

Product fiche

Group: Water heaters & storage tanks
 Section: Solar devices
 Reference: CDR 812/2013, annex IV, point 1

Date: 04.09.2015 V3

Suppliers name or trademark:

HELIOAKMI S.A.

Informative section

Suppliers model identifier:

Brand: HELIOAKMI S.A.
 Type: (Solar) water heater
 Model: SP 200 KK x 2,10m²

Technical parameters:

Description:	Symbol:	Value:	Unit:	
Declared load profile:		L	-	Annex VII, table 3
Water heating efficiency class (average climate):		0	-	Annex II, point 1
Water heating energy efficiency (average climate):	$\eta_{wh} =$	106	%	Annex VIII, point 3
Annual electricity consumption (average climate):	AEC =	962	kWh	Annex VIII, point 4
not implemented				
Thermostat temperature setting:		n.a.	°C	
Sound power level:	L _{wa} =	15	dB	Technical doc
Only off-peak hours operation:		n.a.	Yes/No	
Special precautions:				
A pressure safety valve, and an electric thermostat must be fitted in the installation, to prevent overheating, unless they are incorporated in the appliance.				
Only applicable with smart control enabled:		n.a.	Yes/No	
Water heating energy efficiency (colder climate):		98	%	Annex VIII, point 3
Water heating energy efficiency (warmer climate):		130	%	Annex VIII, point 3
Annual electricity consumption (colder climate):		1041	kWh	Annex VIII, point 4
Annual electricity consumption (warmer climate):		788	kWh	Annex VIII, point 4
Collector aperture area:	A _{sol} =	1,80	m ²	Technical doc
Zero loss collector efficiency:	$\eta_o =$	0,750	-	Technical doc
First order heat loss coefficient:	a ₁ =	3,36	W/(K.m ²)	Technical doc
Second order heat loss coefficient:	a ₂ =	0,024	W/(K ² .m ²)	Technical doc
Incidence angle modifier:	IAM =	0,89	-	Technical doc
Storage nominal volume:	V =	195	litres	Technical doc
Backup designated part of storage:	V _{bu} =	0	litres	Technical doc
Pump power consumption:	solpump =	0	W	Technical doc
Standby power consumption:	Solstandby =	0,00	W	Technical doc

Load profiles:

M
L
XL
XXL

Label classes:

A
B
C
D
E
F
G