



Nyilatkozat igényjellegű, 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-ADC0309J3E5 + WH-UD09J5E		
Hőszivattyú						
névleges villamos teljesítménye (kW): 2.01		fűtési teljesítménye (kW): 9		jósági tényezője (SCOP értéke): 4.9		
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.): 2949				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 használok 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 találhatja meg.

3.4 WH-ADC0309J3E5 WH-UD09JE5

Item		Unit	Outdoor Unit		
Performance Test Condition			EN 14511		
			EN 14825		
Cooling Capacity	Condition (Ambient/Water)		A35W7		
	kW		7.60		
	BTU/h		25900		
	kcal/h		6540		
Cooling EER	W/W		2.90		
	kcal/hW		2.50		
Heating Capacity	Condition (Ambient/Water)		A7W35	A2W35	
	kW		9.00	7.00	
	BTU/h		30700	23900	
	kcal/h		7740	6020	
Heating COP	W/W		4.48	3.40	
	kcal/hW		3.85	2.92	
Heating Erp	Low Temperature Application (W35)		Warmer	Average	Colder
	Application	Climate			
	Pdesign	kW	7.0	7.0	7.0
	Tbivalent/TOL	°C	2 / 2	-10 / -10	-15 / -22
	SCOP/ns	(W/W)/%	5.75 / 227	4.90 / 193	4.18 / 164
	Annual Consumption	kWh	1627	2949	4132
	Class		A++	A++	A++
	Medium Temperature Application (W55)		Warmer	Average	Colder
	Application	Climate			
	Pdesign	kW	6.0	7.0	6.0
	Tbivalent/TOL	°C	2 / 2	-7 / -10	-15 / -22
	SCOP/ns	(W/W)/%	4.07 / 160	3.32 / 130	2.98 / 116
	Annual Consumption	kWh	1971	4354	4967
	Class		A++	A++	A+
	DHW		Warmer	Average	Colder
	Application	Climate			
	COP/nwh	(W/W)/%	3.50 / 140	3.00 / 120	2.47 / 99
	AEC	kWh	714	833	1013
Noise Level	Condition (Ambient/Water)		A35W7	A7W35	A2W35
	dB (A)		Cooling: 50***	Heating: 51***	—
	Power Level dB		Cooling: 68***	Heating: 69*** Heating: 59****	—
Air Flow	m³/min (ft³/min)		Cooling: 55.0 (1942) Heating: 53.4 (1885)		
Refrigeration Control Device			Expansion Valve		
Refrigeration Oil	cm³		FW50S (900)		
Refrigerant	kg (oz)		R32, 1.27 (44.8) (Pre-charged) R32, 2.27 (80.1) (Maximum)		
F-GAS	GWP		675		
	CO ₂ eq (ton) (Precharged/Maximum)		0.857 / 1.532		
Dimension	Height	mm (inch)	795 (31-5/16)		
	Width	mm (inch)	875 (34-15/32)		
	Depth	mm (inch)	320 (12-5/8)		
Net Weight	kg (lbs)		61 (135)		

Item		Unit	Outdoor Unit		
Pipe Diameter	Liquid	mm (inch)	6.35 (1/4)		
	Gas	mm (inch)	15.88 (5/8)		
Standard Length		m (ft)	7 (23.0)		
Pipe Length Range		m (ft)	3 (9.8) ~ 50 (164.0)		
I/D & O/D Height Difference		m (ft)	30 (98.4)		
Additional Gas Amount		g/m (oz/ft)	25 (0.3)		
Refrigeration Charge Less		m (ft)	10 (32.8)		
Compressor	Type		Hermetic Motor		
	Motor Type		Brushless (4-poles)		
	Rated Output	kW	1.70		
Fan	Type		Propeller Fan		
	Material		PP		
	Motor Type		DC (8-poles)		
	Input Power	W	—		
	Output Power	W	60		
	Fan Speed	rpm	Cooling: 700 Heating: 680		
Heat Exchanger	Fin material		Aluminium (Pre Coat)		
	Fin Type		Corrugated Fin		
	Row × Stage × FPI		2 × 30 × 19		
	Size (W × H × L)	mm	38.1 × 762.0 × 865.8 : 895.8		
Power Source (Phase, Voltage, Cycle)		Ø	Single		
		V	230		
		Hz	50		
Input Power		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		kW	Cooling: 2.62	Heating: 2.01	Heating: 2.06
Maximum Input Power For Heatpump System		kW	3.47		
Power Supply 1 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			1Ø / 15.9 / 3.47k		
Power Supply 2 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			1Ø / 13.0 / 3.00k		
Power Supply 3 : Phase (Ø) / Max. Current (A) / Max. Input Power (W)			— / — / —		
Starting Current		A	9.2		
Running Current		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		A	Cooling: 11.6	Heating: 9.2	Heating: 9.4
Maximum Current For Heatpump System		A	15.9		
Power Factor Power factor means total figure of compressor and outdoor fan motor.		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		%	Cooling: 98	Heating: 95	Heating: 95
Power Cord	Number of core		-		
	Length	m (ft)	-		
Thermostat			Electronic Control		
Protection Device			Electronic Control		

