


| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|
|  | Nyilatkozat idényjellegű, egy zónaidős „H” árszabás alkalmazásához | | | | | | | | | | | | | | | | | | | | | | |
| | Érkezett: 20 | | | | | | | | | | | | | ÜK szám: | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----------------------------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|
| Felhasználó neve: | | | | | | | | | | | | | |
| Felhasználó azonosító szám: | 1 | 0 | | | | | | | | | | | |
| Felhasználási hely címe: | | | | | | | | | | | | | |
| Fogyasztási hely azonosító: | 0 | 4 | | | | | | | | | | | |

A „H” árszabás alkalmazását az alábbi hőszivattyús-berendezés üzemeltetéséhez igénylem:

| Berendezés | | | | | |
|---|--------------|-------------------------------------|---|---|-----------|
| gyártója: Panasonic. | | | típusjelzése: WH-UXZ09KE8 + WH-ADC0912K9E8 | | |
| Hőszivattyú | | | | | |
| névleges villamos teljesítménye (kW): 1.79 | | fűtési teljesítménye (kW): 9 | | jósági tényezője (SCOP értéke): 4.96 | |
| Hőszivattyú működési rendszere (a megfelelőt kérjük bekarikázni) | | | | | |
| levegő - levegő | levegő - víz | talaj - levegő | talaj - víz | víz - levegő | víz - víz |
| A különmért áramkörön lévő hőszivattyús hőellátó rendszer teljes egyidejű villamos teljesítménye (kW): | | | | | |
| A hőszivattyú várható fogyasztása (kWh) | | | | | |
| fűtési időszakban (október 15. – április 15.): 3747 | | | nyári időszakban (április 16. – október 14.): | | |

Kijelentem, hogy a „H” árszabást kizárólag a külön mért felhasználói áramkörre állandó jelleggel, megfelelő segédeszköz (szerszám) hiányában állagsérelem nélkül nem leválasztható módon, nem dugaszolhatóan csatlakoztatott, legalább 3,4 (SCOP) jósági fokú hőszivattyúk, és a napenergiából és egyéb megújuló energiaforrásokból nyert hőt épületek hőellátására hasznosító berendezések üzemeltetését közvetlenül szolgáló készülékek (pl. keringető szivattyúk, automatikák) villamosenergia-fogyasztására használom fel.

Kelt: _____

felhasználó

A villamosenergia elosztás biztosítása, a csatlakozási-, és hálózathasználati szerződés teljesítése keretében kezelt személyes adatokra vonatkozó tájékoztatást a www.mvmnext.hu honlapon és az ügyfélszolgálati irodáinkban elérhető Általános Adatkezelési Tájékoztatóban találhatja meg. Az ügyintézés során készített hangfelvétellel összefüggésben kezelt személyes adatokra vonatkozó tájékoztatást a www.mvmnext.hu honlapon és az

ügyfélszolgálati irodáinkban elérhető Hangfelvétel Rögzítésére Vonatkozó Adatkezelési Tájékoztatóban található meg.

