

Subtype S-Therm Ontario Split 80 100 2

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|---------------------|---------------------------------------|
| 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 80 100 2 |
| Registration number | 041-K037-25 |
| 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-80IRBC/GSH-80ERB2

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|-------------------------------------|--|
| Model name | GSH-80IRBC/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 | XL |
| Efficiency η_{DHW} | 111 % |
| COP | 2.51 |
| Heating up time | 1:32 h:min |
| Standby power input | 132.0 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 371 l |

EN 16147 | Colder Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 82 % |
| COP | 1.55 |
| Heating up time | 1:51 h:min |
| Standby power input | 183.7 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 376 l |

EN 16147 | Warmer Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 118 % |
| COP | 2.24 |
| Heating up time | 1:27 h:min |
| Standby power input | 86.1 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 375 l |

Model GSH-100IRBC/GSH-100ERB2

| | |
|-------------------------------------|--|
| Model name | GSH-100IRBC/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 | XL |
| Efficiency η_{DHW} | 111 % |
| COP | 2.51 |
| Heating up time | 1:32 h:min |
| Standby power input | 132.0 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 371 l |

EN 16147 | Colder Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 82 % |
| COP | 1.55 |
| Heating up time | 1:51 h:min |
| Standby power input | 183.7 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 376 l |

EN 16147 | Warmer Climate

| | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 118 % |
| COP | 2.24 |
| Heating up time | 1:27 h:min |
| Standby power input | 86.1 W |
| Reference hot water temperature | 51.0 °C |
| Mixed water at 40°C | 375 l |