

	This information has generated by the				
Summary of	Aquarea Split 7 kW STD (J Series)	Reg. No.	011-1W0208		
Certificate Holder		-	-		
Name	Panasonic Marketing Europe GmbH				
Address	Hagenauer Strasse 43, Wiesbaden	Hagenauer Strasse 43, Wiesbaden Zip 65203			
City	Wiesbaden	Country	Germany		
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH				
Subtype title	Aquarea Split 7 kW STD (J Series)				
Heat Pump Type	Outdoor Air/Water				
Refrigerant	R32				
Mass Of Refrigerant	1.27 kg				
Certification Date	08.01.2020				
Testing basis	HP KEYMARK certification scheme rules V7				

Model: WH-ADC0309J3E5 / WH-UD07JE5

General Data	
Power supply 1x230V 50Hz	

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %
Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.30 kW	6.30 kW
COP Tj = -7°C	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
$COPTj = +2^{\circ}C$	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COP Tj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	59 dB(A)	59 dB(A)	

Heating



EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.00 kW	7.00 kW	
El input	1.47 kW	2.48 kW	
СОР	4.76	2.82	

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Domestic Hot Water (DHW)



EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	3.00	
Heating up time	1:22 h:min	
Standby power input	31.0 W	
Reference hot water temperature	52.3 °C	
Mixed water at 40°C	234	



Model: WH-ADC0309J3E5B / WH-UD07JE5

General Data	
Power supply 1x230V 50Hz	

Heating

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.00 kW	7.00 kW	
El input	1.47 kW	2.48 kW	
СОР	4.76	2.82	

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_s	193 %	130 %

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	5.30 kW	6.30 kW
$COP Tj = -7^{\circ}C$	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
COP Tj = +2°C	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COP Tj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW
COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C





Poff	2 W	2 W
РТО	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

Domestic Hot Water (DHW)



EN 16147	
Declared load profile	L
Efficiency ηDHW	120 %
СОР	3.00
Heating up time	1:22 h:min
Standby power input	31.0 W
Reference hot water temperature	52.3 °C
Mixed water at 40°C	234



Model: WH-ADC0309J3E5AN / WH-UD07JE5

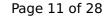
General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-4	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

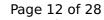
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.00 kW	7.00 kW
El input	1.47 kW	2.48 kW
СОР	4.76	2.82

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %





Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	5.30 kW	6.30 kW
$COP Tj = -7^{\circ}C$	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
COP Tj = +2°C	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COP Tj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW
COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C

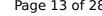




Poff	2 W	2 W
PTO	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

Domestic Hot Water (DHW)





 $$\operatorname{\textit{Page}}\ 13$$ of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

EN 16147	
Declared load profile	L
Efficiency ηDHW	120 %
СОР	3.00
Heating up time	1:22 h:min
Standby power input	31.0 W
Reference hot water temperature	52.3 °C
Mixed water at 40°C	234

Model: WH-ADC0309J3E5UK / WH-UD07JE5

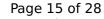
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

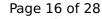
EN 14511-2			
Low temperature Medium temperature			
Heat output	7.00 kW	7.00 kW	
El input	1.47 kW	2.48 kW	
СОР	4.76	2.82	

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %
	-	





Prated	6.00 kW	7.00 kW
11464	0.00 KW	
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.30 kW	6.30 kW
COP Tj = -7°C	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
COP Tj = +2°C	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COPTj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW
COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C

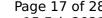




Poff	2 W	2 W
PTO	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	59 dB(A)	59 dB(A)	

Domestic Hot Water (DHW)





 $$\operatorname{\textit{Page}}\ 17$$ of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

EN 16147		
Declared load profile	L	
Efficiency ηDHW	120 %	
СОР	3.00	
Heating up time	1:22 h:min	
Standby power input	31.0 W	
Reference hot water temperature	52.3 °C	
Mixed water at 40°C	234	



Model: WH-SDC0709J3E5 / WH-UD07JE5

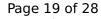
General Data		
Power supply 1x230V 50Hz		

Heating

EN 14511-4		
Chutting off the heat transfer medium flow	naccad	
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

