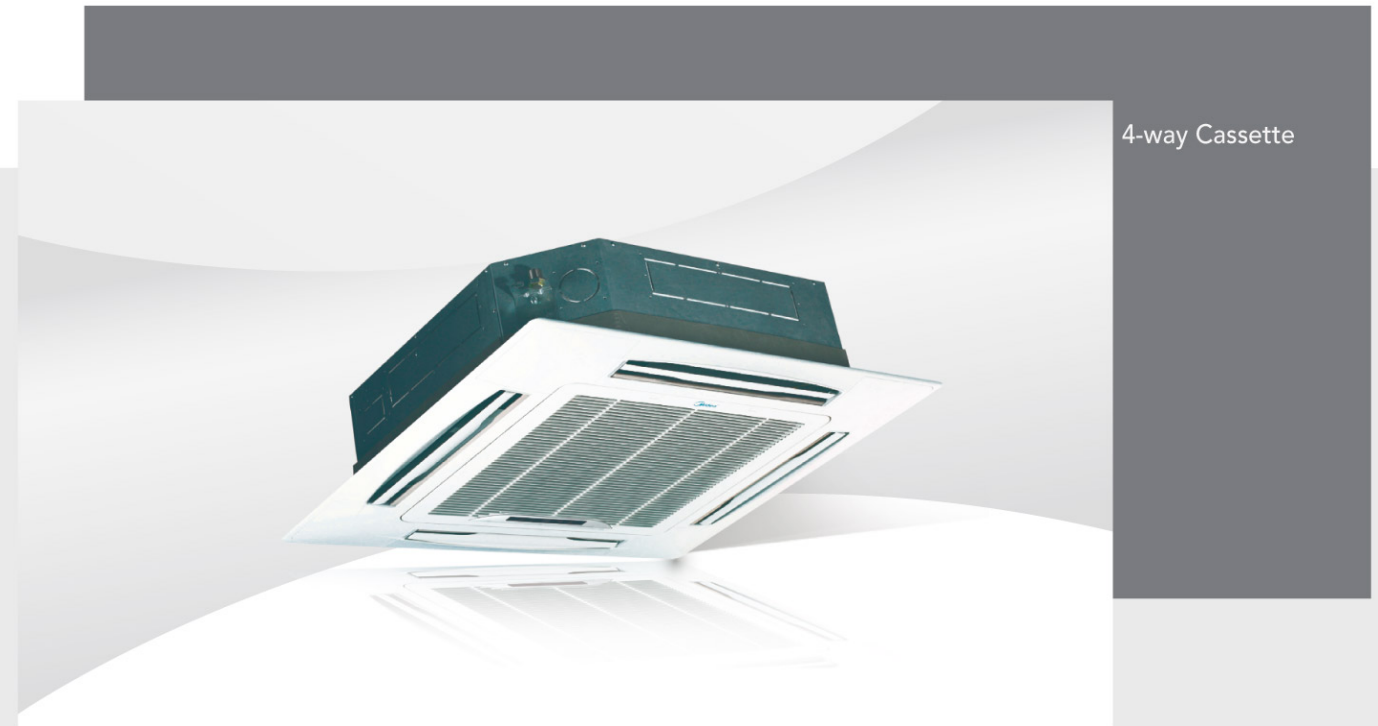
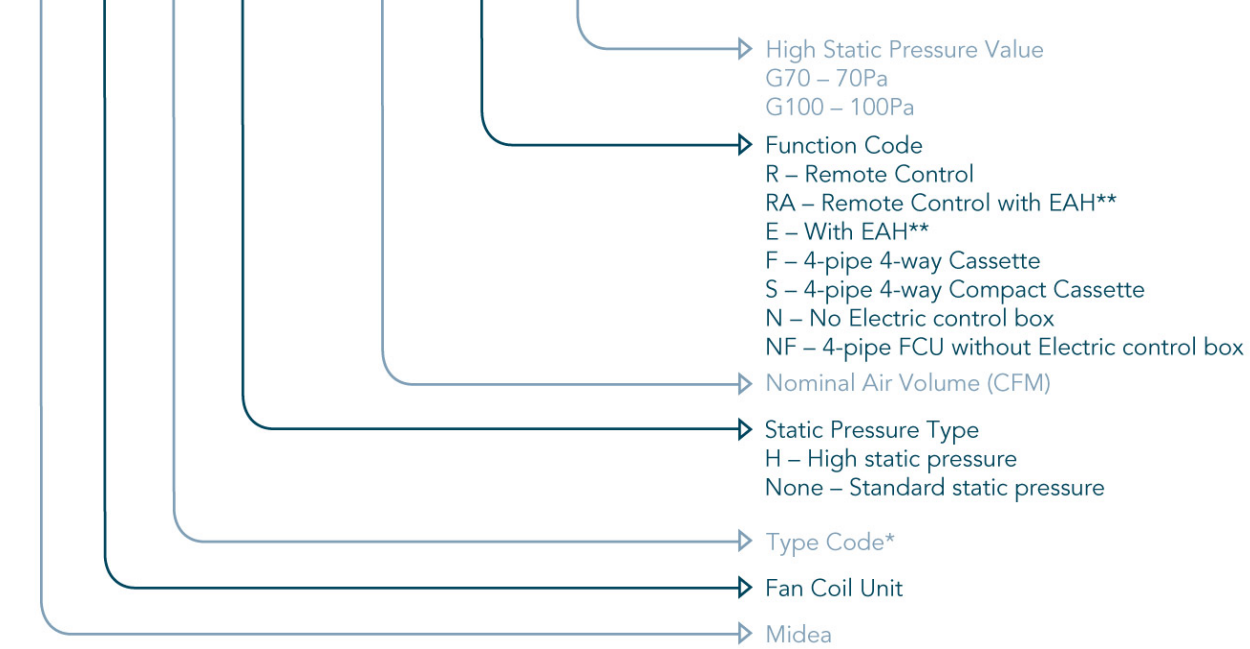


