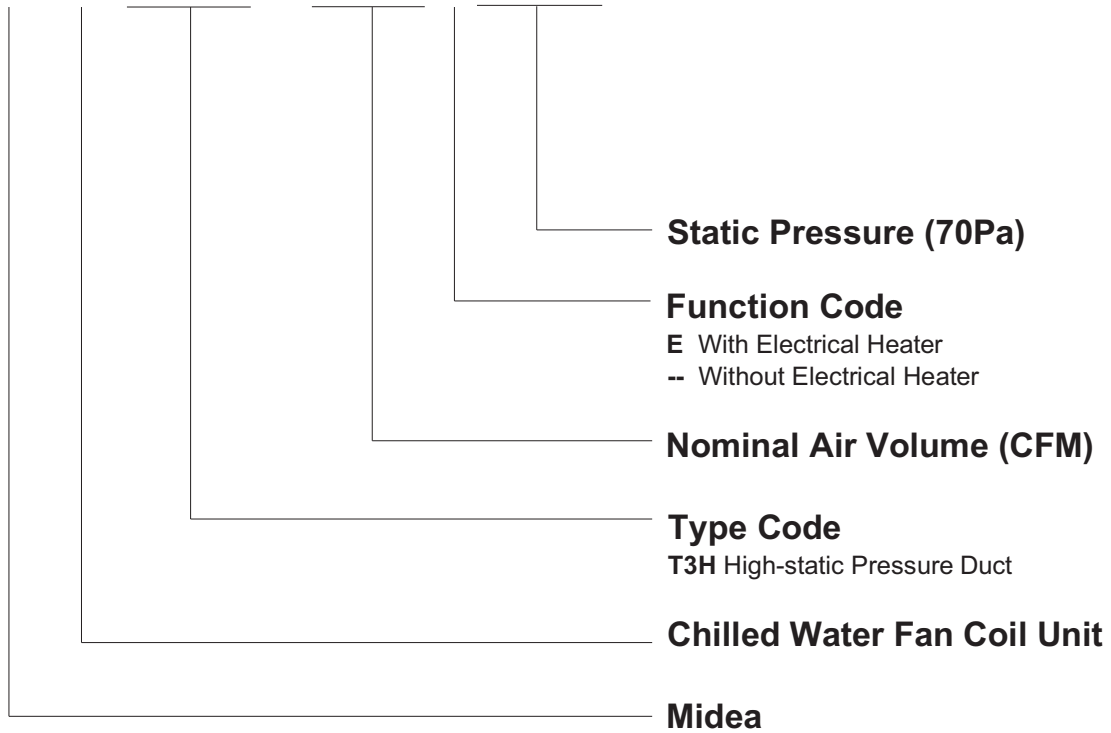



# 1. Nomenclature

# M K T3H - 800EG70



## 2. Product Schedule

No	Model	External appearance	Net dimension	Net weight	Power supply
			(W×H×D) (unit: mm)	(kg)	
1	MKT3H-800G70		946×400×816	50	220-240V/1ph/50Hz
2	MKT3H-1000G70		946×400×816	52	
3	MKT3H-1200G70		946×400×816	52	
4	MKT3H-1400G70		946×400×816	54	
5	MKT3H-1600G100		1290×400×809	76	
6	MKT3H-1800G100		1290×400×809	76	
7	MKT3H-2200G100		1290×400×809	76	
8	MKT3H-800EG70		946×400×876	53	
9	MKT3H-1000G70		946×400×876	55	
10	MKT3H-1200EG70		946×400×876	55	
11	MKT3H-1400EG70		946×400×876	57	
12	MKT3H-1600EG100		1290×400×874	82	
13	MKT3H-1800EG100		1290×400×874	82	
14	MKT3H-2200EG100		1290×400×874	82	

