	<b>Nyilatkozat idényjellegű, egy zónaidős „H” árszabás alkalmazásához</b>																						
	Érkezett: <b>20</b>													ÜK szám:									

Felhasználó neve:													
Felhasználó azonosító szám:	<b>1</b>	<b>0</b>											
Felhasználási hely címe:													
Fogyasztási hely azonosító:	<b>0</b>	<b>4</b>											

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

<b>Berendezés</b>					
gyártója: <b>Panasonic</b>			típusjelzése: <b>WH-UD12HE8</b>		
<b>Hőszivattyú</b>					
névleges villamos teljesítménye (kW): <b>2.53</b>		fűtési teljesítménye (kW): <b>12</b>		jósági tényezője (SCOP értéke): <b>4.82</b>	
<b>Hőszivattyú működési rendszere</b> (a megfelelőt kérjük bekarikázni)					
levegő - levegő	levegő - víz	talaj - levegő	talaj - víz	víz - levegő	víz - víz
A különmért áramkörön lévő hőszivattyús hőellátó rendszer <b>teljes egyidejű villamos teljesítménye (kW):</b>					
<b>A hőszivattyú várható fogyasztása (kWh)</b>					
fűtési időszakban (október 15. – április 15.): <b>4286</b>			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](http://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](http://www.mvmnext.hu) honlapon és az ügyfélszolgálati irodáinkban elérhető Hangfelvétel Rögzítésére Vonatkozó Adatkezelési Tájékoztatóban találhatja meg.

## 2.2 WH-SDC12H9E8 WH-UD12HE8

Item		Unit	Outdoor Unit		
Performance Test Condition			EN 14511		
Cooling Capacity	Condition (Ambient/Water)		A35W7		
	kW		10.00		
	BTU/h		34100		
	kcal/h		8600		
Cooling EER	W/W		2.85		
	kcal/hW		2.45		
Heating Capacity	Condition (Ambient/Water)		A7W35	A2W35	
	kW		12.00	11.40	
	BTU/h		41000	38900	
	kcal/h		10320	9800	
Heating COP	W/W		4.74	3.44	
	kcal/hW		4.08	2.96	
Heating ErP	Low Temperature Application (W35)		Warmer	Average	Colder
	Application	Climate			
	Pdesign	kW	11.0	10.0	11.0
	Tbivalent / TOL	°C	2 / 2	-10 / -10	-15 / -22
	SCOP / ns	(W/W) / %	6.21 / 245	4.82 / 190	4.29 / 168
	Annual Consumption	kWh	2368	4286	6327
	Class		A++	A++	A++
	Medium Temperature Application (W55)		Warmer	Average	Colder
	Application	Climate			
	Pdesign	kW	9.0	8.0	9.0
	Tbivalent / TOL	°C	2 / 2	-10 / -10	-15 / -22
	SCOP / ns	(W/W) / %	4.05 / 159	3.42 / 134	3.10 / 121
	Annual Consumption	kWh	2970	4840	7147
	Class		A++	A++	A+
Noise Level	Condition (Ambient/Water)		A35W7	A7W35	A2W35
	dB (A)		Cooling: 50	Heating: 52	—
	Power Level dB		Cooling: 68	Heating: 69	—
Air Flow	m <sup>3</sup> /min (ft <sup>3</sup> /min)		Cooling: 93.3 (3290) Heating: 80.0 (2830)		
Refrigeration Control Device			Expansion Valve		
Refrigeration Oil	cm <sup>3</sup>		FV50S (1200)		
Refrigerant (R410A)	kg (oz)		2.55 (90.0)		
F-GAS	GWP		2088		
	CO <sub>2</sub> eq (ton) (Precharged / Maximum)		5.324 / 7.412		
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)		107 (236)		
Pipe Diameter	Liquid	mm (inch)	9.52 (3/8)		
	Gas	mm (inch)	15.88 (5/8)		
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)		50 (0.5)		
Refrigeration Charge Less	m (ft)		10 (32.8)		

