

Technical parameters																															
Model(s):		Outdoor unit: MHA-V12W/D2N8-B2 Indoor unit: HB-A160/C***GN8-B2, HBT-A160/240CD***GN8-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:		YES																													
Heat pump combination heater:		YES																													
Declared climate condition:		AVERAGE																													
Parameters are declared for medium-temperature application.																															
Item				Symbol				Value				Unit																			
Rated heat output (*)				Prated				11.6				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°C				Pdh				10.24				kW																			
Tj = 2°C				Pdh				6.52				kW																			
Tj = 7°C				Pdh				4.36				kW																			
Tj = 12°C				Pdh				3.29				kW																			
Tj = bivalent temperature				Pdh				10.24				kW																			
Tj = operating limit				Pdh				9.10				kW																			
For air-to-water heat pumps: Tj = -15°C				Pdh				-				kW																			
Bivalent temperature				Tbiv				-7				°C																			
Cycling interval capacity for heating				Pcych				-				kW																			
Degradation co-efficient (**)				Cdh				0.9				--																			
Power consumption in modes other than active mode																															
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																											
Sound power level, indoors/outdoors				LWA				43 ^{a)} /64 42 ^{b)} /64				dB																			
Annual energy consumption				QHE				6927				kWh																			
For heat pump combination heater:																															
Declared load profile				XL				Water heating energy efficiency				ηwh				123				%											
Daily electricity consumption				Qdec				6.35				kWh				Daily fuel consumption				Qfuel				-				kWh			
Annual electricity consumption				AEC				1360				kWh				Annual fuel consumption				AFC				-				GJ			
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.																															
a) Represents : HB-A160/C***GN8-B2																															
b) Represents : HBT-A160/240CD***GN8-B2																															