

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)
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EN 16147 | Average Climate

Declared load profile	M
Efficiency η_{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