Item		Unit	Outdoor Unit		
Compressor	Type		Hermetic Motor		
	Motor Type		Brushless (4-poles)		
	Rated Output	kW	4.50		
Fan	Type		Propeller Fan		
	Material		PP		
	Motor Type		DC (8-poles)		
	Input Power	W	—		
	Output Power	W	60		
	Fan Speed	rpm	Cooling: 600 (Top), 640 (Bottom) Heating: 510 (Top), 550 (Bottom)		
Heat Exchanger	Fin material		Aluminium (Pre Coat)		
	Fin Type		Corrugated Fin		
	Row × Stage × FPI		2 × 51 × 18		
	Size (W × H × L)	mm	903.7 × 1295.4 × 38.1		
Power Source (Phase, Voltage, Cycle)	ø		Three		
	V		400		
	Hz		50		
Input Power	Condition (Ambient/Water)		A35W7	A7W35	A2W35
	kW		Cooling: 3.51	Heating: 2.53	Heating: 3.31
Maximum Input Power For Heatpump System	kW		5.85		
Power Supply 1 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			3Ø / 8.8 / 5.85k		
Power Supply 2 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			3Ø / 13.0 / 9.00k		
Power Supply 3 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			— / — / —		
Starting Current	A		5.3		
Running Current	Condition (Ambient/Water)		A35W7	A7W35	A2W35
	A		Cooling: 5.3	Heating: 3.8	Heating: 5.0
Maximum Current For Heatpump System	A		8.8		
Power Factor Power factor means total figure of compressor and outdoor fan motor.	%		Cooling: 96	Heating: 96	Heating: 96
Power Cord	Number of core		—		
	Length	m (ft)	—		
Thermostat			Electronic Control		
Protection Device			Electronic Control		

Item		Unit	Indoor Unit		
Performance Test Condition			EN 14511		
Operation Range	Outdoor Ambient	°C	Cooling: 16 ~ 43 Heating: -20 ~ 35		
	Water Outlet	°C	Cooling: 5 ~ 20 Heating: 20 ~ 55		
Internal Pressure Differential		kPa	Cooling: 36 Heating: 52		
Noise Level	Condition (Ambient/Water)		A35W7	A7W35	A2W35
	dB (A)		Cooling: 33	Heating: 33	—
	Power Level dB		Cooling: 46	Heating: 46	—
Dimension	Height	mm (inch)	892 (35-1/8)		
	Width	mm (inch)	500 (19-11/16)		
	Depth	mm (inch)	340 (13-13/32)		
Net Weight		kg (lbs)	44 (97)		
Refrigerant Pipe Diameter	Liquid	mm (inch)	9.52 (3/8)		
	Gas	mm (inch)	15.88 (5/8)		
Water Pipe Diameter	Inlet	mm (inch)	28 (1-3/32)		
	Outlet	mm (inch)	28 (1-3/32)		
Water Drain Hose Inner Diameter		mm (inch)	15 (19/32)		
Pump	Motor Type		DC Motor		
	No. of Speed		7 (Software Selection)		
	Input Power	W	92		
Hot Water Coil	Type		Braze Plate		
	No. of Plates		36		
	Size (W × H × L)	mm	65 × 120 × 376		
	Water Flow Rate	l/min (m <sup>3</sup> /h)	Cooling: 28.7 (1.7) Heating: 34.4 (2.1)		
Pressure Relief Valve Water Circuit		kPa	Open: 300, Close: 266 and below		
Flow Switch			Electronic Sensor		
Protection Device		A	Residual Current Circuit Breaker (25)		
Expansion Vessel	Volume	l	10		
	MWP	bar	3		
Capacity of Integrated Electric Heater		kW	9.00		

**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.
- Specification are subjected to change without prior notice for further improvement.
- Flow rate indicated are based on nominal capacity adjustment of leaving water temperature (LWT) 35°C and  $\Delta T = 5^\circ\text{C}$ .

