

SPECIFICATIONS

SPLIT ALL IN ONE

Set				ALL-ONE-8A1/190	ALL-ONE-10A1/190	
Outdoor unit				MHA-V8W/D2N8-B	MHA-V10W/D2N8-B	
Indoor unit				HBT-A100/190CDS90GN8-B		
Indoor unit	Load profile according to EN 16147			L	L	
	DHW production energy efficiency class ¹	temperate climate	class	A+	A+	
			COP	3,02	3,02	
		warm climate	class	A+	A+	
			COP	3,66	3,66	
		cold climate	class	A	A	
COP			2,61	2,61		
Heating	A7W35 ²	Capacity	kW	8,30	10,00	
		Input power	kW	1,60	2,00	
		COP		5,20	5,00	
	A7W45 ³	Capacity	kW	8,20	10,00	
		Input power	kW	2,08	2,63	
		COP		3,95	3,80	
Cooling	A35W18 ⁴	Capacity	kW	8,40	10,00	
		Input power	kW	1,66	2,08	
		EER		5,05	4,80	
	A35W7 ⁵	Capacity	kW	7,40	8,20	
		Input power	kW	2,19	2,48	
		EER		3,38	3,30	
Space heating	Seasonal energy efficiency class for space heating ⁶		Water outlet temperature 35°C	class	A+++	
			Water outlet temperature 55°C	class	A++	
Outdoor unit	Power supply			V/Ph/Hz	220±240/1/50	220±240/1/50
	Refrigerant	Type (GWP)		class	R32 (675)	R32 (675)
		Charge		kg	1,65	1,65
		Piping length without charging		m	< 15	< 15
		Additional charge		g/m	38	38
	Refrigerant piping	Liquid pipe diameter		mm	9,52	9,52
		Gas pipe diameter		mm	15,9	15,9
		Max. piping length		m	30	30
		Max. height difference		m	20	20
	Compressor type				Twin rotary DC	Twin rotary DC
	Fan type				DC	DC
	Outdoor unit sound power level ⁷			dB	59	60
	Temperature range	Heating		°C	-25±35	-25±35
		Cooling		°C	-5±43	-5±43
	Dimensions	Domestic hot water (DHW)		°C	-25±43	-25±43
		Unit (width x height x depth)		mm	1118×865×523	1118×865×523
	Weight	Packaging (width x height x depth)		mm	1190×970×560	1190×970×560
Net		kg	78,5	78,5		
		Gross		kg	92	
Indoor unit/ hydraulic module	Power supply			V/Ph/Hz	380±415/3/50	380±415/3/50
	Domestic hot water tank	Typ			Stainless steel	Stainless steel
		Material			SUS 316L	SUS 316L
		Volume		L	190	190
		Max. water temperature		°C	70	70
	Insulation (material) / thickness			mm	Polyurethane (cyclopentane) / 45	Polyurethane (cyclopentane) / 45
	Heat exchanger				plate	plate
	Auxiliary heater	Electric power		kW	3/6/9	3/6/9
		Capacity steps			3	3
	Water pump	Type			DC Inverter	DC Inverter
		Head		m	9	9
	Expansion vessel			L	8	8
	Water connections	Heating circuit (supply/return)		cal	External thread 1"	External thread 1"
		DHW circuit (cold water, hot water, circulation)		cal	External thread 3/4"	External thread 3/4"
	Indoor unit sound power level ⁷			dB	40	40
	Temperature range	Room		°C	5±35	5±35
		Heating		°C	25±65	25±65
Cooling		°C	5±25	5±25		
Domestic hot water (DHW)		°C	30±60	30±60		
Dimensions	Unit (width x height x depth)		mm	600x1683x600	600x1683x600	
	Packaging (width x height x depth)		mm	653x1900x653	653x1900x653	
Weight	Net		kg	138,6	138,6	
	Gross		kg	153,8	153,8	

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.