Item		Unit	Indoor Unit		
Performance Test Condition			EN 14511		
			EN 14825		
Operation Range	Outdoor Ambient	°C (min./max.)	Cooling: 10 / 43 Heating: -20 / 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: 20.0 Heating: 26.0		
Noise Level		Condition (Ambient/Water)	A35W7	A7W35	A2W35
		dB (A)	Cooling: 28***	Heating: 28***	—
		Power Level dB	Cooling: 41***	Heating: 41***	—
Dimension	Depth	mm (inch)	717 (28-7/32)		
	Width	mm (inch)	598 (23-17/32)		
	Height	mm (inch)	1800 (70-27/32)		
Net Weight		kg (lbs)	122 (269)		
Refrigerant Pipe Diameter	Liquid	mm (inch)	6.35 (1/4)		
	Gas	mm (inch)	15.88 (5/8)		
Water Pipe Diameter	Room	mm (inch)	31 (1-1/4)		
	Shower	mm (inch)	19 (3/4)		
Water Drain Hose Inner Diameter		mm (inch)	12.00 (17/36)		
Pump	Motor Type		DC Motor		
	Input Power	W	42		
Hot Water Coil	Type		Brazed Plate		
	No. of Plates		36		
	Size (W x H x L)	mm	68 × 333 × 121		
	Water Flow Rate	l/min (m³/h)	Cooling: 21.8 (1.3) Heating: 25.8 (1.5)		
Pressure Relief Valve Water Circuit		kPa	Open: 300, Close: 210 and below		
Flow Switch	Type		VWX20 [Electronic pulse]		
	Measuring range	l/min	5 ~ 60		
Pressure Release Valve		kPa	Open: 800, Close: 640 and below		
Protection Device		A	Earth Leakage Circuit Breaker (30 ~ 40)		
Expansion Vessel	Volume	l	10		
	MWP	bar	3		
Capacity of Integrated Electric Heater / OLP TEMP		kW / °C	3.00 / 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	8.0		
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

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.
- *** The sound pressure and sound power 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 conditions of the EN14825.