## EU Declaration of Conformity

Document Number: MRD-D17020-04

### Manufacturer

Name : Panasonic Corporation  
Address : 1006 Kadoma, Kadoma City, Osaka, Japan  
Factory Address 1 : Panasonic AVC Networks Czech, s.r.o.  
U Panasonicu 1, 320 84, Plzeň, Czech Republic  
Factory Address 2 : Panasonic Appliances Air-Conditioning Malaysia Sdn. Bhd.  
Lot 2, Persiaran Tengku Ampuan, Sec. 21, Shah Alam Industrial Site,  
Selangor, Malaysia.

### Object of Declaration

< A >

Product Name : Air-to-Water Heat Pump System  
Trade Name : Panasonic  
Model Number : WH-SDC09H3E8 / WH-UD09HE8; WH-SDC12H9E8 / WH-UD12HE8  
WH-SDC16H9E8 / WH-UD16HE8; WH-SXC09H3E8 / WH-UX09HE8  
WH-SXC12H9E8 / WH-UX12HE8; WH-SXC16H9E8 / WH-UX16HE8  
WH-SQC09H3E8 / WH-UQ09HE8; WH-SQC12H9E8 / WH-UQ12HE8  
WH-SQC16H9E8 / WH-UQ16HE8

### CE Requirements

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

Council Directive(s)	: 2014/35/EU 2014/30/EU 2011/65/EU 2009/125/EC	LVD EMC RoHS ErP	< B >
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Commission Regulation(s)	: (EU) No.813/2013 (EU) No.622/2012	Implementing measures for ErP Directive Implementing measures for ErP Directive
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Council Recommendation(s)	: 1999/519/EC	EMF
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Harmonized Standard(s) : < C >  
EN 60335-2-40:2003 +A11:2004 +A12:2005 +A1:2006 +A2:2009 + A13:2012; EN 62233:2008  
EN 60335-1: 2012 +A11:2014 +A13:2017; EN 61000-3-3:2013; EN 61000-3-11:2000  
EN 61000-3-2:2014; EN 55014-1:2017; EN 55014-2:2015; EN 50581:2012; EN 14511-2:2018  
EN 14511-3:2018; EN 12102-1:2017; EN 14825:2016; EN 16297-1:2012; EN 16297-3:2012

### Additional Information

< D >

Commission communication 2014/C 207/02 as per Commission Regulation (EU) No. 813/2013,  
(EU) No. 622/2012, amending regulation (EC) No 641/2009 (Integrated Pump, ErP)  
For RoHS, 2011/65/EU as amended by (EU)2015/863  
Last two digit year when CE marking has been affixed the first time: 19  
For translation refer to the attachment

02.07.2019  
Date of Issue / Signature

Takahiko Ao / Director  
Printed Name / Title

16. Juli 2019

Date of Issue / Signature

Niels Erdmann

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

## Translation Data of the DoC's statement for Enlarged EU

CEQAD

### **(English)**

The object of the declaration described above <A> is in conformity with the requirements of the following EU legislations <B> and harmonized standards <C> and other provided information if any <D>.

### **(German)**

Das oben beschriebene Objekt <A> entspricht den Anforderungen der nachfolgend aufgeführten EU-Richtlinien/ Verordnungen <B>, harmonisierten Standards <C> und, wenn aufgeführt, weiteren Angaben <D>.

### **(French)**

L'objet de la déclaration décrite ci-dessus <A> est conforme aux conditions stipulées dans les législations de l'Union européenne énoncées ci-après <B> et aux normes harmonisées <C>, et autres informations fournies le cas échéant <D>.

### **(Spanish)**

El objeto de la declaración mencionada anteriormente <A> es conforme a los requerimientos de las siguientes regulaciones CE <B> y estándares armonizados <C> y a otra información provista, si aplica <D>.

### **(Italian)**

L'oggetto <A> della dichiarazione sopra descritto è conforme ai requisiti delle seguenti legislazioni europee <B> e norme armonizzate <C> e alle informazioni fornite se presenti <D>.

