

Subtype S-Therm Ontario Split 120 140

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 120 140
Registration number	041-K037-27
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-120IRB*-3/GSH-120ERB-3

Model name	GSH-120IRB*-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}	108 %
COP	2.58
Heating up time	1:28 h:min
Standby power input	67.1 W
Reference hot water temperature	52 °C
Mixed water at 40°C	336 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	85 %
COP	2.05
Heating up time	1:54 h:min
Standby power input	70 W
Reference hot water temperature	52 °C
Mixed water at 40°C	333 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	115 %
COP	2.73
Heating up time	1:28 h:min
Standby power input	68.2 W
Reference hot water temperature	52 °C
Mixed water at 40°C	332 l

Model GSH-120IRB*/GSH-120ERB

Model name	GSH-120IRB*/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}	105 %
COP	2.52
Heating up time	1:28 h:min
Standby power input	60.2 W
Reference hot water temperature	52 °C
Mixed water at 40°C	336 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	84 %
COP	2.04
Heating up time	1:54 h:min
Standby power input	58.7 W
Reference hot water temperature	52 °C
Mixed water at 40°C	333 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	108 %
COP	2.59
Heating up time	1:28 h:min
Standby power input	58.4 W
Reference hot water temperature	52 °C
Mixed water at 40°C	332 l

Model GSH-140IRB*-3/GSH-140ERB-3

Model name	GSH-140IRB*-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}	108 %
COP	2.58
Heating up time	1:28 h:min
Standby power input	67.1 W
Reference hot water temperature	52 °C
Mixed water at 40°C	336 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	85 %
COP	2.05
Heating up time	1:54 h:min
Standby power input	70 W
Reference hot water temperature	52 °C
Mixed water at 40°C	333 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	115 %
COP	2.73
Heating up time	1:28 h:min
Standby power input	68.2 W
Reference hot water temperature	52 °C
Mixed water at 40°C	332 l

Model GSH-140IRB*/GSH-140ERB

Model name	GSH-140IRB*/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}	105 %
COP	2.52
Heating up time	1:28 h:min
Standby power input	60.2 W
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EN 16147 | Colder Climate

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