

Subtype S-Therm Ontario All in One 120 140 160

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 120 140 160
Registration number	041-K037-30
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-120TRB*2-3/GSH-120ERB-3

Model name	GSH-120TRB*2-3/GSH-120ERB-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}	112 %
COP	2.61
Heating up time	1:08 h:min
Standby power input	52.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	231 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	95 %
COP	2.23
Heating up time	1:20 h:min
Standby power input	58 W
Reference hot water temperature	53 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	116 %
COP	2.7
Heating up time	1:05 h:min
Standby power input	51.9 W
Reference hot water temperature	53 °C
Mixed water at 40°C	233 l

Model GSH-120TRB*2/GSH-120ERB

Model name	GSH-120TRB*2/GSH-120ERB
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 η_{DHW}	112 %
COP	2.61
Heating up time	1:08 h:min
Standby power input	52.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	231 l

EN 16147 | Colder Climate

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EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	116 %
COP	2.7
Heating up time	1:05 h:min
Standby power input	51.9 W
Reference hot water temperature	53 °C
Mixed water at 40°C	233 l

Model GSH-140TRB*2-3/GSH-140ERB-3

Model name	GSH-140TRB*2-3/GSH-140ERB-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}	112 %
COP	2.61
Heating up time	1:08 h:min
Standby power input	52.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	231 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	95 %
COP	2.23
Heating up time	1:20 h:min
Standby power input	58 W
Reference hot water temperature	53 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	116 %
COP	2.7
Heating up time	1:05 h:min
Standby power input	51.9 W
Reference hot water temperature	53 °C
Mixed water at 40°C	233 l

Model GSH-140TRB*2/GSH-140ERB

Model name	GSH-140TRB*2/GSH-140ERB
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 η_{DHW}	112 %
COP	2.61
Heating up time	1:08 h:min
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EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	116 %
COP	2.7
Heating up time	1:05 h:min
Standby power input	51.9 W
Reference hot water temperature	53 °C
Mixed water at 40°C	233 l

Model GSH-160TRB*2-3/GSH-160ERB-3

Model name	GSH-160TRB*2-3/GSH-160ERB-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}	112 %
COP	2.61
Heating up time	1:08 h:min
Standby power input	52.8 W
Reference hot water temperature	53 °C
Mixed water at 40°C	231 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	95 %
COP	2.23
Heating up time	1:20 h:min
Standby power input	58 W
Reference hot water temperature	53 °C
Mixed water at 40°C	230 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	116 %
COP	2.7
Heating up time	1:05 h:min
Standby power input	51.9 W
Reference hot water temperature	53 °C
Mixed water at 40°C	233 l

Model GSH-160TRB*2/GSH-160ERB

Model name	GSH-160TRB*2/GSH-160ERB
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

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