### **(Swedish)**

Föremålet för den deklARATION som beskrivs ovan <A> är i överensstämmelse med kraven i nedan nämnda EU-lagstiftning <B> och harmoniserade standarder <C> samt eventuell övrig information <D>.

### **(Dutch)**

De inhoud van de verklaring hierboven <A> is conform de vereisten van de volgende EU wetgeving <B> en de geharmoniseerde standaarden <C> en desgevallend met andere geleverde informatie <D>.

### **(Norwegian)**

Gjenstand for erklæringen som beskrives ovenfor <A> er i overensstemmelse med kravene ifølge EU-lovene <B> og de harmoniserte normer <C> og eventuell annen informasjon om denne foreligger <D>.

### **(Finnish)**

Yllä mainitussa vaatimustenmukaisuusvakuutuksessa mainittu laite <A> täyttää EU-lainsäädäntöön sisältyvien seuraavien asetusten <B> sekä harmonisoitujen standardien <C> vaatimukset. Ja muiden annettujen tietojen, jos yhtään on annettu <D>.

### **(Danish)**

Genstanden for ovennævnte erklæring <A> er i overensstemmelse med kravene i følgende EU-lovgivning <B> og harmoniserede standarder <C> Samt andet givet information hvis tilgængeligt <D>.

### **(Portuguese)**

O objecto da declaração supra descrita <A> encontra-se em conformidade com os requisitos das legislações seguintes da UE <B> e das normas standard <C> e outras informações providenciadas se existentes <D>.

### **(Greek)**

Το αντικείμενο της παρούσας Δήλωσης, το οποίο περιγράφεται στο εδάφιο <A>, ανταποκρίνεται στις απαιτήσεις των ακόλουθων, στο εδάφιο <B> αναφερόμενων Οδηγιών της Ευρωπαϊκής Ένωσης και των εναρμονισμένων πρότυπων κανονισμών του εδαφίου <C>. παρέχονται και άλλες πληροφορίες εφόσον υπάρχουν <D>..

### **(Hungarian)**

A nyilatkozat fent említett tárgya <A> a következő EU rendeletek <B> és harmonizált szabványok <C> követelményeivel összhangban van. És egyéb tájékoztató jellegű információ, ha felmerül <D>.

**(Czech)**

Cíl výše uvedeného prohlášení <A> je v souladu s požadavky následujících legislativních ustanovení EU <B> a harmonizovanými normami <C> a další poskytnuté informace v případě <D>.

**(Polish)**

Przedmiot deklaracji opisany wyżej <A> jest zgodny z wymogami następujących przepisów prawnych UE <B> i zharmonizowanych norm <C> potrzebne informacje zostały przekazane <D>.

**(Slovene)**

Predmeti, opisani v deklaraciji zgoraj <A> ustrezajo zahtevam zakonodaje EU <B> in so v skladu s pristojnimi standardi <C>. in druge splošne informacije, v kolikor jih je <D>.

**(Slovak)**

Cieľ vyššie uvedeného prehlásenia <A> je v súlade s požiadavkami nasledujúcich legislatívnych ustanovení EÚ <B> a harmonizovanými normami <C> a ďalšie poskytnuté informácie keď dostupné <D>.

**(Estonian)**

Ülalkirjeldatud deklareeritav toode <A> vastab Euroopa Ühenduse määruste <B> ja ühtsete standardite <C> nõuetele. ja muu (sellega) seotud informatsioon <D>.

**(Latvian)**

Augstākminētās deklarācijas objekts <A> atbilst šādu ES likumdošanas aktu prasībām <B> un vienotajiem standartiem <C> un citu sniegto informāciju, ja kāda ir <D>.

**(Lithuanian)**

Aukščiau aprašytos deklaracijos objektas <A> atitinka šių Europos Sąjungos įstatymų reikalavimus <B> ir suderintus standartus <C> ir kita pateikta informacija jei yra <D>.

