

**Subtype Split Type Air-source Heat Pump Water Heater -100L**

Certificate Holder	GD Midea Air-Conditioning Equipment Co., Ltd.
Address	Lingang Road,
ZIP	
City	Guangdong
Country	CN
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Split Type Air-source Heat Pump Water Heater -100L
Registration number	011-1W1012
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R32
Mass of Refrigerant	1.8 kg
Certification Date	17.03.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14

**Model M4OA-27HFN8-Q(HRU)+ PBSX-100(30)/DN8-A**

Model name	M4OA-27HFN8-Q(HRU)+ PBSX-100(30)/DN8-A
Application	n/a
Units	Indoor, Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

**General data**

Power supply	1x230V 50Hz
Off-peak product	No

**Heat Pump for Domestic Hot Water (DHW)****EN 16147 | Operating test**

Temperature operating range	2
Safety devices checking test	2
Condensate draining	2

**EN 12102-2 | Average Climate**

Sound power level indoor	42 dB(A)
Sound power level outdoor	64 dB(A)

**EN 16147 | Average Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	108 %
COP	2.61
Heating up time	1:29 h:min
Standby power input	23.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	108 l

**EN 12102-2 | Colder Climate**

Sound power level indoor	42 dB(A)
Sound power level outdoor	64 dB(A)

**EN 16147 | Colder Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	47 %
COP	1.10
Heating up time	1:55 h:min
Standby power input	35.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	115 l

**EN 12102-2 | Warmer Climate**

Sound power level indoor	42 dB(A)
Sound power level outdoor	64 dB(A)

EN 16147 | Warmer Climate

Declared load profile	M
Efficiency $\eta_{DHW}$	105 %
COP	2.51
Heating up time	1:32 h:min
Standby power input	24.0 W
Reference hot water temperature	52.0 °C
Mixed water at 40°C	73 l