Model No.:									
WH-ADC0309J3E5 / WH-UD05JE5									
WH-ADC0309J3E5B / WH-UD05JE5									
WH-ADC0309J3E5UK / WH-UD05JE5									
WH-ADC0309J3E5AN / WH-UD05JE5									
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]:					YES				
The references for harmonized standard applied:									
<div><div><input checked="" type="checkbox"/></div>CRD 811/2013, CRD 813/2013, OJ 2014/C 207/02</div>									
<div><div><input type="checkbox"/></div>CRD 812/2013, CRD 814/2013, OJ 2014/C 207/03</div>									
<div><div><input checked="" type="checkbox"/></div>EN 12102-1:2017, EN 14825:2016, EN 14511-2/EN 14511-3</div>									
<div><div><input checked="" type="checkbox"/></div>EN 16147:2017, EN 12897:2016</div>									
for Heat Pump Space Heater					Parameters for Low-Temperature & Medium-Temperature				
Item	Symb.	Value	Unit	-	Item	Symb.	Value	Unit	
Parameters (AVERAGE / Medium-Temperature) climate conditions:-									
Rated heat output (*)	P_{rated}	4	kW	-	Seasonal space heating energy efficiency	η_s	136	%	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j				C_{dh} (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T_j				
$T_j = -7\text{ °C}$	P_{dh}	3.4	kW	0.99	$T_j = -7\text{ °C}$	COP_d	1.93	—	
$T_j = +2\text{ °C}$	P_{dh}	2.1	kW	0.96	$T_j = +2\text{ °C}$	COP_d	3.48	—	
$T_j = +7\text{ °C}$	P_{dh}	1.4	kW	0.91	$T_j = +7\text{ °C}$	COP_d	4.60	—	
$T_j = +12\text{ °C}$	P_{dh}	1.5	kW	0.88	$T_j = +12\text{ °C}$	COP_d	6.90	—	
$T_j = T_{biv}$	P_{dh}	3.8	kW	0.90	$T_j = T_{biv}$	COP_d	1.55	—	
$T_j = TOL$	P_{dh}	3.8	kW	0.90	$T_j = TOL$	COP_d	1.55	—	
Bivalent temperature	T_{biv}	-10	°C	-	Operation limit temperature	TOL	-10	°C	
Cycling interval capacity for heating	P_{cyc}	—	kW	-	Cycling interval efficiency	COP_{cyc}	—	—	
Rated Seasonal COP of Space Heating	$SCOP$	3.47	-	-	Annual energy consumption	Q_{HE}	2385	kWh	
Parameters (WARMER / Medium-Temperature) climate conditions:-									
Rated heat output (*)	P_{rated}	4	kW	-	Seasonal space heating energy efficiency	η_s	165	%	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j				C_{dh} (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T_j				
$T_j = +2\text{ °C}$	P_{dh}	3.9	kW	0.99	$T_j = +2\text{ °C}$	COP_d	1.80	—	
$T_j = +7\text{ °C}$	P_{dh}	2.5	kW	0.96	$T_j = +7\text{ °C}$	COP_d	3.55	—	
$T_j = +12\text{ °C}$	P_{dh}	1.4	kW	0.89	$T_j = +12\text{ °C}$	COP_d	6.00	—	
$T_j = T_{biv}$	P_{dh}	3.9	kW	0.90	$T_j = T_{biv}$	COP_d	1.80	—	
$T_j = TOL$	P_{dh}	3.9	kW	0.90	$T_j = TOL$	COP_d	1.80	—	
Bivalent temperature	T_{biv}	2	°C	-	Operation limit temperature	TOL	2	°C	
Cycling interval capacity for heating	P_{cyc}	—	kW	-	Cycling interval efficiency	COP_{cyc}	—	—	
Rated Seasonal COP of Space Heating	$SCOP$	4.20	-	-	Annual energy consumption	Q_{HE}	1274	kWh	
Parameters (COLDER / Medium-Temperature) climate conditions:-									
Rated heat output (*)	P_{rated}	2	kW	-	Seasonal space heating energy efficiency	η_s	110	%	
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j				C_{dh} (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T_j				
$T_j = -7\text{ °C}$	P_{dh}	1.2	kW	0.95	$T_j = -7\text{ °C}$	COP_d	2.16	—	
$T_j = +2\text{ °C}$	P_{dh}	1.4	kW	0.93	$T_j = +2\text{ °C}$	COP_d	3.80	—	
$T_j = +7\text{ °C}$	P_{dh}	1.2	kW	0.89	$T_j = +7\text{ °C}$	COP_d	5.05	—	
$T_j = +12\text{ °C}$	P_{dh}	1.5	kW	0.87	$T_j = +12\text{ °C}$	COP_d	7.60	—	

