

**Subtype HP100 W**

|                     |   |
|---------------------|---|
| Certificate Holder  | Bosch Termotecnologia S.A.  |
| Address             | EN 16 -Km 3.7 - Cacia   |
| ZIP                 | 3800-533  |
| City                | Aveiro  |
| Country             | PT  |
| Certification Body  | SZU - Strojirensky zkusebni ustav (Engineering Test Institute, Public Enterprise) |
| Subtype title       | HP100 W   |
| Registration number | 037-0079-23   |
| Heat Pump Type      | Heat Pump for Domestic Hot Water (DHW)  |
| Refrigerant         | R513A   |
| Mass of Refrigerant | 0.76 kg   |
| Certification Date  | 24.02.2023  |
| Testing basis       | hP Keymark scheme rules rev. no. 9  |

Model AquaSmart HP100 W

|                                     |                   |
|-------------------------------------|-------------------|
| Model name                          | AquaSmart HP100 W |
| Application                         | n/a               |
| Units                               | Indoor            |
| Climate zone (for heating)          | n/a               |
| Heat Source                         | Outdoor Air       |
| Cooling mode application (optional) | n/a               |
| Any additional heat sources         | Outdoor Air       |

General data

|                  |             |
|------------------|-------------|
| Power supply     | 1x230V 50Hz |
| Off-peak product | No          |

Heat Pump for Domestic Hot Water (DHW)

EN 16147 | Operating test

|                              |   |
|------------------------------|---|
| Temperature operating range  | 2 |
| Safety devices checking test | 2 |
| Condensate draining          | 2 |

EN 12102-2 | Average Climate

|                          |          |
|--------------------------|----------|
| Sound power level indoor | 50 dB(A) |
|--------------------------|----------|

EN 16147 | Average Climate

|                                 |             |
|---------------------------------|-------------|
| Declared load profile           | M           |
| Efficiency $\eta_{DHW}$         | 120 %       |
| COP                             | 2.80        |
| Heating up time                 | 07:04 h:min |
| Standby power input             | 18.0 W      |
| Reference hot water temperature | 54.6 °C     |
| Mixed water at 40°C             | 135 l       |