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	Energy saving		
	Primary energy saving for properly designed chilled water systems 40 – 60 %		
	Primary energy saving for properly designed open cycles 20 – 50 %		
•	First cost		
	2 – 2.5 times higher compared to conventional reference systems		
•	Overall annual cost		
	1.2 – 1.5 times higher compared to conventional reference systems		
	Close to break-even with funds in the range of 100 € per m ² of collector		
	side 22		





water chillers produce chille equipment (e.g. air handlin	ed water which can supply any type of air-conditioning g units, fan-coils, chilled ceilings,)
single-effect absorption	many products for cooling power > 100 kW; few products <100 kW; refrigerant/sorption pair either water/LiBr or ammonia/water
double-effect absorption	several manufacturers; often direct fired systems; no products <100 kW; refrigerant/ sorption pair in most cases water/LiBr
adsorption	
	a few commercially available systems (Asia); refrigerant/sorption pair water/silica gel
steam jet cycle	tailor-made sytems for large capacities: refrigerant

