

## Subtype S-Therm Ontario All in One 80 100

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 All in One 80 100
Registration number	041-K037-20
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-80TRB\*2/GSH-80ERB2

Model name	GSH-80TRB*2/GSH-80ERB2
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	L
Efficiency $\eta_{DHW}$	123 %
COP	2.92
Heating up time	1:47 h:min
Standby power input	36.1 W
Reference hot water temperature	53.1 °C
Mixed water at 40°C	226 l

### EN 16147 | Colder Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	94 %
COP	2.25
Heating up time	1:58 h:min
Standby power input	38.2 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	226 l

### EN 16147 | Warmer Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	143 %
COP	3.40
Heating up time	1:33 h:min
Standby power input	30.0 W
Reference hot water temperature	53.2 °C
Mixed water at 40°C	226 l

## Model GSH-100TRB\*2/GSH-100ERB2

Model name	GSH-100TRB*2/GSH-100ERB2
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	L
Efficiency $\eta_{DHW}$	123 %
COP	2.92
Heating up time	1:47 h:min
Standby power input	36.1 W
Reference hot water temperature	53.1 °C
Mixed water at 40°C	226 l

### EN 16147 | Colder Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	94 %
COP	2.25
Heating up time	1:58 h:min
Standby power input	38.2 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	226 l

### EN 16147 | Warmer Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	143 %
COP	3.40
Heating up time	1:33 h:min
Standby power input	30.0 W
Reference hot water temperature	53.2 °C
Mixed water at 40°C	226 l