

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 η_{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 η_{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 η_{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