3. Specifications

3.1 WH-ADC0912K9E8 WH-UXZ09KE8

| Item | | Unit | Outdoor Unit | | | |
|--|---|---------------------------|--|----------------------------|----------------------------|-------------|
| Performance Test Condition | | | EN14511 / EN14825 | | | |
| Cooling Capacity | Condition (Ambient/Water) | | A35W7 | | | |
| | kW | | 8.80 | | | |
| | BTU/h | | 30000 | | | |
| Cooling EER | W/W | | 3.11 | | | |
| Heating Capacity | Condition (Ambient/Water) | | A7W35 | A2W35 | | |
| | kW | | 9.00 | 9.00 | | |
| | BTU/h | | 30700 | 30700 | | |
| Heating COP | W/W | | 5.03 | 3.69 | | |
| Heating ErP | Low Temperature Application (W35) | | Warmer | Average | Colder | |
| | Application | Climate | | | | |
| | Pdesign | kW | 9.0 | 9.0 | 11.0 | |
| | Tbivalent / TOL | °C | 2 / 2 | -10 / -10 | -15 / -22 | |
| | SCOP / ns | (W/W) / % | 6.47 / 256 | 4.96 / 195 | 4.31 / 169 | |
| | Annual Consumption | kWh | 1859 | 3747 | 6289 | |
| | Class | | A+++ | A+++ | A++ | |
| | Medium Temperature Application (W55) | | Warmer | Average | Colder | |
| | Application | Climate | | | | |
| | Pdesign | kW | 9.0 | 9.0 | 11.0 | |
| | Tbivalent / TOL | °C | 2 / 2 | -10 / -10 | -15 / -22 | |
| | SCOP / ns | (W/W) / % | 4.34 / 171 | 3.57 / 140 | 3.26 / 127 | |
| | Annual Consumption | kWh | 2772 | 5208 | 8327 | |
| | Class | | A+++ | A++ | A++ | |
| | DHW | | Warmer | Average | Colder | |
| | Application | Climate | | | | |
| | COP / nwh | (W/W) / % | 3.30 / 132 | 2.80 / 112 | 2.20 / 88 | |
| | AEC | kWh | 760 | 890 | 1130 | |
| | Noise Level | Condition (Ambient/Water) | | A35W7 | A7W35 | A2W35 |
| | | dB (A) | | Cooling: 49 | Heating: 51 | Heating: 51 |
| Power Level dB (A) | | | Cooling: 67 | Heating: 68 Heating: 65 | Heating: 68 Heating: 65 | |
| Air Flow | m ³ /min (ft ³ /min) | | Cooling: 85.3 (3010) Heating: 64.9 (2290) | | | |
| Refrigeration Control Device | | | Expansion Valve | | | |
| Refrigeration Oil | cm ³ | | FW50S (1300) | | | |
| Refrigerant (R32) Precharged / Maximum | kg (oz) | | 1.60 (56.5) / 2.20 (77.7) | | | |
| F-GAS | GWP | | 675 | | | |
| | CO ² eq (ton) (Precharged / Maximum) | | 1.080 / 1.485 | | | |
| Dimension | Height | mm (inch) | 1340 (52-3/4) | | | |
| | Width | mm (inch) | 900 (35-7/16) | | | |
| | Depth | mm (inch) | 320 (12-19/32) | | | |
| Net Weight | kg (lbs) | | 90 (198) | | | |
| Pipe Diameter | Liquid | mm (inch) | 6.35 (1/4) | | | |
| | Gas | mm (inch) | 12.7 (1/2) | | | |

| Item | | Unit | Outdoor Unit | | |
|--|-------------------|---------------------------|--|---------------|---------------|
| Standard Length | | m (ft) | 7 (23.0) | | |
| Pipe Length Range | | m (ft) | 3 (9.8) ~ 30 (98.4) | | |
| I/D & O/D Height Difference | | m (ft) | 20 (65.6) | | |
| Additional Gas Amount | | g/m (oz/ft) | 30 (0.3) | | |
| Refrigeration Charge Less | | m (ft) | 10 (32.8) | | |
| Compressor | Type | | Hermetic Motor | | |
| | Motor Type | | Brushless (6-poles) | | |
| | Rated Output | kW | 3.00 | | |
| Fan | Type | | Propeller Fan | | |
| | Material | | PP | | |
| | Motor Type | | DC (8-poles) | | |
| | Input Power | W | - | | |
| | Output Power | W | 60 | | |
| | Fan Speed | rpm | Cooling: 630 (Top), 670 (Bottom) Heating: 440 (Top), 480 (Bottom) | | |
| Heat Exchanger | Fin material | | Aluminium (Pre Coat) | | |
| | Fin Type | | Corrugated Fin | | |
| | Row × Stage × FPI | | 2 × 62 × 19 | | |
| | Size (W × H × L) | mm | 903,7 × 1302,0 × 36,38 | | |
| Power Source (Phase, Voltage, Cycle) | | ∅ | Three | | |
| | | V | 400 | | |
| | | Hz | 50 | | |
| Input Power | | Condition (Ambient/Water) | A35W7 | A7W35 | A2W35 |
| | | kW | Cooling: 2.83 | Heating: 1.79 | Heating: 2.44 |
| Maximum Input Power For Heatpump System | | kW | 6.60 | | |
| Power Supply 1 : Phase (∅) / Max. Current (A) / Max. Input Power (W) | | | 3∅ / 10.4 / 6.60k | | |
| Power Supply 2 : Phase (∅) / Max. Current (A) / Max. Input Power (W) | | | 3∅ / 13.0 / 9.00k | | |
| Power Supply 3 : Phase (∅) / Max. Current (A) / Max. Input Power (W) | | | - / - / - | | |
| Starting Current | | A | 2.8 | | |
| Running Current | | Condition (Ambient/Water) | A35W7 | A7W35 | A2W35 |
| | | A | Cooling: 4.5 | Heating: 2.8 | Heating: 3.9 |
| Maximum Current For Heatpump System | | A | 10.4 | | |
| Power Factor Power factor means total figure of compressor and outdoor fan motor. | | % | Cooling: 92 Heating: 92 Heating: 92 | | |
| Power Cord | Number of core | | - | | |
| | Length | m (ft) | - | | |
| Thermostat | | | Electronic Control | | |
| Protection Device | | | Electronic Control | | |

