

Page 1 of 5

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

Summary of	DAITSU MONOBLOC 3D SMART 28	Reg. No.	041-K010-03	
Certificate Holder				
Name	Eurofred S.A.			
Address	Marqués de Sentmenat, 97	Zip	08029	
City	Barcelona	Country	Spain	
Certification Body	BRE Global Limited	BRE Global Limited		
Subtype title	DAITSU MONOBLOC 3D SMART 28	DAITSU MONOBLOC 3D SMART 28		
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			



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

## Model: AOWD-MB SMART-28K + WITD-AQUATANK MB-300

Configure model		
Model name	AOWD-MB SMART-28K + 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	6.50 kW	
El input	2.40 kW	
СОР	2.71	

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**

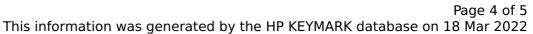


This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1	
	Medium temperature
Sound power level outdoor	65 dB(A)

EN 14825		
	Medium temperature	
$\eta_{s}$	127 %	
Prated	7.00 kW	
SCOP	3.27	
Tbiv	-7 °C	
TOL	-10 °C	
Pdh Tj = -7°C	6.20 kW	
COP Tj = -7°C	2.22	
Cdh Tj = -7 °C	0.960	
Pdh Tj = +2°C	4.00 kW	
$COP Tj = +2^{\circ}C$	3.13	
Cdh Tj = $+2$ °C	0.960	
Pdh Tj = $+7^{\circ}$ C	2.43 kW	
COP Tj = +7°C	4.26	
Cdh Tj = +7 °C	0.960	
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°C	5.52
Cdh Tj = +12 °C	0.960
Pdh Tj = Tbiv	6.20 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	0 W
Supplementary Heater: Type of energy input	Electricity
Supplementary Heater: PSUP	2.66 kW
Annual energy consumption Qhe	4423 kWh

Domestic Hot Water (DHW)

Average Climate





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

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	