

Subtype M thermal A Series 4 6 kW with 240L tank

Certificate Holder	EAS Electric Smart Technology SL.
Address	Poligono Industrial San Carlos Parcela 13 03370 Redovan
ZIP	
City	Alicante
Country	ES
Certification Body	BRE Global Limited
Subtype title	M thermal A Series 4 6 kW with 240L tank
Registration number	041-K066-03
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	06.10.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 12

Model ETH04VA + ETHKH100A240

Model name	ETH04VA + ETHKH100A240
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}	136 %
COP	3.34
Heating up time	2:21 h:min
Standby power input	22.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	107 %
COP	2.63
Heating up time	2:38 h:min
Standby power input	24.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	174 %
COP	4.24
Heating up time	2:09 h:min
Standby power input	22.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l

Model ETH06VA + ETHKH100A240

Model name	ETH06VA + ETHKH100A240
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}	136 %
COP	3.34
Heating up time	2:21 h:min
Standby power input	22.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	107 %
COP	2.63
Heating up time	2:38 h:min
Standby power input	24.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	174 %
COP	4.24
Heating up time	2:09 h:min
Standby power input	22.0 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	275 l