

## Subtype S-Therm Ontario SMH5-40 60

Certificate Holder	SINCLAIR Global Group s.r.o.
Address	Purkyňova 45
ZIP	61200
City	Brno
Country	CZ
Certification Body	BRE Global Limited
Subtype title	S-Therm Ontario SMH5-40 60
Registration number	041-K037-21
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.95 kg
Certification Date	03.03.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 11

## Model SMH5-40B\*/SMH-40IRBC

Model name	SMH5-40B*/SMH-40IRBC
Application	Heating + DHW + low temp
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, 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 $\eta_{DHW}$	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	90 %
COP	2.16
Heating up time	6:36 h:min
Standby power input	62.8 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	321 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	120 %
COP	3.34
Heating up time	4:9 h:min
Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 l

## Model SMH5-60B\*/SMH-60IRBC

Model name	SMH5-60B*/SMH-60IRBC
Application	Heating + DHW + low temp
Units	Outdoor
Climate zone (for heating)	Colder, Warmer, 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 $\eta_{DHW}$	128 %
COP	3.06
Heating up time	4h33min h:min
Standby power input	48.3 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	333 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	90 %
COP	2.16
Heating up time	6:36 h:min
Standby power input	62.8 W
Reference hot water temperature	48.0 °C
Mixed water at 40°C	321 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	120 %
COP	3.34
Heating up time	4:9 h:min
Standby power input	30.0 W
Reference hot water temperature	49.0 °C
Mixed water at 40°C	326 l