## 4. Specifications

Model		MKT3H-800G70 MKT3H-800EG70	MKT3H-1000G70 MKT3H-1000EG70	MKT3H-1200G70 MKT3H-1200EG70	MKT3H-1400G70 MKT3H-1400EG70	
Air Volume	High speed	m <sup>3</sup> /h	1360	1700	2040	2380
		CFM	800	1000	1200	1400
	Mid speed	m <sup>3</sup> /h	1224	1530	1877	2118
		CFM	720	902	1104	1246
	Low speed	m <sup>3</sup> /h	1088	1377	1612	1856
		CFM	640	810	948	1092
Capacity (Hi-speed)	Cooling (kW)		6.6	8.8	10	12
	Heating (kW)		9.7	13.2	15	17.9
	Water flow (m <sup>3</sup> /h)		1.11	1.51	1.71	2.05
	Hydraulic resistance (kPa)		8	24	24	36
Electrical Heater (kW)		5	5	5	5	
Standard external static pressure (Pa)		70	70	70	70	
Fan	Type	Forward curved double inlet centrifugal				
	Quantity	1	1	1	1	
	Noise dB(A)	62	61	61	60	
Motor	Type	4 speed, low noise capacitance motor				
	Quantity	1	1	1	1	
	Power source	220V~240V, 50Hz				
	Power input (W)	350	350	350	350	
Coil	Type	copper tube bounded with grided aluminum fin				
	Working pressure	1.6MPa				
Connection pipe	Water inlet	RC3/4" internal thread				
	Water outlet	RC3/4" internal thread				
	Drainage	ZG3/4" external thread				
Net Dimension (W×H×D)	MKT3H-XXX	946×400×816	946×400×816	946×400×816	946×400×816	
	MKT3H-XXXE	946×400×876	946×400×876	946×400×876	946×400×876	
Packing dimension (W×H×D)	MKT3H-XXX	1015×480×857	1015×480×857	1015×480×857	1015×480×857	
	MKT3H-XXXE	1015×480×925	1015×480×925	1015×480×925	1015×480×925	
Net weight (kg)	MKT3H-XXX	50	52	52	54	
	MKT3H-XXXE	53	55	55	57	
Gross weight (kg)	MKT3H-XXX	55	57	57	59	
	MKT3H-XXXE	58	60	60	62	

**Remark:**

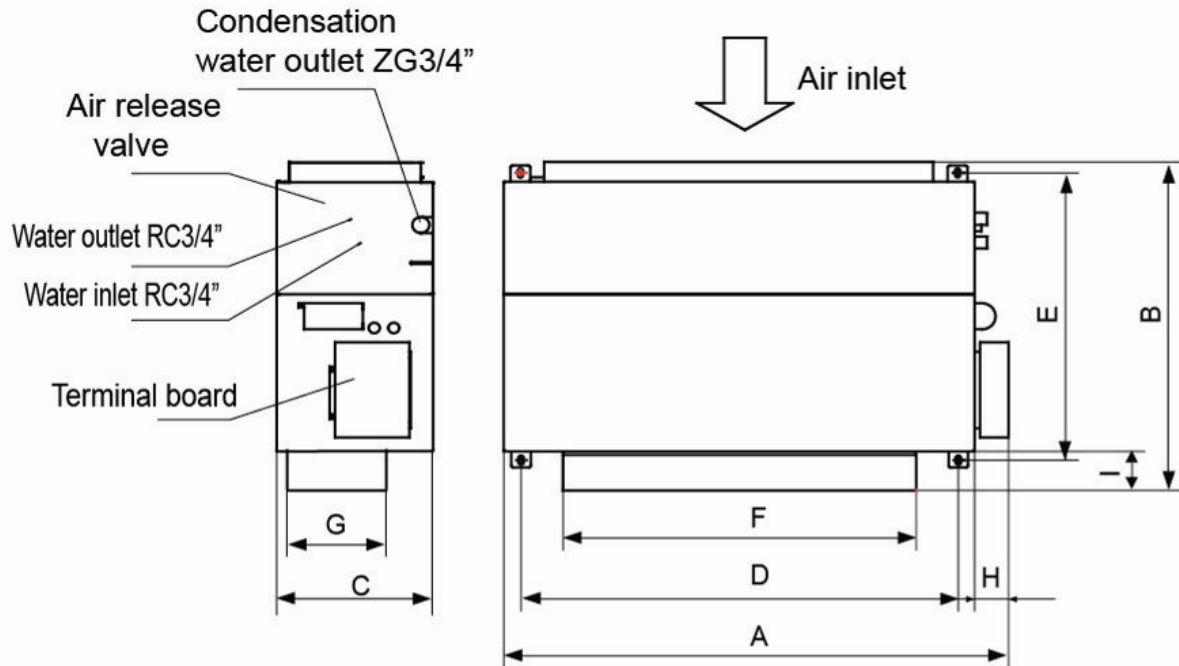
- All performance data above is based upon 70Pa external static pressure.
- Cooling capacity test condition: air inlet Temp. : 27DB°C/19WB°C, water inlet Temp. 7°C, water Temp. difference 5°C.
- Heating capacity test condition: air inlet Temp. : 21DB°C, water inlet Temp. 60°C, the volume of air and water is same as cooling.
- Noise level is tested in semi-anechoic room.
- Electrical heater is only available in MKT3H-XXXE product.

