



ΗΛΙΑΚΟΙ ΘΕΡΜΟΣΙΦΩΝΕΣ



ΔΕΛΤΙΟ ΠΡΟΙΟΝΤΟΣ

Reference: CDR 812/2013, annex IV, point 3

Date: 21/7/2023

Suppliers name or trademark:

CALDO

Suppliers model identifier:

Brand:	CALDO
Type:	CA 120
Model:	CA 120X2,0

Technical parameters:

Description:	Symbol:	Value:	Unit:
Number of collector modules:	$N_{col} =$	1	-
Collector module reference area:	$A_{sol} =$	2,02	m ²
Total collector area:		2,02	m ²
Zero loss collector efficiency:	$\eta_o =$	0,725	-
First order heat loss coefficient:	$a_1 =$	3,62	W/(K.m ²)
Second order heat loss coefficient:	$a_2 =$	0,006	W/(K ² .m ²)
Incidence angle modifier:	IAM =	0,96	-
Storage nominal volume:	Vnom =	108	litres
Backup designated part of storage:	Vbu =	0	litres
Standing losses:	S =	61	W
Location of the tank:		Outside	-
	Load profile:	M	L XL XXL
Annual non-solar heat contribution	$Q_{nonsol} =$	743	1739 3235 4386 kWh
Pump power consumption:	solpump =	0	W
Standby power consumption:	Solstandby =	0,00	W
Annual auxiliary electricity consumption:	Qaux =	0	kWh
Collector efficiency:	$\eta_{col} =$	57	%
Energy label class of tank:		C	

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