

Product fiche

PF-WH-SD

Group: Water heaters & storage tanks
 Section: Solar devices
 Reference: CDR 812/2013, annex IV, point 3

Date: 31/12/2014

3.1 (a) **Suppliers name or trademark:**

CICERO HELLAS S.A.

3.1 (b) **Suppliers model identifier:**

Brand:	CALPAK
Type:	MARK 4
Model:	M4-210

3.1 (c-l) **Technical parameters:**

Symbol:	Value:	Unit:
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3.1 (c)	Collector aperture area:	$A_{sol} =$	1,96	m ²
3.1 (d)	Zero loss collector efficiency:	$\eta_o =$	0,755	
3.1 (e)	First order heat loss coefficient:	$a_1 =$	3,89	W/(m ² K)
3.1 (f)	Second order heat loss coefficient:	$a_2 =$	0,013	W/(m ² K ²)
3.1 (g)	Incidence angle modifier:	IAM =	0,89	
3.1 (h)	Storage nominal volume:	V =	N/A	litres
	Backup designated part of storage:	Vbu =	N/A	litres
		Load profile:	M L XL XXL	
3.1 (i)	Annual non-solar heat contribution	$Q_{nonsol} =$	N/A	N/A
			N/A	N/A
3.1 (j)	Pump power consumption:	solpump =	N/A	W
3.1 (k)	Standby power consumption:	Solstandby =	N/A	W
3.1 (l)	Annual auxiliary electricity consumption:	Qaux =	N/A	kWh