**(Bulgarian)**

Целта на горепосочената декларация <A> съответства на изискванията на следните законодателни актове на ЕС <B> и хармонизираните стандарти <C> и друга предоставена информация, при наличие на такава <D>.

**(Romanian)**

Obiectul declarației descris mai sus <A> este în conformitate cu cerințele următoarelor legislații UE <B> și standardele armonizate <C> și alte informații furnizate în cazul în care sunt <D>.

**(Turkey)**

Beyana tabi yukarıda yazılı <A> ürünler aşağıda belirtilen Avrupa Birliği <B> mevzuatlarına, standartlarına <C> ve diğer ek bilgilere <D> uygundur.

**(Croatian)**

Predmet gore navedene izjave <A> je sukladan sa zahtjevima pravnih propisa EU u nastavku <B> i harmoniziranih normi <C> i druge pružene informacije, ukoliko ih ima <D>.

## Product Ecodesign Information

Model No.: WH-SDC12H9E8 / WH-UD12HE8

Air-to-water heat pump [YES/NO]:	YES	Low-temperature heat pump [YES/NO]:	NO
Water-to-water heat pump [YES/NO]:	NO	Brine-to-water heat pump [YES/NO]:	NO
Equipped with a supplementary heater [YES/NO]:	YES		
Heat pump combination heater [YES/NO]:	NO		

Parameters shall be declared for medium-temperature application.

Parameters shall be declared for AVERAGE climate conditions:-

Item	Symb.	Value	Unit	Item	Symb.	Value	Unit
Rated heat output (*)	$P_{rated}$	8	kW	Seasonal space heating energy efficiency	$\eta_s$	134	%
Bivalent temperature	$T_{biv}$	-10	°C	Operation limit temperature	$TOL$	-10	°C
Degradation coefficient (**)	$C_{dh}$	0,9	—	Heating water operating limit temperature	$WTOL$	55	°C

Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature $T_j$				Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature $T_j$			
$T_j = -7$ °C	$P_{dh}$	7,2	kW	$T_j = -7$ °C	$COP_d$	2,27	—
$T_j = +2$ °C	$P_{dh}$	4,3	kW	$T_j = +2$ °C	$COP_d$	3,25	—
$T_j = +7$ °C	$P_{dh}$	4,9	kW	$T_j = +7$ °C	$COP_d$	4,36	—
$T_j = +12$ °C	$P_{dh}$	5,8	kW	$T_j = +12$ °C	$COP_d$	6,12	—
$T_j = T_{biv}$	$P_{dh}$	8,0	kW	$T_j = T_{biv}$	$COP_d$	2,05	—
$T_j = TOL$	$P_{dh}$	8,0	kW	$T_j = TOL$	$COP_d$	2,05	—
$T_j = -15$ °C (if $TOL < -20$ °C)	$P_{dh}$	—	kW	$T_j = -15$ °C (if $TOL < -20$ °C)	$COP_d$	—	—
Cycling interval capacity for heating	$P_{cyc}$	—	kW	Cycling interval efficiency	$COP_{cyc}$	—	—

Power consumption in modes other than active mode:				Other items: (◇) (□)			
Off mode	$P_{OFF}$	0,003	kW	Capacity control	Variable		
Thermostat-off mode	$P_{TO}$	0,012	kW	Sound power level, indoor (◇)	$L_{WA}$	46	dB
Standby mode	$P_{SB}$	0,012	kW	Sound power level, outdoor (◇)	$L_{WA}$	65	dB
Crankcase heater mode	$P_{CK}$	0,039	kW	Sound power level, indoor (□)	$L_{WA}$	46	dB
Supplementary heater	$P_{sup}$	9,0	kW	Sound power level, outdoor (□)	$L_{WA}$	69	dB
Rated heat output (*)	ELECTRICAL HEATER			Annual energy consumption	$Q_{HE}$	4840	kWh
Type of energy input				Rated air flow rate, outdoor	—	4800	m <sup>3</sup> /h
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—	—	m <sup>3</sup> /h	Emissions of nitrogen oxides	$NO_x$	—	mg/kWh

