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

#### Login

Summary of	ESTIA HWS-805	Reg. No.	011-1W0342	
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-805			
Heat Pump Type	Outdoor Air/Water			
Refrigerant	R410A			
Mass of Refrigerant	1.8 kg			
Certification Date	26.11.2019			



# Model: HWS-805H-E/HWS-805XWHM3-E

Configure model		
Model name	HWS-805H-E/HWS-805XWHM3-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	7.51 kW	7.26 kW
El input	1.68 kW	2.65 kW
СОР	4.46	2.74

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	65 dB(A)	65 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	161 %	127 %
Prated	6.00 kW	5.00 kW
SCOP	4.12	3.27
Tbiv	-7 °C	-7 °C
TOL	-7 °C	-7 °C
Pdh Tj = -7°C	5.30 kW	4.90 kW
COP Tj = -7°C	2.82	2.06
Pdh Tj = +2°C	4.30 kW	3.10 kW
COP Tj = +2°C	4.28	3.36
Pdh Tj = +7°C	2.10 kW	2.00 kW
COP Tj = +7°C	5.98	4.41
Pdh Tj = 12°C	1.40 kW	1.40 kW
COP Tj = 12°C	7.23	5.86
Pdh Tj = Tbiv	5.30 kW	4.90 kW

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This information was general	ited by the Hi KETMA	NK database on 21 Juli 2022
COP Tj = Tbiv	2.82	2.06
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.30 kW	4.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.82	2.06
Rated airflow rate	3140 m³/h	3140 m³/h
WTOL	55 °C	55 °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	6.00 kW	5.00 kW
Annual energy consumption Qhe	3020 kWh	3490 kWh

# Model: HWS-805H-E/HWS-805XWHT6-E

Configure model		
Model name	HWS-805H-E/HWS-805XWHT6-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	7.51 kW	7.26 kW
El input	1.68 kW	2.65 kW
СОР	4.46	2.74

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

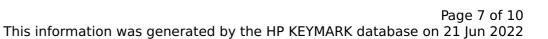
## **Average Climate**



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3140 m³/h	3140 m³/h
55 °C	55 °C
17 W	17 W
80 W	80 W
17 W	17 W
14 W	14 W
Electricity	Electricity
6.00 kW	5.00 kW
3020 kWh	3490 kWh
	2.82 5.30 kW 2.82 3140 m³/h 55 °C 17 W 80 W 17 W 14 W Electricity 6.00 kW

# Model: HWS-805H-E/HWS-805XWHT9-E

Configure model			
Model name	HWS-805H-E/HWS-805XWHT9-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

COP

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# **Average Climate**

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