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

Login

Summary of	HMI060 / DHWT300	Reg. No.	041-K011-02
Certificate Holder			'
Name	AERMEC S.p.A.		
Address	Via Roma 996	Zip	37040
City	Bevilacqua (VR)	Country	Italy
Certification Body	BRE Global Limited	·	
Subtype title	HMI060 / DHWT300		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.87 kg		
Certification Date	25.03.2021		
Testing basis	Heat Pump Keymark Scheme Rules Rev 08		



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Model: HMI060 / DHWT300S

Configure model		
Model name	HMI060 / DHWT300S	
Application	Heating + DHW	
Units	Outdoor	
Climate Zone	n/a	
Reversibility	Yes	
Cooling mode application (optional)	n/a	

General Data		
Power supply	1x230V 50Hz	

Heating

EN 14511-2		
	Medium temperature	
Heat output	5.00 kW	
El input	1.98 kW	
СОР	2.53	

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

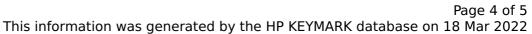


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EN 12102-1	
	Medium temperature
Sound power level outdoor	64 dB(A)

EN 14825	
	Medium temperature
η_s	127 %
Prated	6.00 kW
SCOP	3.26
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	5.22 kW
COP Tj = -7°C	2.22
Cdh Tj = -7 °C	0.97
Pdh Tj = +2°C	3.31 kW
COP Tj = +2°C	3.13
Cdh Tj = +2 °C	0.97
Pdh Tj = $+7$ °C	2.46 kW
$COP Tj = +7^{\circ}C$	4.19
Cdh Tj = +7 °C	0.97
Pdh Tj = 12°C	2.98 kW

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COP Tj = 12°C	5.52
Cdh Tj = +12 °C	0.97
Pdh Tj = Tbiv	5.22 kW
COP Tj = Tbiv	2.22
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.34 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	1.78
WTOL	55 °C
Poff	18 W
РТО	18 W
PSB	18 W
PCK	o w
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.66 kW
Annual energy consumption Qhe	3808 kWh

Domestic Hot Water (DHW)

Average Climate





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EN 16147	
Declared load profile	XL
Efficiency ηDHW	106 %
СОР	2.53
Heating up time	2:59 h:min
Standby power input	62.2 W
Reference hot water temperature	51.7 °C
Mixed water at 40°C	379