

## Subtype S-Therm Ontario Split 40 60 2

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 Split 40 60 2
Registration number	041-K037-24
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.1 kg
Certification Date	03.03.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 11

## Model GSH-40IRBC/GSH-40ERB2

Model name	GSH-40IRBC/GSH-40ERB2
Application	Heating + DHW + low temp
Units	Indoor, 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 $\eta_{DHW}$	107 %
COP	2.53
Heating up time	2:52 h:min
Standby power input	78.6 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	374 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	79 %
COP	1.90
Heating up time	2:55 h:min
Standby power input	81.6 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	371 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	111 %
COP	2.62
Heating up time	1:40 h:min
Standby power input	74.8 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	375 l

## Model GSH-60IRBC/GSH-60ERB2

Model name	GSH-60IRBC/GSH-60ERB2
Application	Heating + DHW + low temp
Units	Indoor, 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 $\eta_{DHW}$	107 %
COP	2.53
Heating up time	2:52 h:min
Standby power input	78.6 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	374 l

### EN 16147 | Colder Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	79 %
COP	1.90
Heating up time	2:55 h:min
Standby power input	81.6 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	371 l

### EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency $\eta_{DHW}$	111 %
COP	2.62
Heating up time	1:40 h:min
Standby power input	74.8 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	375 l