Subtype MDV A Series 8 10kW with 190L tank

Certificate Holder	GD Midea Heating & Ventilating Equipment Co., Ltd.
Address	Penglai Industry Road
ZIP	528311
City	Beijiao, Shunde, Foshan
Country	CN
Certification Body	BRE Global Limited
Subtype title	MDV A Series 8 10kW with 190L tank
Registration number	041-K007-25
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.65 kg
Certification Date	13.11.2023
Testing basis	Heat Pump KEYMARK certification Scheme rules v08

Model AHPS-V10W/D2N8-B+AHBT-A100/190C****GN8-B	
Model name	AHPS-V10W/D2N8-B+AHBT-A100/190C****GN8-B
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a
General data	
Power supply	1x230V 50Hz
Off-peak product	n/a
Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	125 %
COP	3.02
Heating up time	1:38 h:min
Standby power input	23 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l
EN 16147 | Colder Climate	
Declared load profile	L
Efficiency ηDHW	107 %
COP	2.61
Heating up time	1:31 h:min
Standby power input	25 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l
EN 16147 | Warmer Climate	
Declared load profile	L
Efficiency ηDHW	151 %
COP	3.66
Heating up time	1:30 h:min
Standby power input	21 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l

Model AHPS-V8W/D2N8-B+AHBT-A100/190C****GN8-B	
Model name	AHPS-V8W/D2N8-B+AHBT-A100/190C****GN8-B
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	125 %
COP	3.02
Heating up time	1:38 h:min
Standby power input	23 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l
EN 16147 | Colder Climate	
Declared load profile	L
Efficiency ηDHW	107 %
COP	2.61
Heating up time	1:32 h:min
Standby power input	25 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l
EN 16147 | Warmer Climate	
Declared load profile	L
Efficiency ηDHW	151 %
COP	3.66
Heating up time	1:30 h:min
Standby power input	21 W
Reference hot water temperature	47 °C
Mixed water at 40°C	200 l