T j = T biv	<i>P_{dh}</i>	1.8	kW	0.90	T j = T biv	<i>COP_d</i>	1.36	—
T j = TOL	<i>P_{dh}</i>	2.0	kW	0.90	T j = TOL	<i>COP_d</i>	1.05	—
T j = - 15 °C	<i>P_{dh}</i>	1.7	kW	0.97	T j = - 15 °C	<i>COP_d</i>	1.76	—
Bivalent temperature	<i>T_{biv}</i>	-20	°C	-	Operation limit temperature	<i>TOL</i>	-22	°C
Cycling interval capacity for heating	<i>P_{cyc}</i>	—	kW	-	Cycling interval efficiency	<i>COP_{cyc}</i>	—	—
Rated Seasonal COP of Space Heating	<i>SCOP</i>	2.83	-	-	Annual energy consumption	<i>Q_{HE}</i>	1740	kWh
Parameters (AVERAGE / Low-Temperature) climate conditions:-								
Rated heat output (*)	<i>P_{rated}</i>	5	kW	-	Seasonal space heating energy efficiency	<i>η_s</i>	200	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j				<i>C_{dh}</i> (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T j			
T j = - 7 °C	<i>P_{dh}</i>	4.2	kW	0.98	T j = - 7 °C	<i>COP_d</i>	2.66	—
T j = + 2 °C	<i>P_{dh}</i>	2.5	kW	0.95	T j = + 2 °C	<i>COP_d</i>	5.15	—
T j = + 7 °C	<i>P_{dh}</i>	1.7	kW	0.89	T j = + 7 °C	<i>COP_d</i>	6.95	—
T j = + 12 °C	<i>P_{dh}</i>	1.6	kW	0.85	T j = + 12 °C	<i>COP_d</i>	9.45	—
T j = T biv	<i>P_{dh}</i>	4.7	kW	0.90	T j = T biv	<i>COP_d</i>	2.50	—
T j = TOL	<i>P_{dh}</i>	4.7	kW	0.90	T j = TOL	<i>COP_d</i>	2.50	—
Bivalent temperature	<i>T_{biv}</i>	-10	°C	-	Operation limit temperature	<i>TOL</i>	-10	°C
Cycling interval capacity for heating	<i>P_{cyc}</i>	—	kW	-	Cycling interval efficiency	<i>COP_{cyc}</i>	—	—
Rated Seasonal COP of Space Heating	<i>SCOP</i>	5.07	-	-	Annual energy consumption	<i>Q_{HE}</i>	2038	kWh
Parameters (WARMER / Low-Temperature) climate conditions:-								
Rated heat output (*)	<i>P_{rated}</i>	4	kW	-	Seasonal space heating energy efficiency	<i>η_s</i>	245	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j				<i>C_{dh}</i> (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T j			
T j = + 2 °C	<i>P_{dh}</i>	4.0	kW	0.98	T j = + 2 °C	<i>COP_d</i>	3.15	—
T j = + 7 °C	<i>P_{dh}</i>	2.6	kW	0.94	T j = + 7 °C	<i>COP_d</i>	5.61	—
T j = + 12 °C	<i>P_{dh}</i>	1.5	kW	0.86	T j = + 12 °C	<i>COP_d</i>	8.35	—
T j = T biv	<i>P_{dh}</i>	4.0	kW	0.90	T j = T biv	<i>COP_d</i>	3.15	—
T j = TOL	<i>P_{dh}</i>	4.0	kW	0.90	T j = TOL	<i>COP_d</i>	3.15	—
Bivalent temperature	<i>T_{biv}</i>	2	°C	-	Operation limit temperature	<i>TOL</i>	2	°C
Cycling interval capacity for heating	<i>P_{cyc}</i>	—	kW	-	Cycling interval efficiency	<i>COP_{cyc}</i>	—	—
Rated Seasonal COP of Space Heating	<i>SCOP</i>	6.2	-	-	Annual energy consumption	<i>Q_{HE}</i>	862	kWh
Parameters (COLDER / Low-Temperature) climate conditions:-								
Rated heat output (*)	<i>P_{rated}</i>	3	kW	-	Seasonal space heating energy efficiency	<i>η_s</i>	157	%
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j				<i>C_{dh}</i> (**)	Declared coefficient of performance for part load at indoor temperature 20 °C and outdoor temperature T j			
T j = - 7 °C	<i>P_{dh}</i>	1.8	kW	0.95	T j = - 7 °C	<i>COP_d</i>	3.26	—
T j = + 2 °C	<i>P_{dh}</i>	1.8	kW	0.92	T j = + 2 °C	<i>COP_d</i>	5.17	—
T j = + 7 °C	<i>P_{dh}</i>	1.3	kW	0.86	T j = + 7 °C	<i>COP_d</i>	7.00	—
T j = + 12 °C	<i>P_{dh}</i>	1.6	kW	0.85	T j = + 12 °C	<i>COP_d</i>	9.00	—
T j = T biv	<i>P_{dh}</i>	2.8	kW	0.90	T j = T biv	<i>COP_d</i>	1.80	—
T j = TOL	<i>P_{dh}</i>	2.0	kW	0.90	T j = TOL	<i>COP_d</i>	1.81	—
T j = - 15 °C	<i>P_{dh}</i>	2.4	kW	0.98	T j = - 15 °C	<i>COP_d</i>	2.29	—
Bivalent temperature	<i>T_{biv}</i>	-20	°C	-	Operation limit temperature	<i>TOL</i>	-22	°C
Cycling interval capacity for heating	<i>P_{cyc}</i>	—	kW	-	Cycling interval efficiency	<i>COP_{cyc}</i>	—	—
Rated Seasonal COP of Space Heating	<i>SCOP</i>	4	-	-	Annual energy consumption	<i>Q_{HE}</i>	1848	kWh

