

## 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 200E KK x 4,20m<sup>2</sup>

### 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):	$\eta_{wh} =$	131	%	Annex VIII, point 3
Annual electricity consumption (average climate):	AEC =	781	kWh	Annex VIII, point 4
not implemented				
Thermostat temperature setting:		n.a.	°C	
Sound power level:	L <sub>wa</sub> =	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):		113	%	Annex VIII, point 3
Water heating energy efficiency (warmer climate):		188	%	Annex VIII, point 3
Annual electricity consumption (colder climate):		905	kWh	Annex VIII, point 4
Annual electricity consumption (warmer climate):		545	kWh	Annex VIII, point 4
Collector aperture area:	A <sub>sol</sub> =	3,60	m <sup>2</sup>	Technical doc
Zero loss collector efficiency:	$\eta_o =$	0,750	-	Technical doc
First order heat loss coefficient:	a <sub>1</sub> =	3,36	W/(K.m <sup>2</sup> )	Technical doc
Second order heat loss coefficient:	a <sub>2</sub> =	0,024	W/(K <sup>2</sup> .m <sup>2</sup> )	Technical doc
Incidence angle modifier:	IAM =	0,89	-	Technical doc
Storage nominal volume:	V =	195	litres	Technical doc
Backup designated part of storage:	V <sub>bu</sub> =	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