

Summary of	ESTIA HWS-P805	Reg. No.	011-1W0345
Certificate Holder			
Name	TOSHIBA AIR CONDITIONING		
Address	Porsham Close, Belliver Industrial Estate	Zip	PL6 7DB
City	Plymouth	Country	United Kingdom
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Name of testing laboratory	Heat Pump Test Center WPZ		
Subtype title	ESTIA HWS-P805		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R410a		
Mass Of Refrigerant	2.7 kg		
Certification Date	26.11.2019		



Model: HWS-P805HR-E/HWS-P805XWHM3-E

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_{s}	157 %	125 %
Prated	11.00 kW	9.00 kW
SCOP	4.01	3.22
Tbiv	-7 °C	-7 °C
TOL	-9 °C	-9 °C
Pdh Tj = -7°C	10.10 kW	7.90 kW
COP Tj = -7°C	2.70	1.93
Pdh Tj = +2°C	6.30 kW	5.00 kW
$COP Tj = +2^{\circ}C$	3.86	3.29
Pdh Tj = +7°C	3.90 kW	3.30 kW

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COP Tj = +7°C	5.67	4.13
Pdh Tj = 12°C	2.90 kW	2.90 kW
COP Tj = 12°C	5.20	4.96
Pdh Tj = Tbiv	10.10 kW	7.90 kW
COP Tj = Tbiv	2.70	1.93
Pdh Tj = TOL	8.60 kW	7.30 kW
COP Tj = TOL	2.50	1.78
Rated airflow rate	5310 m³/h	5310 m³/h
WTOL	60 °C	60 °C
Poff	17 W	17 W
РТО	80 W	80 W
PSB	17 W	17 W
PCK	14 W	14 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	11.00 kW	9.00 kW
Annual energy consumption Qhe	5881 kWh	5754 kWh

Heating



EN 14511-2		
	Low temperature	Medium temperature
Heat output	8.00 kW	7.26 kW
El input	1.68 kW	2.51 kW
СОР	4.76	2.89
Indoor water flow rate	1.37 m³/h	0.78 m³/h

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



Model: HWS-P805HR-E/HWS-P805XWHT6-E

General Data	
Power supply	1x230V 50Hz

Average Climate

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

EN 14825		
	Low temperature	Medium temperature
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electric

9.00 kW

5754 kWh



 $COP Tj = +7^{\circ}C$ 5.67 4.13 Pdh Tj = 12° C 2.90 kW 2.90 kW $COP Ti = 12^{\circ}C$ 5.20 4.96 Pdh Tj = Tbiv10.10 kW 7.90 kW COP Tj = Tbiv 2.70 1.93 Pdh Tj = TOL8.60 kW 7.30 kW COPTj = TOL2.50 1.78 Rated airflow rate 5310 m³/h 5310 m³/h WTOL 60 °C 60 °C Poff 17 W 17 W PTO 80 W 80 W **PSB** 17 W 17 W **PCK** 14 W 14 W

electric

11.00 kW

5881 kWh

Heating

Supplementary Heater: Type of energy input

Supplementary Heater: PSUP

Annual energy consumption Qhe



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El input	1.68 kW	2.51 kW	
СОР	4.76	2.89	
Indoor water flow rate	1.37 m³/h	0.78 m³/h	

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



Model: HWS-P805HR-E/HWS-P805XWHT9-E

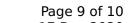
General Data		
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This information was generated by the HP KEYMARK database on 17 Dec 2020 $COP Tj = +7^{\circ}C$ 5.67 4.13 Pdh Tj = 12° C 2.90 kW 2.90 kW $COP Ti = 12^{\circ}C$ 5.20 4.96 Pdh Tj = Tbiv10.10 kW 7.90 kW COP Tj = Tbiv 2.70 1.93 Pdh Tj = TOL8.60 kW 7.30 kW COPTj = TOL2.50 1.78 Rated airflow rate 5310 m³/h 5310 m³/h WTOL 60 °C 60 °C Poff 17 W 17 W PTO 80 W 80 W **PSB** 17 W 17 W **PCK** 14 W 14 W Supplementary Heater: Type of energy input electric electric Supplementary Heater: PSUP 11.00 kW 9.00 kW

Heating

Annual energy consumption Qhe

5881 kWh

5754 kWh



 $$\operatorname{\textit{Page}}\ 10$$ of 10 This information was generated by the HP KEYMARK database on 17 Dec 2020

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