| Item | | Unit | Indoor Unit | | |
|--|---------------------------|------------------|---|-------------|-------------|
| Performance Test Condition | | | EN14511 / EN14825 | | |
| Operation Range | Outdoor Ambient | °C (min. / max.) | Cooling: 10 / 43 Heating: -28 / 35 | | |
| | Water Outlet | °C (min. / max.) | Cooling: 5 / 20 Heating (Tank): - / 65*, Heating Circuit: 20 / 55 (Below Ambient -15°C)** Heating Circuit: 20 / 60 (Above Ambient -10°C)** | | |
| Internal Pressure Differential | | kPa | Cooling: 30.0 Heating: 32.0 | | |
| Noise Level | Condition (Ambient/Water) | | A35W7 | A7W35 | A2W35 |
| | dB (A) | | Cooling: 33 | Heating: 33 | Heating: 33 |
| | Power Level dB (A) | | Cooling: 46 | Heating: 46 | Heating: 46 |
| Dimension | Depth | mm (inch) | 602 (23-45/64) | | |
| | Width | mm (inch) | 599 (23-37/64) | | |
| | Height | mm (inch) | 1642 (64-41/64) | | |
| Net Weight | | kg (lbs) | 102 (225) | | |
| Refrigerant Pipe Diameter | Liquid | mm (inch) | 6.35 (1/4) | | |
| | Gas | mm (inch) | 12.7 (1/2) | | |
| Water Pipe Diameter | Room | mm (inch) | 31.75 (1-1/4) | | |
| | Shower | mm (inch) | 19.05 (3/4) | | |
| Water Drain Hose Inner Diameter | | mm (inch) | 12.00 (17/36) | | |
| Pump | Motor Type | | DC Motor | | |
| | No. of Speed | | 7 (Software Selection) | | |
| | Input Power | W | 145 | | |
| Hot Water Coil | Type | | Brazen Plate | | |
| | No. of Plates | | 36 | | |
| | Size (W × H × L) | mm | 68 × 376 × 119 | | |
| | Water Flow Rate | l/min (m³/h) | Cooling: 25.2 (1.5) Heating: 25.8 (1.5) | | |
| Pressure Relief Valve Water Circuit | | kPa | Open: 300, Close: 210 and below | | |
| Flow Sensor | Type | | Piezoelectric sensor | | |
| | Range | l/min | 5 ~ 60 | | |
| Pressure Release Valve | | kPa | Open: 800, Close: 640 and below | | |
| Protection Device | | A | Earth Leakage Circuit Breaker (25 ~ 40) | | |
| Expansion Vessel | Volume | l | 10 | | |
| | MWP | bar | 3.0 | | |
| Capacity of Integrated Electric Heater / OLP TEMP | | kW / °C | 9.00 / 80 | | |
| Tank Volume (Spec / Nett) | | L | 200 / 185 | | |
| Max. Tank Water Set Temperature | | °C | 65 | | |
| Tank Coil Surface | | m² | 1.8 | | |
| Maximum Working Pressure | Heat / Cool | Bar | 3.0 | | |
| | Tank Circuit | Bar | 10.0 | | |
| Operating Pressure | Tank Unit | Bar | 3.5 | | |
| | Expansion Relief Valve | Bar | 8.0 | | |
| Expansion Vessel Pre-charge Pressure (DHW Circuit) | | Bar | 3.5 | | |
| Pressure Reducing Valve Set Pressure (DHW Circuit) | | Bar | 3.5 | | |

