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Login

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

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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 = $+7^{\circ}$ C	3.90 kW	3.30 kW
$COP Tj = +7^{\circ}C$	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
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
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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	



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		

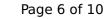
General Data		
Power supply	Power supply 1x230V 50Hz	

Average Climate

EN 12102-1			
Low temperature Medium temperature			
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Supplementary Heater: PSUP	11.00 kW	9.00 kW
Annual energy consumption Qhe	5881 kWh	5754 kWh

Heating



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



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	

Average Climate

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