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#### This information was generated by the HP KEYMARK database on 18 Mar 2022

#### Login

Summary of	ESTIA HWS-805	Reg. No.	011-1W0342
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	

#### **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)	

temperature Medium ter % 127 % kW 5.00 kW	mperature
kW 5.00 kW	
3.27	
-7 °C	
-7 °C	
۔	-/ °C kW 4.90 kW

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This information was generated by the HP KEYMARK database on 18 Mar 2022  $COP Tj = -7^{\circ}C$ 2.82 2.06 4.30 kW Pdh Tj =  $+2^{\circ}$ C 3.10 kW  $COPTj = +2^{\circ}C$ 4.28 3.36 Pdh Tj =  $+7^{\circ}$ C 2.10 kW 2.00 kW  $COP Tj = +7^{\circ}C$ 5.98 4.41 Pdh Tj =  $12^{\circ}$ C 1.40 kW 1.40 kW  $COP Tj = 12^{\circ}C$ 7.23 5.86 5.30 kW 4.90 kW Pdh Tj = TbivCOP Tj = Tbiv2.82 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 2.06 2.82 Rated airflow rate 3140 m<sup>3</sup>/h 3140 m<sup>3</sup>/h WTOL 55 °C 55 °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 6.00 kW 5.00 kW Supplementary Heater: PSUP

#### Heating

Annual energy consumption Qhe

3020 kWh

3490 kWh



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	



# 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	

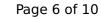
General Data		
Power supply	1x230V 50Hz	

#### **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

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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 = $+7^{\circ}$ C	2.10 kW	2.00 kW
$COP Tj = +7^{\circ}C$	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
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
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## Heating



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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	



# 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	

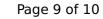
General Data		
Power supply	1x230V 50Hz	

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EN 14825		
Low temperature	Medium temperature	
161 %	127 %	
6.00 kW	5.00 kW	
4.12	3.27	
-7 °C	-7 °C	
-7 °C	-7 °C	
5.30 kW	4.90 kW	
	Low temperature  161 %  6.00 kW  4.12  -7 °C  -7 °C	

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