

Technical specifications heat pump

Outdoor unit	CO	MAP0501T8	MAP0601T8	MAP0801T8	MAP1001T8	MAP1201T8
	HP	MAP0501HT8	MAP0601HT8	MAP0801HT8	MAP1001HT8	MAP1201HT8
		5 HP	6 HP	8 HP	10 HP	12 HP
Cooling capacity*	kW	14	16	22.4	28	33.5
Power input, cooling	kW	3.65	4.64	5.67	7.67	11.92
EER, cooling	W/W	3.84	3.45	3.95	3.65	2.81
Energy efficiency class, cooling		A	A	A	A	C
Running current, cooling	A	5.85	7.28	8.62	11.55	18.30
Heating capacity**	kW	16	18	25	31.5	37.5
Power input, heating	kW	3.84	4.56	5.88	7.97	10.19
COP, heating	W/W	4.17	3.95	4.25	3.95	3.68
Energy efficiency class, heating		A	A	A	A	A
Running current, heating	A	6.09	7.08	8.93	11.98	15.65
Air flow	m ³ /h - l/s	9000 - 2520	9000 - 2520	9000 - 2520	9000 - 2520	9000 - 2520
Sound pressure level	dB(A)	55	56	57	58	59
Operating range, cooling - db	°C	-5 - 43°C	-5 - 43°C	-5 - 43°C	-5 - 43°C	-5 - 43°C
Operating range, heating - wb	°C	-20 - 16°C	-20 - 16°C	-20 - 16°C	-20 - 16°C	-20 - 16°C
Dimensions (H x W x D)	mm	1800 x 990 x750	1800 x 990 x750	1800 x 990 x750	1800 x 990 x750	1800 x 990 x750
Weight	kg	228	228	228	228	228
Compressor type		Hermetic	Hermetic	Hermetic	Hermetic	Hermetic
Refrigerant charge R410A	kg	8.5	8.5	12.5	12.5	12.5
Pipework						
Suction line type - diameter	in	Flare - 5/8	Brazed - 3/4	Brazed - 7/8	Brazed - 7/8	Brazed - 1-1/8
Liquid line type - diameter	in	Flare - 3/8	Flare - 3/8	Flare - 1/2	Flare - 1/2	Flare - 1/2
Discharge line connection type - diameter	in	Flare - 3/8	Flare - 3/8	Flare - 3/8	Flare - 3/8	Flare - 3/8
Maximum equivalent length separation	m	175	175	175	175	175
Maximum actual piping separation	m	150	150	150	150	150
Maximum pipe length	m	300	300	300	300	300
Maximum lift (Indoor unit above/below)***	m	40/50	40/50	40/50	40/50	40/50
Power supply	V-ph-Hz	400-3-50	400-3-50	400-3-50	400-3-50	400-3-50

* Based on an indoor air temperature of 27°C db/19°C wb and an outdoor air temperature of 35°C db.

** Based on an indoor air temperature of 20°C db and an outdoor air temperature of 7°C db/6°C wb.

*** If the height difference between indoor units exceeds 3 m and if the indoor unit is above, max. lift is reduced to 30 m.



Protection devices.

- Discharge and suction temperature sensors
- Internal overload relay
- Compressor overcurrent relay
- Overcurrent sensor
- High pressure switch
- Low pressure sensors