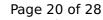
EN 14511-2			
Low temperature Medium temperature			
Heat output	7.00 kW	7.00 kW	
El input	1.47 kW	2.48 kW	
СОР	4.76	2.82	

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %





Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	5.30 kW	6.30 kW
$COP Tj = -7^{\circ}C$	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
COP Tj = +2°C	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COP Tj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW
COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C





Poff	2 W	2 W
PTO	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1 **Medium temperature**

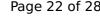
Model: WH-ADC0309J3E5C / WH-UD07JE5

General Data	
Power supply 1x230V 50Hz	

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %
Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	5.30 kW	6.30 kW
COP Tj = -7°C	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = $+2$ °C	3.20 kW	3.80 kW
$COPTj = +2^{\circ}C$	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = $+7^{\circ}$ C	2.90 kW	2.70 kW
$COP Tj = +7^{\circ}C$	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





 $$\operatorname{\textit{Page}}\xspace$ 22 of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1			
	Low temperature	Medium temperature	
Sound power level indoor	41 dB(A)	41 dB(A)	
Sound power level outdoor	59 dB(A)	59 dB(A)	

Heating



EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.00 kW	7.00 kW
El input	1.47 kW	2.48 kW
СОР	4.76	2.82

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Domestic Hot Water (DHW)



$$\operatorname{\textit{Page}}\xspace$ 24 of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

EN 16147		
Declared load profile	L	
Efficiency ηDHW	116 %	
СОР	2.90	
Heating up time	1:01 h:min	
Standby power input	39.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	232 I	



Model: WH-ADC0309J3E5ANC / WH-UD07JE5

General Data	
Power supply 1x230V 50Hz	

Average Climate

EN 14825		
	Low temperature	Medium temperature
η_{s}	193 %	130 %
Prated	6.00 kW	7.00 kW
SCOP	4.90	3.32
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.30 kW	6.30 kW
COP Tj = -7°C	3.04	1.86
Cdh	0.970	0.990
Pdh Tj = +2°C	3.20 kW	3.80 kW
COP Tj = +2°C	4.96	3.33
Cdh	0.930	0.960
Pdh Tj = +7°C	2.90 kW	2.70 kW
COP Tj = +7°C	6.50	4.52
Cdh	0.900	0.920
Pdh Tj = 12°C	3.40 kW	3.30 kW

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com



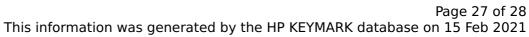


$$\operatorname{\textit{Page}}\xspace$ 26 of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

COP Tj = 12°C	8.42	6.26
Cdh	0.890	0.910
Pdh Tj = Tbiv	6.00 kW	6.20 kW
COP Tj = Tbiv	2.95	1.86
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.00 kW	6.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.95	1.70
WTOL	55 °C	55 °C
Poff	2 W	2 W
РТО	44 W	44 W
PSB	10 W	10 W
PCK	10 W	10 W
Supplementary Heater: Type of energy input	230V 1ph 50Hz	230V 1ph 50Hz
Supplementary Heater: PSUP	0.00 kW	0.80 kW
Annual energy consumption Qhe	2532 kWh	4354 kWh

EN 12102-1				
	Low temperature	Medium temperature		
Sound power level indoor	41 dB(A)	41 dB(A)		
Sound power level outdoor	59 dB(A)	59 dB(A)		

Heating

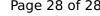


EN 14511-2				
	Low temperature	Medium temperature		
Heat output	7.00 kW	7.00 kW		
El input	1.47 kW	2.48 kW		
СОР	4.76	2.82		

EN 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

Domestic Hot Water (DHW)

CEN heat pump KEYMARK





 $$\operatorname{\textit{Page}}\xspace$ 28 of 28 This information was generated by the HP KEYMARK database on 15 Feb 2021

EN 16147		
Declared load profile	L	
Efficiency ηDHW	116 %	
СОР	2.90	
Heating up time	1:01 h:min	
Standby power input	39.0 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	232 I	