

Subtype S-Therm Ontario All in One 80 100-3

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 80 100-3
Registration number	041-K037-29
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.84 kg
Certification Date	03.03.2023
Testing basis	Heat Pump Keymark Scheme Rules Rev 11

Model GSH-80TRB*2-3/GSH-80ERB-3

Model name	GSH-80TRB*2-3/GSH-80ERB-3
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	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	117 %
COP	2.74
Heating up time	1:28 h:min
Standby power input	46.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	234 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.15
Heating up time	1:48 h:min
Standby power input	47 W
Reference hot water temperature	52 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	118 %
COP	2.75
Heating up time	2:28 h:min
Standby power input	52 W
Reference hot water temperature	52 °C
Mixed water at 40°C	237 l

Model GSH-100TRB*2-3/GSH-100ERB-3

Model name	GSH-100TRB*2-3/GSH-100ERB-3
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	3x400V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	117 %
COP	2.74
Heating up time	1:28 h:min
Standby power input	46.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	234 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	90 %
COP	2.15
Heating up time	1:48 h:min
Standby power input	47 W
Reference hot water temperature	52 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	118 %
COP	2.75
Heating up time	2:28 h:min
Standby power input	52 W
Reference hot water temperature	52 °C
Mixed water at 40°C	237 l