

SPLIT ALL IN ONE

Set				ALL-ONE-8A1/240	ALL-ONE-10A1/240	ALL-ONE-12A3/240	
Outdoor unit				MHA-V8W/D2N8-B	MHA-V10W/D2N8-B	MHA-V12W/D2RN8-B	
Indoor unit				HBT-A100/240CD590GN8-B		HBT-A160/240CD590GN8-B	
Indoor unit	Load profile according to EN 16147			XL	XL	XL	
	DHW production energy efficiency class ¹	temperate climate	class	A+	A+	A+	
			COP	3,36	3,36	3,00	
		warm climate	class	A+	A+	A+	
			COP	4,18	4,18	3,73	
		cold climate	class	A	A	A	
COP			2,72	2,72	2,24		
Heating	A7W35 ²	Capacity	kW	8,30	10,00	12,10	
		Input power	kW	1,60	2,00	2,44	
		COP		5,20	5,00	4,95	
	A7W45 ³	Capacity	kW	8,20	10,00	12,00	
		Input power	kW	2,08	2,63	3,24	
		COP		3,95	3,80	3,80	
Cooling	A35W18 ⁴	Capacity	kW	8,40	10,00	12,30	
		Input power	kW	1,66	2,08	3,00	
		EER		5,05	4,80	4,00	
	A35W7 ⁵	Capacity	kW	7,40	8,20	11,60	
		Input power	kW	2,19	2,48	4,22	
		EER		3,38	3,30	2,75	
Space heating	Seasonal energy efficiency class for space heating ⁶		Water outlet temperature 35°C	class	A+++	A+++	
			Water outlet temperature 55°C	class	A++	A++	
Outdoor unit	Power supply			V/Ph/Hz	220+240/1/50	220+240/1/50	380+415/3/50
	Refrigerant	Type (GWP)		class	R32 (675)	R32 (675)	R32 (675)
		Charge		kg	1,65	1,65	1,84
		Piping length without charging		m	< 15	< 15	< 15
		Additional charge		g/m	38	38	38
	Refrigerant piping	Liquid pipe diameter		mm	9,52	9,52	9,52
		Gas pipe diameter		mm	15,9	15,9	15,9
		Max. piping length		m	30	30	30
		Max. height difference		m	20	20	20
	Compressor type				Twin rotary DC	Twin rotary DC	Twin rotary DC
	Fan type				DC	DC	DC
	Outdoor unit sound power level ⁷			dB	59	60	64
	Temperature range	Heating		°C	-25+35	-25+35	-25+35
		Cooling		°C	-5+43	-5+43	-5+43
		Domestic hot water (DHW)		°C	-25+43	-25+43	-25+43
	Dimensions	Unit (width x height x depth)		mm	1118x865x523	1118x865x523	1118x865x523
		Packaging (width x height x depth)		mm	1190x970x560	1190x970x560	1190x970x560
	Weight	Net		kg	78,5	78,5	112
Gross		kg	92	92	125		
Indoor unit/ hydraulic module	Power supply			V/Ph/Hz	380+415/3/50	380+415/3/50	380+415/3/50
	Domestic hot water tank	Typ			Stainless steel	Stainless steel	Stainless steel
		Material			SUS 316L	SUS 316L	SUS 316L
		Volume		L	240	240	240
		Max. water temperature		°C	70	70	70
	Insulation (material) / thickness			mm	Polyurethane (cyclopentane) / 45	Polyurethane (cyclopentane) / 45	Polyurethane (cyclopentane) / 45
	Heat exchanger				plate	plate	plate
	Auxiliary heater	Electric power		kW	3/6/9	3/6/9	3/6/9
		Capacity steps			3	3	3
	Water pump	Type			DC Inverter	DC Inverter	DC Inverter
		Head		m	9	9	9
	Expansion vessel			L	8	8	8
	Water connections	Heating circuit (supply/return)		cal	External thread 1"	External thread 1"	External thread 1"
		DHW circuit (cold water, hot water, circulation)		cal	External thread 3/4"	External thread 3/4"	External thread 3/4"
	Indoor unit sound power level ⁷			dB	40	40	44
	Temperature range	Room		°C	5+35	5+35	5+35
		Heating		°C	25+65	25+65	25+65
		Cooling		°C	5+25	5+25	5+25
		Domestic hot water (DHW)		°C	30+60	30+60	30+60
	Dimensions	Unit (width x height x depth)		mm	600x1943x600	600x1943x600	600x1943x600
Packaging (width x height x depth)		mm	653x2160x653	653x2160x653	653x2160x653		
Weight	Net		kg	155,3	155,3	157,3	
	Gross		kg	170,2	170,2	172,2	

1. Technical specification complies with the requirements of standards: EN16147/2017;EU No: 812/2013

2. DB/WB 7/6°C, LWT 35°C (ΔT = 5°C)

3. DB/WB 7/6°C, LWT 45°C (ΔT = 5°C)

4. DB 35°C, LWT 18°C (ΔT = 5°C)

5. DB 35°C, LWT 7°C (ΔT = 5°C)

6. Technical specification complies with the requirements of standards: EN14511/2018; EN14825/2018; EU No: 811/2013

7. Sound power level in heating mode is given in accordance with EN 12102 standard under conditions consistent with EN 14825.