Model		MKT3H-1600G100 MKT3H-1600EG100	MKT3H-1800G100 MKT3H-1800EG100	MKT3H-2200G100 MKT3H-2200EG100	
Air Volume	High speed	m <sup>3</sup> /h	2720	3060	3740
		CFM	1600	1800	2200
	Mid speed	m <sup>3</sup> /h	2450	2754	3360
		CFM	1441	1620	1980
	Low speed	m <sup>3</sup> /h	2170	2448	2990
		CFM	1226	1440	1760
Capacity (Hi-speed)	Cooling (kW)		14.1	15.8	19.9
	Heating (kW)		21.2	23.8	30
	Water flow (m <sup>3</sup> /h)		2.42	2.72	3.43
	Hydraulic resistance (kPa)		52	90	130
Electrical Heater (kW)		10	10	10	
Standard external static pressure (Pa)		100	100	100	
Fan	Type		Forward curved double inlet centrifugal		
	Quantity		2	2	2
	Noise dB(A) Hi-Speed		62	63	66
Motor	Type		4 speed, low noise capacitance motor		
	Quantity		1	1	1
	Power source		220V~240V, 50Hz		
	Power input (W)		550	800	950
Coil	Type		copper tube bounded with grilled aluminum fin		
	Working pressure		1.6MPa		
Connection pipe	Water inlet		RC3/4" internal thread		
	Water outlet		RC3/4" internal thread		
	Drainage		ZG3/4" external thread		
Net Dimension (W×H×D)	MKT3H-XXX		1290×400×809	1290×400×809	1290×400×809
	MKT3H-XXXE		1290×400×874	1290×400×874	1290×400×874
Packing dimension (W×H×D)	MKT3H-XXX		1368×460×877	1368×460×877	1368×460×877
	MKT3H-XXXE		1368×460×950	1368×460×950	1368×460×950
Net weight (kg)	MKT3H-XXX		76	76	76
	MKT3H-XXXE		82	82	82
Gross weight (kg)	MKT3H-XXX		83	83	83
	MKT3H-XXXE		89	89	89

**Remark:**

- All performance data above is based upon 100Pa external static pressure.
- 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.
- Electrical heater is only available in MKT3H-XXXE product.

### 5. Dimension



Model	MKT3H-800G70 MKT3H-1000G70 MKT3H-1200G70 MKT3H-1400G70	MKT3H-800EG70 MKT3H-1000EG70 MKT3H-1200EG70 MKT3H-1400EG70	MKT3H-1600G70 MKT3H-1800G70 MKT3H-2200G70	MKT3H-1600EG70 MKT3H-1800EG70 MKT3H-2200EG70
Size				
A	946	946	1290	1290
B	816	876	809	874
C	400	400	400	400
D	778	778	1118	1118
E	767	767	765	765
F	306	306	900	900
G	219	219	249	249
H	88	88	88	88
I	37	97	39	104