

Subtype S-Therm Ontario All in One 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 All in One 40 60
Registration number	041-K037-19
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-40TRB*2/GSH-40ERB2

Model name	GSH-40TRB*2/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	L
Efficiency η_{DHW}	116 %
COP	2.76
Heating up time	3:54 h:min
Standby power input	34.8 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	226 l

EN 16147 | Colder Climate

Declared load profile	L
Efficiency η_{DHW}	91 %
COP	2.18
Heating up time	4:10 h:min
Standby power input	39.2 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	226 l

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency η_{DHW}	122 %
COP	2.92
Heating up time	3:39 h:min
Standby power input	31.9 W
Reference hot water temperature	53.0 °C
Mixed water at 40°C	228 l

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Units	Indoor, Outdoor
Climate zone (for heating)	Colder, Warmer, Warmer Climate, Colder Climate
Reversibility	Yes
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Off-peak product	n/a

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