

Subtype MDV A Series 8 10kW with 240L 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 240L tank
Registration number	041-K007-26
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-A100/240C****GN8-B

Model name	AHPS-V10W/D2N8-B+AHBT-A100/240C****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	XL
Efficiency η_{DHW}	137 %
COP	3.36
Heating up time	2:02 h:min
Standby power input	24 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	111 %
COP	2.72
Heating up time	2:18 h:min
Standby power input	24 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	171 %
COP	4.18
Heating up time	1:51 h:min
Standby power input	22 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l

Model AHPS-V8W/D2N8-B+AHBT-A100/240C****GN8-B

Model name	AHPS-V8W/D2N8-B+AHBT-A100/240C****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	XL
Efficiency η_{DHW}	137 %
COP	3.36
Heating up time	2:02 h:min
Standby power input	24 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	111 %
COP	2.72
Heating up time	2:18 h:min
Standby power input	24 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	171 %
COP	4.18
Heating up time	1:51 h:min
Standby power input	22 W
Reference hot water temperature	48 °C
Mixed water at 40°C	275 l