## Nomenclature

**M K T3 H - 2200 E G100**



4-way Cassette

### \* Meaning of the code.

Type Code	Meanings
A	4-way cassette
B	4-way cassette (compact)
C	1-way cassette
D	4-way cassette (compact) integrated with electrical control box
F1	Exposed floor-standing (air intake from side)
F2	Exposed floor-standing (air intake from below)
F3	Concealed floor-standing
F4	Exposed floor-standing (air intake from side) of new outlook
F5	Exposed floor-standing (air intake from below) of new outlook
G	Wall-mounted
H1	Exposed under-ceiling (air intake from side)
H2	Exposed under-ceiling (air intake from below)
H3	Concealed under-ceiling
T2	2-row duct
T3	3-row duct
T4	4-row duct
T3H***G***	High static pressure duct
T5	4-pipe duct
QT4H	District Cooling (High temp.Difference)

\*\*EAH: electrical auxiliary heater.  
 \*\*\*Left connection and right connection:  
 When facing to the air supply side of the unit, if the pipes are on the left hand side, then it is called left hand connection, if the pipes are on the right hand side, then it is called right hand connection.

## Features

- Ultra thin machine body to easy installation and maintenance: 600~750CFM: 230mm, 850~1500CFM: 300mm. Different color panels for choose: White, Gray, Blue, Black.
- Adding digital tube displaying on the display board. LED can display the Error Code to make the malfunction checking easier.
- Built-in water pump with 750mm pumping head.
- 360° air supply panel is optional.
- Electric control box is optional.
- For the unit with electric control box, R05/BGE (remote controller ) is standard, KJR-10B/DP(T)-E (wired controller) is optional.
- For the no electric control box unit, KJR-18B/E series thermostat is optional.



Current Panel



360° Panel

## Specifications

Model		MKA-600R(A)	MKA-750N MKA-750R(A)	MKA-850R(A)	MKA-950N MKA-950R(A)	MKA-1200N MKA-1200R(A)	MKA-1500N MKA-1500R(A)
Nominal airvolume	Hi speed	CFM 600 m³/h 1020	750 1275	850 1445	950 1615	1200 2040	1500 2550
	Med speed	CFM 454 m³/h 772	542 922	716 1218	809 1376	1011 1720	1264 2150
	Low Speed	CFM 352 m³/h 600	421 717	600 1020	678 1153	847 1440	1058 1800
Cooling Capacity	Hi speed	kW 5.73	7.01	7.28	8.25	10.38	12.89
	Med speed	kW 4.73	5.62	6.46	7.39	9.25	11.51
	Low Speed	kW 3.96	4.72	5.71	6.54	8.2	10.21
Heating Capacity	Hi speed	kW 7.83	9.36	11.22	12.27	14.77	17.60
	Med speed	kW 6.89	8.14	9.64	10.79	12.70	15.48
	Low Speed	kW 5.09	6.10	7.23	8.20	9.39	11.61
Water flow volume	m³/h	0.98	1.20	1.25	1.41	1.78	2.21
Water pressure drop	kPa	23.8	25.2	27	30	44	46
Electrial auxiliary heater	w	2100	2100	2700	2700	2700	2700
tRows	Qty	2	2	2	2	2	2
Tube pitch x row pitch	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
Tube diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7	Φ7
Fin spacing	mm	1.5	1.5	1.5	1.5	1.5	1.5
Coil dimension (LxH)	mm	1960x168	1960x168	1960x252	1960x252	1960x252	1960x252
Fan motor quantity	Qty	1	1	1	1	1	1
Fan motor input	W	110	110	143	143	143	143
Noise level (Hi & Med)	dB(A)	45(43)	46(43)	47(45)	48(45)	49(46)	49(47)
Inlet/Outlet pipe (internal t)	Inch	3/4	3/4	3/4	3/4	3/4	3/4
Drain pipe (external thread)	Inch	3/4	3/4	3/4	3/4	3/4	3/4
Weight	Net/gross (unit)	kg 29/36	29/36	35/42	35/42	35/42	35/42
	Net/gross(panel)	kg 6/9	6/9	6/9	6/9	6/9	6/9
Dimension (WxHxD)	Net (unit)	mm 840x230x840	840x230x840	840x300x840	840x300x840	840x300x840	840x300x840
	Net (panel)	mm 950x46x950	950x46x950	950x46x950	950x46x950	950x46x950	950x46x950
	Packing (unit)	mm 955x247x955	955x247x955	955x317x955	955x317x955	955x317x955	955x317x955
	Packing (panel)	mm 1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035

