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

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Summary of	DAITSU MONOBLOC 3D SMART 18	Reg. No.	041-K010-02
Certificate Holder			
Name	Eurofred S.A.		
Address	Marqués de Sentmenat, 97	Zip	08029
City	Barcelona	Country	Spain
Certification Body	BRE Global Limited		
Subtype title	DAITSU MONOBLOC 3D SMART 18		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.87 kg		
Certification Date	08.03.2021		
Testing basis	Heat Pump Keymark Scheme Rules Rev 08		



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Model: AOWD-MB SMART-18K + WITD-AQUATANK MB-300

Configure model		
Model name	AOWD-MB SMART-18K + WITD-AQUATANK MB-300	
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

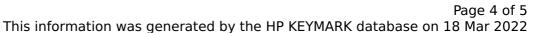


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EN 12102-1		
	Medium temperature	
Sound power level outdoor	64 dB(A)	

EN 14825		
	Medium temperature	
η_{s}	127 %	
Prated	6.00 kW	
SCOP	3.26	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	5.52 kW	
$COPTj = -7^{\circ}C$	2.22	
Cdh Tj = -7 °C	0.970	
Pdh Tj = +2°C	3.31 kW	
$COP Tj = +2^{\circ}C$	3.13	
Cdh Tj = +2 °C	0.970	
Pdh Tj = $+7^{\circ}$ C	2.46 kW	
$COP Tj = +7^{\circ}C$	4.19	
Cdh Tj = +7 °C	0.970	
Pdh Tj = 12°C	2.98 kW	

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com





COP Tj = 12°C5.52 Cdh Tj = +12 °C 0.970 Pdh Tj = Tbiv5.22 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 PTO 18 W **PSB** 18 W

0 W

Electricity

1.66 kW

3808 kWh

Domestic Hot Water (DHW)

Supplementary Heater: Type of energy input

Average Climate

Supplementary Heater: PSUP

Annual energy consumption Qhe

PCK





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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	