

CMD Solar Systems							
Model	Units	CMD272	CMD273	CMD342	CMD343	CMD452	CMD453
Nom. Storage Capacity	L	270	270	340	340	450	450
Number of Solar Panels		2	3	2	3	2	3
Tank weight (empty / full)	kg	84 / 354	84 / 354	102 / 442	102 / 442	150 / 600	150 / 600
Tank Dimensions (Ø x h)		648 x 1408	648 x 1408	648 x 1711	648 x 1711	730 x 1733	730 x 1733
Height to Cold Inlet	mm	82	82	82	82	83	83
Height to Solar Return	mm	569	569	687	687	673	673
Height to Outlet	mm	1169	1169	1472	1472	1473	1473
Height to Element Centre	mm	748	748	912	912	903	903
Booster Element Rating	kW	3.6	3.6	3.6	3.6	3.6	3.6
Storage Tank Material		Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel
Insulation		CFC Free	CFC Free	CFC Free	CFC Free	CFC Free	CFC Free

CMD FPC Flat Plate Collectors		
Dimensions (h x w x l)	mm	2,000 x 1,000
Aperture Dimensions	mm	1,950 x 950
Collector Net Weight	kg	32
Fluid Content	L	1.66
Glass Type		3.2mm Toughened Glass
Absorber Coating		Blue Titanium - Selective
Casing Material		Aluminium Alloy

Pump & Controller	
Pump Type	Grundfos 15-20 CIL
Flow Rate	1 Litre / minute
Controller Type	Aestiva S1000
Turn on / off ΔT	8 / 2° C
Frost turn on / off ΔT	3 / 5° C