| Item | | Unit | Indoor Unit |
|-----------------|---|----------------|----------------|
| Pressure Vessel | Material | | En-1.4521 |
| | Volume | L | 185 |
| | Design Pressure | Bar | 10 |
| Heat Exchanger | Material | | EN-1.4521 |
| | Diameter | mm | 22 |
| | Thickness | mm | 0.8 |
| | Surface Area | m ² | 1.8 |
| | Total Length | m | 25 |
| DHW Tank | Total Corrosion ion (Chloride + Sulphate + Nitric) | mg/L | < 150 |
| | Conductivity @ Water Tank Water Temperature < 60°C | µS/cm | < 1250 |
| | Conductivity @ Water Tank Water Temperature < 65°C | µS/cm | < 1200 |
| | Saturation Index (LSI) @ 20°C | | > -4.0 / < 0.4 |
| | PH | | 6.5 - 8.5 |

Note:

- Cooling capacities are based on outdoor air temperature of 35°C Dry Bulb with controlled indoor water inlet temperature of 12°C and water outlet temperature of 7°C.
- Heating capacities are based on outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb) with controlled indoor water inlet temperature of 30°C and water outlet temperature of 35°C.
- Specifications are subjected to change without prior notice for further improvement.
- * Above 55°C, only possible with backup heater operation.
- ** Between outdoor ambient -10°C and -15°C, the water outlet temperature gradually decreases from 60°C to 55°C.
- It is recommended to follow DHW tank water quality limit for Panasonic Air to Water All in One according to Drinking Water Directive 98/83 EC
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- If the EUROVENT Certified models can be operated under the “extra-low” temperature condition, -7°C DB and -8°C WB temperature with rated voltage 230V shall be used.
- Flowrate indicated are based on nominal capacity adjustment of leaving water temperature (LWT) 35°C and ΔT=5°C.
- The sound pressure level is measured with distance 1.0m from the unit and height at 1.5m. (Test carry out for cooling at ambient 35°C DB and Water Out 7°C, heating at ambient 7°C DB / 6°C WB and water out 55°C)
- The sound power level is measured with accordance to EN12102 under full load conditions. (Test carry out for cooling at ambient 35°C DB and Water Out 7°C, heating at ambient 7°C DB / 6°C WB and water out 55°C)
- The sound power level is measured with accordance to EN12102 under conditions of the EN14825.
- EER and COP classification is at 230V only in accordance with EU directive 2003/32/EC.

EU Declaration of Conformity ¹

Document Number ² : MRD-D23007-02

Manufacturer ³

Name ⁴ : Panasonic Corporation
Address ⁵ : 1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan

Object of Declaration ⁷

Product Name ⁸ : Air-to-Water Heat Pump System (Outdoor Unit)
Trade Name ⁹ : Panasonic
Model Number ¹⁰ : WH-UXZ09KE8; WH-UXZ12KE8; WH-UXZ16KE8; WH-UDZ09KE8; WH-UDZ12KE8
WH-UDZ16KE8

CE Requirements ¹⁵

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described above is in conformity with the requirements of the following EU legislation and harmonized standards ¹⁶ :

Council Directives ¹⁷ : 2014/35/EU LVD
2014/30/EU EMC
2011/65/EU RoHS
2009/125/EC ErP
2014/68/EU PED

Commission Regulation ¹⁸ : (EU) No. 813/2013 Implementing measures for ErP Directive

Council Recommendation ²¹ : 1999/519/EC EMF

Applicable Standards ²⁴ : EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A2:2009 +A13:2012
EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021
EN 62233:2008; EN IEC 61000-3-2:2019 +A1:2021; EN 61000-3-12:2011
EN 61000-3-3:2013 +A1:2019 +A2:2021; EN IEC 61000-3-11:2019
EN IEC 55014-1:2021; EN IEC 55014-2:2021; EN IEC 63000:2018
EN 14511-2:2018; EN 14511-3:2018; EN 12102-1:2017; EN 14825:2018
EN 16147:2017; EN 12897:2016; EN 378-2:2016

Notified Body ²⁵ : TUV Rheinland Industrie Service GmbH, NB No: 0035, performed PED conformity Assessment Procedure of product compliance with the essential requirements of the PED 2014/68/EU and issued Certificate No. 01/202 J/Q-13 0050, 01 202 CHN/Q-13 0504, 01 202 641/B-18-0011.