Power consumption in modes other than active mode:				Other items: (◇) (□)			
Off mode	P_{OFF}	0.002	kW	Heating water operating	WTOL	55	°C
Thermostat-off mode	P_{TO}	0.026	kW	limit temperature			
Standby mode	P_{SB}	0.008	kW	Capacity control	Variable		
Crankcase heater mode	P_{CK}	0.008	kW	Sound power level, indoor (◇)	L_{WA}	41	dB
Supplementary heater				Sound power level, outdoor (◇)	L_{WA}	55	dB
Rated heat output (*)	P_{sup}	3.0	kW	Sound power level, indoor (□)	L_{WA}	41	dB
Type of energy input	230V 1Ø 50Hz			Sound power level, outdoor (□)	L_{WA}	64	dB
				Rated air flow rate, outdoor	—	1908	m ³ /h
For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger	—	—	m ³ /h	Emissions of nitrogen oxides	NO_x	—	mg/kWh
For heat pump combination heater:				Declared load profile		L	
Parameters (AVERAGE/MEDIUM TEMPERATURE) climate conditions:-							
Water heating energy efficiency	η_{wh}	132 A+	%	Standing Heat Loss	—	1350	W
Daily electricity consumption	Q_{elec}	3.528	kWh	Daily fuel consumption	Q_{fuel}	—	kWh
Annual electricity consumption	AEC	760	kWh	Annual fuel consumption	AFC	—	GJ
Parameters (WARMER/MEDIUM TEMPERATURE) climate conditions:-							
Water heating energy efficiency	η_{wh}	155 A++	%	Standing Heat Loss	—	1350	W
Daily electricity consumption	Q_{elec}	2.974	kWh	Daily fuel consumption	Q_{fuel}	—	kWh
Annual electricity consumption	AEC	640	kWh	Annual fuel consumption	AFC	—	GJ
Parameters (COLDER/MEDIUM TEMPERATURE) climate conditions:-							
Water heating energy efficiency	η_{wh}	99 A	%	Standing Heat Loss	—	1350	W
Daily electricity consumption	Q_{elec}	4.598	kWh	Daily fuel consumption	Q_{fuel}	—	kWh
Annual electricity consumption	AEC	994	kWh	Annual fuel consumption	AFC	—	GJ
Contact details for obtaining more information: (the name and address of the supplier)	(Name and address of the manufacturer or of its authorized representative.) Panasonic Marketing Europe GmbH Hagenauer Strasse 43, 65203 Wiesbaden, Germany						
Other technical standards and specifications used (if applicable): N/A							
REMARK:							
<ul style="list-style-type: none"> You can find information and precautions relevant for installation and maintenance in the instruction manuals. You can find information relevant for disposal at end-of-life in the instruction manual. 							
(*) 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 (LWA), according to regulation 811/2013, 813/2013 and standard EN14825 at A7(6), in dB (A).							
(□) Maximum A-Weighted Sound Power Level (LWA), according to EN12102-1 at A7(6) W55(47), in dB (A).							
Test report registration No.							
<ul style="list-style-type: none"> 18A2W-DHW-0002 ERP-P2018-00002 19A2W-DHW-0003 							
Approved and signed by:  Name: Kamoda Hirokazu Title: Deputy Director Company Name: Panasonic Appliances Air-Conditioning R&D Malaysia Sdn. Bhd. (on behalf of factory) Panasonic Appliances Air-Conditioning Malaysia Sdn. Bhd.							

