

Model		MCLA09	MCLA12	MCA18	MCA24	
Power supply		Ph-V-Hz	1, 115V~, 60Hz	1, 115V~, 60Hz	1, 208/230V~, 60Hz	1, 208/230V~, 60Hz
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	800	1090	1560	2000
	Rated current	A	7.5	10	6.8	8.8
	SEER	Btu/w.h	13	13	13	13
Moisture Removal		L/h	0.9	1.35	1.55	2
Max. input consumption		W	915	1250	1890	2900
Max. current		A	9.2	12.6	9.2	14
Starting current		A	40	47	32.6	34.8 A
Compressor	Model		EA82X1C-1FZDU1	EA108X1C-1FZDU1	PA150X2CS-3KUU	PA200X2CS-3MUU
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		TOSHIBA	TOSHIBA	TOSHIBA	TOSHIBA
	Capacity	Btu/h	8138	10918	15166/15354	5810/5900W±5%
	Input	W	810	1085	1505/1510	2000/1980W±5%
	Rated current(RLA)	A	7.5	9.9	7.30/6.65	9.70/8.75A±5%
	Locked rotor Amp(LRA)	A	40	47	32.6	34.8 A
	Thermal protector		B350-135-141E	B440-135-141E	UP3RE0391-T39	UP3SE0396-T39
	Capacitor	uF	45 μ F /250VAC	45 μ F /250VAC	40 μ F /370VAC	50
	Refrigerant oil	ml	350	350	750	750
Indoor fan motor	Model		WZDK20-38D	WZDK25-38D	YDK31-6B	YDK50-4B
	Brand		WELLING	WELLING	WELLING	WELLING
	Input	W	25	32	55	82/69/58
	Capacitor	uF	—	—	3	3
	Speed(hi/mi/lo)	r/min	1250/1000/800	1270/1100/1000	1070/1000/960	1260/1100/990
Indoor coil	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21×13.37	21×13.37	21×13.37	21×13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7, Innergroove tube	Φ7, Innergroove tube	Φ7, Innergroove tube	Φ7, Innergroove tube
	f.Coil length x height x width	mm	635x315x27.34	660x231x27.34	965x210x26.74	965x210x26.74
	g.Number of circuits		2	3	6	6
Indoor air flow (Hi/Mi/Lo)		m3/h	680/550/420	750/620/550	1050/920/830	1150/1020/930
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/35/28	45/41/38	45/43/41	47/44/42
Indoor unit	Dimension (W*H*D)	mm	815x280x195	906x286x235	1250x325x230	1250x325x230
	Packing (W*H*D)	mm	915x275x360	1020x328x381	1345x430x335	1345x430x335
	Net/Gross weight	Kg	8/11	11.5/15	18/25	18/25
Outdoor fan motor	Model		YDK23-6A	YDK23-6A	YDK53-6KB	YDK100-6EB
	Brand		BROAD OCEAN	BROAD OCEAN	WELLING	WELLING
	Input	W	75	75	165	160
	Capacitor	uF	6.5uF/260V	6.5uF/260V	3uF/450V	4
	Speed	r/min	900	900	840	740
Outdoor coil	a.Number of rows		2	2	4	4
	b.Tube pitch(a)x row pitch(b)	mm	21×13.37	25.4x22	25.4x22	25.4x22
	c.Fin spacing	mm	1.5	1.5	1.4	1.7
	d.Fin type (code)		unhydrophilic aluminium	unhydrophilic aluminium	unhydrophilic aluminium	unhydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7, Innergroove tube	Φ9.52, Innergroove tube	Φ9.52, Innergroove tube	Φ9.52, Innergroove tube
	f.Coil length x height x width	mm	750x508x26.74	654X560X44	776x660x44	770x813x44
	g.Number of circuits		4	4	4	4
Outdoor air flow		m3/h	1800	1850	2500	2500
Outdoor noise level		dB(A)	53	55	58	59
Outdoor unit	Dimension(W*D*H)	mm	780x250x540	760x285x590	845x335x695	895x330x860
	Packing (W*D*H)	mm	910x335x575	887x355x655	965x395x755	1043*395*915
	Net/Gross weight	Kg	32/35	36/39	53/57	68/72.5
Refrigerant type		R410A				
Design pressure		MPa	4.5	4.5	4.5	4.5
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ9.53	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.53/Φ16
	Max. refrigerant pipe length	m	10	10	15	20
	Max. difference in level	m	5	5	8	10
Thermostat type			Electronic control	Electronic control	Electronic control	Electronic control
Operation temp		℃	17-30	17-30	17-30	17-30
Ambient temp		℃	18-45	18-45	18-45	18-45
Application area		m2	14-21	18-26	30-40	40-56