

**TCL****Specification of R410A European New Efficiency DC Inverter Split**

<b>Model</b>	<b>iQool9</b>		<b>iQool12</b>		<b>iQool18</b>		<b>iQool24</b>		
Rated voltage and frequency (Ph-V-Hz)	1Ph/220-240V~/50Hz		1Ph/220-240V~/50Hz		1Ph/220-240V~/50Hz		1Ph/220-240V~/50Hz		
Mode	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Rated capacity (W)	2600(1000~3100)	2600(1000~3800)	3500(1050~3700)	3500(1050~4500)	5100(1800-5700)	5100(1800-6500)	6400(1500~7500)	6600(1500~8000)	
Cooling power input (W)	800	700	1080	940	1660	1630	2150	1850	
	(290~1100)	(290~1400)	(290~1330)	(290~1700)	(500-2100)	(500-2350)	(350~2800)	(300~3200)	
Heating current input (A)	3.6(1.3~5.0)	3.2(1.3~6.4)	4.9(1.3~6.1)	4.3(1.3~7.8)	7.6(2.3~9.6)	7.5(2.3~10.8)	9.8(1.7~13.5)	8.5(1.5~15.5)	
SEER/SCOP(W/W)	6.6/A++	4.0/A+	6.6/A++	4.0/A+	6.6/A++	4.0/A+	6.6/A++	4.2/A+	
Nominal load (kW)	2.6	2.6	3.5	3.5	5.1	5.1	6.4	6	
Balance point temperature heating (°C)	/	-7	/	-7	/	-7	/	-7	
Min. outdoor operating temperature	/	-15	/	-15	/	-15	/	-15	
Thermostat-off mode (W)	45		45		55		55		
Standby mode (W)	2		2		5		6		
Off mode (W)	0		0		0		0		
Annual consumption (kW)	138	910	186	1225	270	1785	339	2000	
Copper Pipe Type length	5m		5m		5m		5m		
Liquid side / Gas side (mm/inch)	6.35 (1/4) + 9.52 (3/8)		6.35 (1/4) + 9.52 (3/8)		6.35 (1/4) + 12.7 (1/2)		9.52 (3/8) + 15.88 (5/8)		
Max. refrigerant pipe length	15m		15m		15m		15m		
Max. elevation	5m		5m		5m		5m		
Interconnecting Cable	4x1.0mm <sup>2</sup>		4x1.0mm <sup>2</sup>		4x1.5mm <sup>2</sup>		4x1.5mm <sup>2</sup>		
Fuse Rating	3.15A on indoor PCB		3.15A on indoor PCB		3.15A on indoor PCB		3.15A on indoor PCB		
Moisture Removal (L/h)	0.8		1		1.5		1.6		
Indoor	Air Flow (m <sup>3</sup> /h)	650		650		800/850		1100/1200	
	Dimensions (L*W*H) (mm)	838x285x207		838x285x207		946x308x226		1089x315x226	
	Packaging (L*W*H) (mm)	900x360x275		900x360x275		1013x379x311		1155x395x315	
	Net / Gross weight (Kg)	10/12		10/12		11/14		14/17	
	Noise – Sound pressure level (dB/A)	28~40		28~40		30~44		42~50	
	Noise – Sound power level (dB/A)	38~50		38~50		40~54		52~60	
Outdoor	Dimension (L*W*H) (mm)	760x552x256		760x552x256		780x605x290		902x650x307	
	Packaging (L*W*H) (mm)	863x590x361		863x590x361		883x653x412		1015x720x425	
	Net / Gross Weight (Kg)	30/34		32/37		40.5/46		50/59	
	Noise – Sound pressure level (dB/A)	50		52		55		58	
	Noise – Sound power level (dB/A)	60		62		65		68	
	Refrigerant type/weight	R410A/800g		R410A/1000g		R410A/1200g		R410A/2050g	
	Defrost mode	Automatic defrosting		Automatic defrosting		Automatic defrosting		Automatic defrosting	
Applicable climate types	T1 (typical -7°C – 43°C)		T1 (typical -7°C – 43°C)		T1 (typical -7°C – 43°C)		T1 (typical -7°C – 43°C)		