Remark:  
 1. Cooling capacity test condition: air inlet Temp. 27DB°C/19WB°C, water inlet Temp. 7°C, water Temp. difference 5°C.  
 2. Heating capacity test condition: air inlet Temp. 21DB°C, water inlet Temp. 50 DB°C, the volume of air and water is same as cooling.  
 3. Noise level is tested in full-anechoic room.  
 4. The EAH capacity only available with A type unit.



4-way Cassette  
(Copact)

Fan Coil Units

## Features

- Four-way air outlet makes equal, fast and wide-range cooling.
- 3-dimensional centrifngal fan reduces the air resistance.
- Compact design, simple installation and easy maintenance.
- Built-in water pump with 500mm pumping head.
- With the function of auto-restart.
- Electric control box is optional.
- 360° air supply panel is optional for the MKB units, standard for the MKD units.
- For the unit with electric control box, R51/BGE (remote controller) is standard, KJR-10B/DP(T)-E (wired controller) is optional.
- For the no electric control box unit, KJR-18B/E series thermostat is optional.

**NEW**



Current Panel



360° Panel

## Specifications

Model			MKD-300N MKD-300	MKD-400N MKD-400	MKD-500N MKD-500
Nominal airvolume	Hi speed	CFM	300	400	500
		m <sup>3</sup> /h	510	680	850
	Med speed	CFM	288	317	335
		m <sup>3</sup> /h	490	540	570
	Low Speed	CFM	223	258	276
		m <sup>3</sup> /h	380	440	470
Cooling Capacity	Hi speed	kW	3.00	3.70	4.50
	Med speed	kW	2.58	3.18	3.60
	Low Speed	kW	2.16	2.66	3.06
Heating Capacity	Hi speed	kW	5.90	7.48	8.79
	Med speed	kW	5.13	6.28	7.03
	Low Speed	kW	4.48	5.46	5.98
Water flow volume		m <sup>3</sup> /h	0.52	0.64	0.77
Water pressure drop		kPa	14	15	16
Electrial auxiliary heater		w	/	/	/
tRows		Qty	2	2	2
Tube pitch × row pitch		mm	21×13.37	21×13.37	21×13.37
Tube diameter		mm	Φ7	Φ7	Φ7
Fin spacing		mm	1.3	1.3	1.3
Coil dimension (L×H)		mm	1315×210	1315×210	1315×210
Fan motor quantity		Qty	1	1	1
Fan motor input		W	37.8	65	80
Noise level (Hi & Med)		dB(A)	36(33)	42(39)	45(42)
Inlet/Outlet pipe (internal t		Inch	3/4	3/4	3/4
Drain pipe (external thread)		Inch	3/4	3/4	3/4
Weight	Net/gross (unit)	kg	17.5/22.5	17.5/22.5	17.5/22.5
	Net/gross(panel)	kg	3/5	3/5	3/5
Dimension (W×H×D)	Net (unit)	mm	575×260×575	575×260×575	575×260×575
	Net (panel)	mm	647×50×647	647×50×647	647×50×647
	Packing (unit)	mm	705×340×705	705×340×705	705×340×705
	Packing (panel)	mm	715×123×715	715×123×715	715×123×715

Remark:

1. Cooling capacity test condition: air inlet Temp. 27DB°C/19WB°C, water inlet Temp. 7°C, water Temp. difference 5°C.
2. Heating capacity test condition: air inlet Temp. 21DB°C, water inlet Temp. 50 DB°C, the volume of air and water is same as cooling.
3. Noise level is tested in full-anechoic room.
4. The EAH capacity only available with A type unit.