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Login

Summary of	HMI040 / DHWT300	Reg. No.	041-K011-01
Certificate Holder	<u> </u>	'	<u>'</u>
Name	AERMEC S.p.A.		
Address	Via Roma 996	Zip	37040
City	Bevilacqua (VR)	Country	Italy
Certification Body	BRE Global Limited	BRE Global Limited	
Subtype title	HMI040 / DHWT300	HMI040 / DHWT300	
Heat Pump Type	Outdoor Air/Water	Outdoor Air/Water	
Refrigerant	R32	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: HMI040 / DHWT300S

Configure model		
Model name	HMI040 / 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 14511-4		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
Starting and operating test	passed	

EN 14511-2	
	Medium temperature
Heat output	2.78 kW
El input	1.32 kW
СОР	2.11

Average Climate



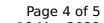


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EN 14825

	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 = $+7^{\circ}$ C	2.46 kW
$COP Tj = +7^{\circ}C$	4.19
Cdh Tj = +7 °C	0.97
Pdh Tj = 12°C	2.98 kW
COP Tj = 12°C	5.52
Cdh Tj = +12 °C	0.97
Pdh Tj = Tbiv	5.22 kW
COP Tj = Tbiv	2.22

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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	0 W	
Supplementary Heater: Type of energy input	Electricity	
Supplementary Heater: PSUP	1.66 kW	

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

3808 kWh

Domestic Hot Water (DHW)

Annual energy consumption Qhe

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	