EU Declaration of Conformity

Document Number: MRD-D18027-03

Manufacturer

Name : Panasonic Corporation
Address : 1006 Kadoma, Kadoma City, Osaka, Japan
Factory Address : Panasonic AVC Networks Czech, s.r.o.
U Panasonicu 1, 320 84, Plzeň, Czech Republic

Object of Declaration

< A >

Product Name : Air-to-Water Heat Pump System (Air-to-Water Hydromodule + Tank)
(Indoor Unit)
Trade Name : Panasonic
Model Number : WH-ADC0309J3E5; WH-ADC0309J3E5UK; WH-ADC0309J3E5B; WH-ADC0309J3E5AN

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 EN 62233:2008; EN 60335-2-21:2003 +A1:2005 +A2:2008; EN 61000-3-11:2000 EN 61000-3-3:2013; EN 61000-3-2:2014; EN 55014-1:2017; EN 55014-2:2015 EN IEC 63000:2018; EN 14511-2:2018; EN 14511-3:2018; EN 12102-1:2017 EN 14825:2016; EN 16147:2017; EN 12897:2016; EN 16297-1:2012 EN 16297-3:2012		< C >

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).
Besides the stipulated harmonised standards, the conformity with the essential requirements is demonstrated the Risk Assessment and Standard, E DIN IEC 60335-2-40:2018-05 (VDE 0700-40:2018-05).
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
Remark: For translation refer to the attachment

26.11.2021

Date of Issue / Signature

Hirokazu Kamoda / Director

Printed Name / Title

30.11.2021



Date of Issue / Signature

Niels Erdmann

Authorised Representative

- Authorised Representative -
Panasonic Marketing Europe GmbH, Panasonic Testing Centre
Winsberggring 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 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 , 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 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 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 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 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 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 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 asetuksien 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 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 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 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 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 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 i zharmonizowanych norm <C> potrzebne informacje zostały przekazane <D>.

(Slovene)

Predmeti, opisani v deklaraciji zgoraj <A> ustrezajo zahtevam zakonodaje EU 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 a harmonizovanými normami <C> a ďalšie poskytnuté informácie keď dostupné <D>.

(Estonian)

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

(Latvian)

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

(Lithuanian)

Aukščiau aprašytos deklaracijos objektas <A> atitinka šių Europos Sąjungos įstatymų reikalavimus 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 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 și standardele armonizate <C> și alte informații furnizate în cazul în care sunt <D>.

(Turkish)

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

(Croatian)

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

(Albanian)

Objekti i deklaratës së përshkruar më sipër <A> është në përputhje me kërkesat e legjislacionit vijues të BE-së dhe standardeve të harmonizuara <C> dhe informacioneve të tjera të dhëna nëse ka <D>.

(Macedonian)

Предметот на декларацијата опишан погоре <A> е во согласност со барањата на следните законодавства на ЕУ и хармонизираните стандарти <C> и други обезбедени информации доколку ги има <D>.

(Serbian)

Предмет горе описане декларације <A> је у складу са захтевима следећих закона ЕУ и хармонизованих стандарда <C> и другим датим информацијама ако их има <D>.



ENERG

енергия · ενεργεια



Panasonic

WH-ADC0309J3E5/WH-UD09JE5



A+++

A++

A+

A

B

C

D

A++



A+

A

B

C

D

E

F

A+



41 dB



59 dB



6 kW

7 kW

6 kW

2019

811/2013