

## Subtype Aquarea DHW Heat Pump 200L

Certificate Holder	Panasonic Marketing Europe GmbH
Address	Hagenauer Strasse 43, Wiesbaden
ZIP	65203
City	Wiesbaden
Country	DE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Aquarea DHW Heat Pump 200L
Registration number	011-1W1073
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R290
Mass of Refrigerant	0.15 kg
Certification Date	29.07.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14

## Model P-DHW200AE5

Model name	P-DHW200AE5
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

## 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	L
Efficiency $\eta_{DHW}$	139 %
COP	3.40
Heating up time	7:47 h:min
Standby power input	28.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	278 l

### EN 12102-2 | Colder Climate

Sound power level indoor	50 dB(A)
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### EN 16147 | Colder Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	11:21 h:min
Standby power input	28.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	278 l

### EN 12102-2 | Warmer Climate

Sound power level indoor 50 dB(A)

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	150 %
COP	3.60
Heating up time	7:24 h:min
Standby power input	28.0 W
Reference hot water temperature	54.0 °C
Mixed water at 40°C	278 l

## Model P-DHW200CAE5

Model name	P-DHW200CAE5
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

## 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	L
Efficiency $\eta_{DHW}$	140 %
COP	3.40
Heating up time	7:38 h:min
Standby power input	31.0 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	267 l

### EN 12102-2 | Colder Climate

Sound power level indoor	50 dB(A)
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### EN 16147 | Colder Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	108 %
COP	2.60
Heating up time	11:14 h:min
Standby power input	31.0 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	267 l

### EN 12102-2 | Warmer Climate

Sound power level indoor 50 dB(A)

EN 16147 | Warmer Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	150 %
COP	3.60
Heating up time	7:11 h:min
Standby power input	28.0 W
Reference hot water temperature	51.0 °C
Mixed water at 40°C	267 l