| Pressure Equipment | Category | Conformity Assessment | ID of Notified Body |
|-------------------------|----------|--------------------------|---------------------|
| Assembly (Outdoor Unit) | II | Module E1 | 0035 |
| Compressor | II | Module E1 | 0035 |
| Safety Pressure Switch | IV | Module B (Production)+ D | 0035 |

Additional Information ²⁶

For RoHS, 2011/65/EU as amended by (EU)2015/863
Last two digit year when CE marking has been affixed the first time: 23
Remark: For translation refer to the attachment

Shah Alam / 12.12.2023

Place and Date of Issue ²⁷ / Signature ²⁸

Yoichi Tagami / Director

Printed Name ²⁹ / Title ³⁰

Hamburg, 14.12.2023

Place and Date of Issue ²⁷ / Signature ²⁸

Niels Erdmann

Authorised Representative ³¹

- Authorised Representative ³¹ -

Panasonic Marketing Europe GmbH, Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany

EU Declaration of Conformity

Document Number: MRD-D23008-01

Manufacturer

Name : Panasonic Corporation
Address : 1006, Oaza Kadoma, Kadoma City, Osaka 571-8501, Japan

Object of Declaration

< A >

Product Name : Air-to-Water Heat Pump System (Air-to-Water Hydromodule + Tank)
Trade Name : Panasonic
Model Number : WH-ADC16K9E8; WH-ADC16K9E8AN; WH-ADC0912K9E8; WH-ADC0912K9E8AN

CE Requirements

This declaration of conformity is issued under the sole responsibility of the manufacturer. The object of the declaration described above is in conformity with the requirements of the following EU legislation and harmonized standards:

| | | | |
|------------------------|--|--|-------|
| Council Directives | : 2014/35/EU 2014/30/EU 2011/65/EU 2009/125/EC | LVD EMC RoHS ErP | < B > |
| Commission Regulations | : (EU) No. 813/2013 (EU) No. 622/2012 | Implementing measures for ErP Directive Implementing measures for ErP Directive | |
| Council Recommendation | : 1999/519/EC | EMF | |
| Applicable Standards | : EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A2:2009 +A13:2012 EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019 +A14:2019 +A2:2019 +A15:2021 EN 62233:2008; EN 60335-2-21:2021+A1:2021; EN 61000-3-12:2011(*) EN IEC 61000-3-11:2019(*); EN IEC 55014-1:2021; EN IEC 55014-2:2021 EN IEC 63000:2018; EN 14511-2:2018; EN 14511-3:2018; EN 12102-1:2017 EN 14825:2018; EN 16147:2017; EN 12897:2016; EN 16297-1:2012 EN 16297-3:2012; EN IEC 61000-3-2:2019 +A1:2021 EN 61000-3-3:2013 +A1:2019 +A2:2021 | | < C > |

Additional Information

< D >

For ErP, Integrated pump, CRN (EC)641/2009 amended by (EU) No 622/2012
For RoHS, 2011/65/EU as amended by (EU)2015/863
Last two digit year when CE marking has been affixed the first time: 23
(*)EN 61000-3-12:2011 and EN IEC 61000-3-11:2019 only applicable to power supply 1
of WH-ADC16K9E8 & WH-ADC16K9E8AN
Remark: For translation refer to the attachment

23.08.2023

Date of Issue / Signature

Yoichi Tagami / Director

Printed Name / Title

Hamburg, 04.09.2023

Date of Issue / Signature

Niels Erdmann

Authorised Representative

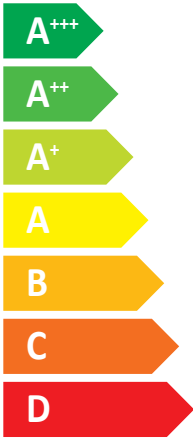
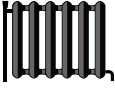


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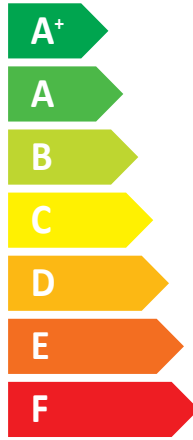
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Panasonic

WH-ADC0912K9E8/WH-UXZ09KE8



A++



A

Two icons showing sound power levels: a house with a speaker icon and the text "46 dB", and another house with a speaker icon and the text "65 dB".



Legend for power consumption: a dark blue square for "11 kW", a medium blue square for "9 kW", and a light blue square for "9 kW".

2019

811/2013

ACXF86-48840