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Summary of	HMI040 / DHWT300	Reg. No.	041-K011-01
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	HMI040 / 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		

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
COP	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°C	2.46 kW
COP Tj = +7°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
PTO	18 W
PSB	18 W
PCK	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	1.66 kW
Annual energy consumption Qhe	3808 kWh

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

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Declared load profile	XL
Efficiency η_{DHW}	106 %
COP	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 l