

SPLIT

Set			M-Thermal-14B1HB	M-Thermal-16B1HB	M-Thermal-12B3HB	M-Thermal-14B3HB	M-Thermal-16B3HB
Outdoor unit			MHA-V14W/D2N8-B	MHA-V16W/D2N8-B	MHA-V12W/D2RN8-B	MHA-V14W/D2RN8-B	MHA-V16W/D2RN8-B
Indoor unit			HB-A160/CDS90GN8-B	HB-A160/CDS90GN8-B	HB-A160/CDS90GN8-B	HB-A160/CDS90GN8-B	HB-A160/CDS90GN8-B
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
Heating (A7W35)	Capacity	kW	14,50	16,00	12,10	14,50	16,00
	Input power	kW	3,09	3,56	2,44	3,09	3,56
	COP		4,69	4,49	4,96	4,69	4,49
Heating (A7W45)	Capacity	kW	14,20	16,00	12,30	14,20	16,00
	Input power	kW	3,89	4,44	3,24	3,89	4,44
	COP		3,65	3,60	3,80	3,65	3,60
Heating (A7W55)	Capacity	kW	13,80	16,00	12,00	13,80	16,00
	Input power	kW	4,60	5,52	3,87	4,60	5,52
	COP		3,00	2,90	3,10	3,00	2,90
Cooling (A35W18)	Capacity	kW	13,50	14,90	12,00	13,50	14,90
	Input power	kW	3,75	4,38	3,00	3,75	4,38
	EER		3,60	3,40	4,00	3,60	3,40
Cooling (A35W7)	Capacity	kW	12,70	14,00	11,60	12,70	14,00
	Input power	kW	4,98	5,71	4,22	4,98	5,71
	EER		2,55	2,45	2,75	2,55	2,45
Energy efficiency rating	Outlet water temperature 35°C		A+++	A+++	A+++	A+++	A+++
	Outlet water temperature 55°C		A++	A++	A++	A++	A++
SCOP ³	Outlet water temperature 35°C		4,72	4,62	4,81	4,72	4,62
	Outlet water temperature 55°C		3,47	3,41	3,45	3,47	3,41
SEER	Outlet water temperature 7°C		4,86	4,69	4,86	4,83	4,67
	Outlet water temperature 18°C		6,90	6,75	7,04	6,85	6,71
MOP (max. overcurrent protection)			30	30	14	14	14
MCA (min. circuit ampacity)			26	27	10	11	12
Sound power level ¹	Heating A7W35	dB(A)	65	68	64	65	68
Sound pressure level ²		dB(A)	51,8	51,8	52,0	52,2	51,8
Outdoor fan	Motortype		DC	DC	DC	DC	DC
	No. of fans		1	1	1	1	1
Refrigerant	Type/charge	-/kg	R32/1,84	R32/1,84	R32/1,84	R32/1,84	R32/1,84
Piping	Liquid/gas	mm	Ø9,52/Ø15,9	Ø9,52/Ø15,9	Ø9,52/Ø15,9	Ø9,52/Ø15,9	Ø9,52/Ø15,9
	Min. piping length	m	2	2	2	2	2
	Max. piping length	m	30	30	30	30	30
	Max. height difference	m	20	20	20	20	20
Dimensions	Width x Height x Depth	mm	1118x864x523	1118x864x523	1118x864x523	1118x864x523	1118x864x523
Transport dimensions	Width x Height x Depth	mm	1180x890x560	1180x890x560	1180x890x560	1180x890x560	1180x890x560
Weight	Net/gross	kg	96/110	96/110	112/125	112/125	112/125
Outdoor air temperature range	Cooling	°C	-5~43	-5~43	-5~43	-5~43	-5~43
	Heating	°C	-25~35	-25~35	-25~35	-25~35	-25~35
	Domestic Hot Water	°C	-25~43	-25~43	-25~43	-25~43	-25~43

1. Testing standard for sound power in accordance with: EN12102-1.
2. Sound pressure level measured at a distance of 1 m from the unit and $(1+H)/2m$ (where H is the height of the unit) above the floor in the semi-anechoic chamber. The sound pressure level is the maximum value tested in two conditions A7W55 and A35W18. For 18 kW the value is calculated and serves only as a reference.
3. Seasonal space heating energy efficiency class tested in average climate conditions.