For heat pump combination heater:

Declared load profile	—			Water heating energy efficiency	$\eta_{wh}$	—	%
Daily electricity consumption	$Q_{elec}$	—	kWh	Daily fuel consumption	$Q_{fuel}$	—	kWh

Contact details for obtaining more information: (Name and address of the manufacturer or of its authorized representative.)  
Panasonic Testing Centre, Panasonic Marketing Europe GmbH  
Winsbergring 15, 22525 Hamburg, Germany

REMARK:

- You can find information and precautions relevant for installation and maintenance in the Operation Instructions.
  - You can find information relevant for recycling and/or disposal at end-of-life in the Operation Instructions.
- (\*) For heat pump space heaters and heat pump combination heaters, the rated heat output  $P_{rated}$  is equal to the design load for heating  $P_{designh}$ , and the rated heat output of a supplementary heater  $P_{sup}$  is equal to the supplementary capacity for heating  $sup(T_j)$ .
- (\*\*) If  $C_{dh}$  is not determined by measurement, then the default degradation coefficient is  $C_{dh} = 0,9$ .
- (◇) Nominal A-Weighted Sound Power Level ( $L_{WA}$ ), according to regulation 811/2013, 813/2013 and standard EN14825 at A7(6), in dB (A).
- (□) Maximum A-Weighted Sound Power Level ( $L_{WA}$ ), according to EN12102-1 at A7(6) W55(47), in dB (A).

ACXF70-12451



## Ürün Eko-tasarım Bilgisi

Model No.: WH-SDC12H9E8 / WH-UD12HE8

Havadan Suya Isı Pompası [EVET/HAYIR]:	EVET	Tuzlu sudan suya ısı pompası [EVET/HAYIR]:	HAYIR
Sudan suya ısı pompası [EVET/HAYIR]:	HAYIR	Düşük sıcaklık ısı pompası [EVET/HAYIR]:	HAYIR
Ek ısıtıcısı var mı? [EVET/HAYIR]:	EVET		
Isı pompası kombine ısıtıcı [EVET/HAYIR]:	HAYIR		

Orta sıcaklık uygulaması için parametreler bildirilecektir.

Parametreler ORTALAMA iklim şartları için verilir.

Madde	Sembol	Değer	Birim	Madde	Sembol	Değer	Birim
Nominal ısı güç (*)	$P_{rated}$	8	kW	Mevsimsel mahal ısıtma verimliliği	$\eta_s$	134	%
Bivalent sıcaklık	$T_{biv}$	-10	°C	Çalışma limit sıcaklığı	$TOL$	-10	°C
Bozulma Katsayısı (**)	$C_{dh}$	0,9	—	Isıtma suyu için çalışma limit sıcaklığı	$WTOL$	55	°C

İç ortam sıcaklığı 20 °C ve dış ortam sıcaklığı $T_j$ iken kısmi yük için beyan edilen ısıtma kapasitesi				İç ortam sıcaklığı 20 °C ve dış ortam sıcaklığı $T_j$ iken kısmi yük için beyan edilen performans katsayısı			
$T_j = -7$ °C	$P_{dh}$	7,2	kW	$T_j = -7$ °C	$COP_d$	2,27	—
$T_j = +2$ °C	$P_{dh}$	4,3	kW	$T_j = +2$ °C	$COP_d$	3,25	—
$T_j = +7$ °C	$P_{dh}$	4,9	kW	$T_j = +7$ °C	$COP_d$	4,36	—
$T_j = +12$ °C	$P_{dh}$	5,8	kW	$T_j = +12$ °C	$COP_d$	6,12	—
$T_j = T_{biv}$	$P_{dh}$	8,0	kW	$T_j = T_{biv}$	$COP_d$	2,05	—
$T_j = TOL$	$P_{dh}$	8,0	kW	$T_j = TOL$	$COP_d$	2,05	—
$T_j = -15$ °C (if $TOL < -20$ °C)	$P_{dh}$	—	kW	$T_j = -15$ °C (if $TOL < -20$ °C)	$COP_d$	—	—
Isıtma için çevrim aralığı kapasitesi	$P_{cyc}$	—	kW	Çevrim aralığı verimi	$COP_{cyc}$	—	—

