

Technical parameters									
Model(s):				Outdoor unit: MHA-V4W/D2N8-B2, Indoor unit: HB-A60/CGN8-B2					
Air-to-water heat pump:				YES					
Water-to-water heat pump:				NO					
Brine-to-water heat pump:				NO					
Low-temperature heat pump:				NO					
Equipped with a supplementary heater:				NO					
Heat pump combination heater:				NO					
Declared climate condition:				AVERAGE					
Parameters are declared for medium-temperature application.									
Item				Symbol		Value		Unit	
Rated heat output (*)				Prated		4.4		kW	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj					
Tj = -7℃		Pdh		3.89		kW			
Tj = 2℃		Pdh		2.38		kW			
Tj = 7℃		Pdh		2.94		kW			
Tj = 12℃		Pdh		1.32		kW			
Tj = bivalent temperature		Pdh		3.89		kW			
Tj = operating limit		Pdh		3.42		kW			
For air-to-water heat pumps: Tj = -15℃		Pdh		-		kW			
Bivalent temperature		Tbiv		-7		℃			
Cycling interval capacity for heating		Pcyc		-		kW			
Degradation co-efficient (**)		Cdh		0.9		--			
Power consumption in modes other than active mode				Supplementary heater					
Off mode		Poff		0.014		kW			
Standby mode		Psb		0.014		kW			
Thermostat-off mode		Pto		0.024		kW			
Crankcase heater mode		Pck		0.000		kW			
Other items									
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors		-		2770 m³/h	
Sound power level, indoors/outdoors		LWA		38/56		dB			
Annual energy consumption		QHE		2744		kWh			
For heat pump combination heater:									
Declared load profile		-		Water heating energy efficiency		ηwh		-	
Daily electricity consumption		Qelec		-		kWh			
Annual electricity consumption		AEC		-		kWh			
Contact details		GD Midea Heating & Ventilating Equipment Co. Ltd (Penglai industry road, Beijiao, Shunde, Foshan, Guangdong, P.R China)							
(*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).									
(**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9.									