

Page 1 of 10

This information was generated by the HP KEYMARK database on 21 Jun 2022

Login

Summary of	ESTIA HWS-P805	Reg. No.	011-1W0345	
Certificate Holder	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			
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

Configure model		
Model name HWS-P805HR-E/HWS-P805XWHM3-E		
Application	Heating (medium temp)	
Units Indoor + Outdoor		
Climate Zone n/a		
Reversibility Yes		
Cooling mode application (optional) n/a		

General Data			
Power supply 1x230V 50Hz			

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	

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

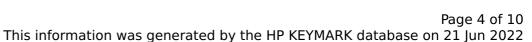
Average Climate

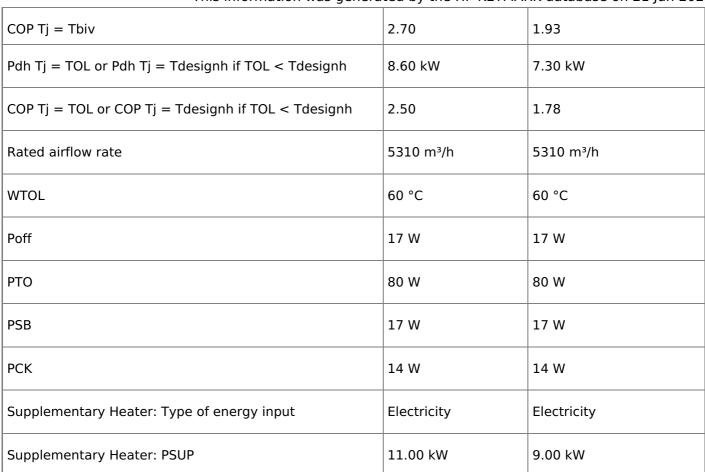


EN 12102-1		
Low temperature Medium temperature		
Sound power level indoor	41 dB(A)	41 dB(A)
Sound power level outdoor	66 dB(A)	66 dB(A)

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
$COPTj = -7^{\circ}C$	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 = $+7^{\circ}$ C	3.90 kW	3.30 kW
$COPTj = +7^{\circ}C$	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

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





5881 kWh

5754 kWh

CEN heat pump

Annual energy consumption Qhe



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

Configure model		
Model name HWS-P805HR-E/HWS-P805XWHT6-E		
Application Heating (medium temp)		
Units Indoor + Outdoor		
Climate Zone n/a		
Reversibility Yes		
Cooling mode application (optional) n/a		

General Data		
Power supply 1x230V 50Hz		

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		

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

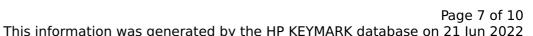
Average Climate



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°C	3.86	3.29
Pdh Tj = +7°C	3.90 kW	3.30 kW
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

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





Inis information was generated by the HP KEYMARK database on 21 Ju		
COP Tj = Tbiv	2.70	1.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.60 kW	7.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	11.00 kW	9.00 kW
Annual energy consumption Qhe	5881 kWh	5754 kWh



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

Configure model		
Model name	HWS-P805HR-E/HWS-P805XWHT9-E	
Application	Heating (medium temp)	
Units	Indoor + Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

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	

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

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	e 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
$COPTj = -7^{\circ}C$	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
$COPTj = +7^{\circ}C$	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

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



Page 10 of 10

This information was generated by the HP KEYMARK database on 21 Jun 2022

COP Tj = Tbiv	2.70	1.93
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	8.60 kW	7.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	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	Electricity	Electricity
Supplementary Heater: PSUP	11.00 kW	9.00 kW
Annual energy consumption Qhe	5881 kWh	5754 kWh