*340	1000*1510*400
Net weight	Indoor	kg	55	58	88
	Outdoor	kg	112	126	132
Packing dimension (W x H x D)	Indoor	mm	1410*445*695	1410*445*695	1588*650*1030
	Outdoor	mm	1030*1380*440	1065*1400*435	1135*1645*440
Gross weight	Indoor	kg	60	63	118
	Outdoor	kg	122	132	145