Aktif konum dışında diğer çalışma konumlarında güç tüketimi :				Diğer maddeler : (◊) (□)			
Off konumu	$P_{OFF}$	0,003	kW	Kapasite Kontrol	Değişken		
Termostat-off konumu	$P_{TO}$	0,012	kW	Ses gücü seviyesi, İç ortam (◊)	$L_{WA}$	46	dB
Hazırda bekleme konumu	$P_{SB}$	0,012	kW	Ses gücü seviyesi, Dış ortam (◊)	$L_{WA}$	65	dB
Karter ısıtıcısı konumu	$P_{CK}$	0,039	kW	Ses gücü seviyesi, İç ortam (□)	$L_{WA}$	46	dB
Ek ısıtıcı	$P_{sup}$	9,0	kW	Ses gücü seviyesi, Dış ortam (□)	$L_{WA}$	69	dB
Nominal ısı güç (*)	ELEKTRİKLİ ISITICI			Yıllık enerji tüketimi	$Q_{HE}$	4840	kWh
Kullanılan enerji tipi				Nominal hava akış oranı, dış ortam	—	4800	m <sup>3</sup> /h
Tuzlu sudan suya ısı pompası için :	—	—	m <sup>3</sup> /h	Nitrojen oksit emisyonları	$NO_x$	—	mg/kWh
Tuzlu su veya su akış oranı dış ünite ısı değiştiricisi							

Isı pompası kombine ısıtıcı için:

Beyan edilen yük profili	—			Su ısıtma enerji verimi	$\eta_{wh}$	—	%
Günlük enerji tüketimi	$Q_{elec}$	—	kWh	Günlük yakıt tüketimi	$Q_{fuel}$	—	kWh

Daha detaylı bilgi için :

(İmalatçının veya yetkili temsilcinin adı ve adresi)  
Panasonic Testing Centre, Panasonic Marketing Europe GmbH  
Winsbergring 15, 22525 Hamburg, Germany

NOTLAR:

- Kullanım talimatlarında kurulum ve bakım için ilgili bilgi ve önlemleri bulabilirsiniz.
  - Kullanım talimatlarında kullanım ömrü sonunda geri dönüşüm ve/veya imha etme için ilgili bilgiyi bulabilirsiniz.
- (\*) Isı pompası mahal ısıtıcılar için, nominal ısı güç  $P_{rated}$  ısıtma için tasarımm yüküne  $P_{designh}$  eşittir ve bir ek ısıtıcının maksimum ısıtma gücü  $P_{sup}$  ısıtma için ek kapasiteye eşittir  $sup(T_j)$ .
- (\*\*) Eğer  $C_{dh}$  ölçümleme ile belirlenmemişse budurumda varsayılan bozulma katsayısı  $C_{dh} = 0,9$  dur.
- (◊) Nominal A-Ağırlıklı Ses Gücü Seviyesi ( $L_{WA}$ ), dB (A), A7(6)'de 811/2013, 813/2013 yönetmelikleri ve EN14825 standardına uygun.
- (□) Maksimum A-Ağırlıklı Ses Gücü Seviyesi ( $L_{WA}$ ), dB (A), A7(6) W55(47)'de EN12102-1 standardına uygun.

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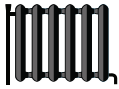


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**Panasonic**

**WH-SDC12H9E8 / WH-UD12HE8**



55 °C

35 °C



**A<sup>++</sup>**

**A<sup>+++</sup>**

**46 dB**

**65 dB**

2019

■ 9	■ 11
■ 8	■ 10
■ 9	■ 11
kW	kW

811/2013

ACXF86-05151