

## 6. Specifications

Model			MKT3-200	MKT3-300	MKT3-400	MKT3-500
Air volume	High speed	m <sup>3</sup> /h	340	510	680	850
		CFM	200	300	400	500
	Mid speed	m <sup>3</sup> /h	255	382.5	510	637.5
		CFM	150	225	300	375
	Low speed	m <sup>3</sup> /h	170	255	340	425
		CFM	100	150	200	250
Cooling capacity		kW	2.1	3.3	4.2	4.8
Heating capacity		kW	3.5	5.3	6.8	7.9
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power input	12Pa	W	34	39	60	75
Sound level	12Pa Hi/Mi/Lo	dB(A)	36	38	40	42
Water flow		m <sup>3</sup> /h	0.36	0.56	0.72	0.83
Water pressure drop		kPa	9.8	11	20	12.7
Fan	Type		Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Quantity	Pieces	1	2	2	2
	Material		Metal	Metal	Metal	Metal
	Diameter	mm	150	150	150	150
	Height	mm	200	150	200	200
Motor	Model		YDK9-6M-1	YSK15-4M-1	YSK25-4M-1	YSK30-4M-1
	Quantity	Pieces	1	1	1	1
	Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Capacitor	uF	1uF/450V	1uF/450V	1.8UF/450V	2.5UF/450V
	Insulation class		B	B	B	B
	Safe class		IPX0	IPX0	IPX0	IPX0
Coil	Number of rows		3	3	3	3
	Tube pitch(a)x row pitch(b)	mm	25.4×22	25.4×22	25.4×22	25.4×22
	Fin spacing	mm	1.8	1.8	1.8	1.8
	Fin type (code)		Unhydrophilic aluminium			
	Tube outside dia.	mm	Φ9.5	Φ9.5	Φ9.5	Φ9.5
	Tube type		light pipe	light pipe	light pipe	light pipe
	Coil length x height	mm	485X216	585X216	685X216	685X216
	Number of circuits		3	3	3	3
	Working pressure	MPa	1	1	1	1
	Test pressure	MPa	1.6	1.6	1.6	1.6
Connection pipe	Water inlet	Inch	RC3/4"	RC3/4"	RC3/4"	RC3/4"
	Water outlet	Inch	RC3/4"	RC3/4"	RC3/4"	RC3/4"
	Drainage	Inch	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
Body dimension	Net dimension	mm	770×534×242	827×534×242	927×534×242	927×534×242
	Packing dimension (W×H×D)	mm	806X558X265	871X558X265	971X558X265	971X558X265
Body weight	Net weight	kg	18	19	25	25
	Packing weight	kg	22	23	28	28
Connection wiring	Power wiring	mm <sup>2</sup> ×No.	1.5X3	1.5X3	1.5X3	1.5X3
	Signal wiring	mm <sup>2</sup> ×No.	0.75X2	0.75X2	0.75X2	0.75X2
Control			Wired controller			

### Remark:

- All performance data above is based upon 12Pa external static pressure of standard products.
- Cooling capacity test condition: air inlet Temp. : 27DB°C/19WB°C, water inlet temp. 7°C, water temp. difference 5°C.
- Heating capacity test condition: air inlet Temp. : 21DB°C, water inlet Temp. 60°C, the volume of air and water is same as cooling.
- Noise level is tested in semi-anechoic room.

در صورت داشتن هرگونه سوال در مورد اطلاعات فنی و قیمت با شماره های شرکت همگام تجارت هواسنج تم اس حاصل فرمایید :

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Model			MKT3-600	MKT3-800	MKT3-1000	MKT3-1200
Air volume	High speed	m <sup>3</sup> /h	1020	1360	1700	2040
		CFM	600	800	1000	1200
	Mid speed	m <sup>3</sup> /h	765	1020	1275	1530
		CFM	450	600	750	900
	Low speed	m <sup>3</sup> /h	510	680	850	1020
		CFM	300	400	500	600
Cooling capacity		kW	5.8	7.9	9.1	11.5
Heating capacity		kW	10	13.6	16	20.3
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power input	12Pa	W	95	134	152	189
Sound level	12Pa Hi/Mi/Lo	dB(A)	44	45	46	47
Water flow		m <sup>3</sup> /h	0.89	1.36	1.56	1.98
Water pressure drop		kPa	17.5	14.4	20.5	35
Fan	Type		Centrifugal fan	Centrifugal fan	Centrifugal fan	Centrifugal fan
	Quantity	Pieces	2	4	4	4
	Material		Metal	Metal	Metal	Metal
	Diameter	mm	150	150	150	150
	Height	mm	200	150	150	200
Motor	Model		YSK40-4M-1	YSK22-4M-1	YSK38-4M-1	YSK45-4M-1
	Quantity	Pieces	1	2	2	2
	Power supply	V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
	Capacitor	uF	2.5UF/450V	2.5UF/450V	3UF/500V	3UF/500V
	Insulation class		B	B	B	B
	Safe class		IPX0	IPX0	IPX0	IPX0
Coil	Number of rows		3	3	3	3
	Row width	mm	25.4×22	25.4×22	25.4×22	25.4×22
	Fin spacing	mm	1.8	1.8	1.8	1.8
	Fin type (code)		Unhydrophilic aluminium			
	Tube outside dia.	mm	Φ9.5	Φ9.5	Φ9.5	Φ9.5
	Tube type		light pipe	light pipe	light pipe	light pipe
	Coil length x height	mm	905X216	1205X216	1310X216	1600X216
	Number of circuits		3	4	4	5
	Working pressure	MPa	1	1	1	1
Test pressure	MPa	1.6	1.6	1.6	1.6	
Connection pipe	Water inlet	Inch	RC3/4"	RC3/4"	RC3/4"	RC3/4"
	Water outlet	Inch	RC3/4"	RC3/4"	RC3/4"	RC3/4"
	Drainage	Inch	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
Body dimension	Net dimension	mm	1140×534×242	1440×534×242	1546×534×242	1835×534×242
	Packing dimension (W×H×D)	mm	1185X558X265	1485X558X265	1590X558X265	1880X558X265
Body weight	Net weight	kg	28	34	37	44
	Packing weight	kg	31	37	41	48
Connection wiring	Power wiring	mm <sup>2</sup> ×No.	1.5X3	1.5X3	1.5X3	1.5X3
	Signal wiring	mm <sup>2</sup> ×No.	0.75X2	0.75X2	0.75X2	0.75X2
Control			Wired controller			

**Remark:**

1. All performance data above is based upon 12Pa external static pressure of standard products.
2. Cooling capacity test condition: air inlet Temp. : 27DB°C/19WB°C, water inlet temp. 7°C, water temp. difference 5°C.
3. Heating capacity test condition: air inlet Temp. : 21DB°C, water inlet Temp. 60°C, the volume of air and water is same as cooling.
4. Noise level is tested in semi-anechoic room.

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