

## Subtype Multi-split heat pump water heater-190L-B1

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	Multi-split heat pump water heater-190L-B1
Registration number	011-1W0778
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R32
Mass of Refrigerant	1.8 kg
Certification Date	21.03.2024
Testing basis	HP KEYMARK certification scheme rules V13

## Model M4OA-27HFN8-Q(HRU)+PLSX-190(30)/DN8-A

Model name	M4OA-27HFN8-Q(HRU)+PLSX-190(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	22 dB(A)
Sound power level outdoor	64 dB(A)

#### EN 16147 | Average Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	128 %
COP	2.62
Heating up time	2:11 h:min
Standby power input	50.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

#### EN 12102-2 | Colder Climate

Sound power level indoor	22 dB(A)
Sound power level outdoor	64 dB(A)

#### EN 16147 | Colder Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	100 %
COP	2.08
Heating up time	2:20 h:min
Standby power input	50.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l

#### EN 12102-2 | Warmer Climate

Sound power level indoor	22 dB(A)
Sound power level outdoor	64 dB(A)

**EN 16147 | Warmer Climate**

Declared load profile	L
Efficiency $\eta_{DHW}$	145 %
COP	2.94
Heating up time	1:58 h:min
Standby power input	50.0 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	240 l