

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 160 KK x 2,62m²

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):	$\eta_{wh} =$	112	% Annex VIII, point 3
Annual electricity consumption (average climate):	AEC =	916	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):		102	% Annex VIII, point 3
Water heating energy efficiency (warmer climate):		143	% Annex VIII, point 3
Annual electricity consumption (colder climate):		1004	kWh Annex VIII, point 4
Annual electricity consumption (warmer climate):		716	kWh Annex VIII, point 4
Collector aperture area:	$A_{sol} =$	2,33	m ² Technical doc
Zero loss collector efficiency:	$\eta_o =$	0,730	- Technical doc
First order heat loss coefficient:	$a_1 =$	4,88	W/(K.m ²) Technical doc
Second order heat loss coefficient:	$a_2 =$	0,013	W/(K ² .m ²) Technical doc
Incidence angle modifier:	IAM =	0,89	- Technical doc
Storage nominal volume:	V =	140	litres Technical doc
Backup designated part of storage:	$V_{bu} =$	0	litres Technical doc
Pump power consumption:	$sol_{pump} =$	0	W Technical doc
Standby power consumption:	$Sol_{standby} =$	0,00	W Technical doc

Load profiles:

M
L
XL
XXL

Label classes:

A
B
C
D
E
F
G