

Product fiche concerning the COMMISSION DELEGATED REGULATIONS

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Solar

Information requirements for Solar Devices units

Model Model Identifier	Grant Solar Thermal Sahara
Collector aperture area	2.13 m ²
Zero-loss efficiency	0.826 (82.6%)
First Order coefficient	4.441 W/(m ² K)
Second Order coefficient	0.008 W/(m ² K)
Incidence angle Modifier	0.933
Pump power consumption	28 W
Standby power consumption	<1 W

End of Life Information – Solar Thermal Devices

General

Grant solar thermal devices incorporate components manufactured from a variety of different materials. The majority of these materials can be recycled whilst the smaller remainder cannot.

Materials that cannot be recycled must be disposed of according to local regulations using appropriate waste collection and/or disposal services.

Disassembly

There is little risk to those involved in the disassembly of the system if the process is undertaken with care and reasonable precautions are taken.

Before disassembly of the system please refer to and follow the De-commissioning information given in the Installation Instructions provided with the system.

Recycling

Many of the materials used in Grant solar thermal systems can be recycled, as listed below:

	Component	Material
Collector:	Collector outer frame	Aluminium alloy
	Absorber plate/pipes	Copper/Aluminium alloy
	Glass	Low iron glass
Solar Fluid:	Only dispose of the used solar fluid (40% Glycol/water solution) at a licensed recycling or disposal centre. DO NOT dispose of the solar fluid into a household drainage system, controlled water (e.g. rivers or streams), or any other drainage system (e.g. storm drain, sewer, etc.).	
Pump:	Solar circulating pumps must not be disposed of in normal domestic waste as most of the materials used in their construction can be recycled. For details on how to responsibly dispose of the pump please go to the pump manufacturers website where guidance is provided.	

Disposal

All materials other than those listed above must be disposed of responsibly as general waste.



Neil Sawers
Technical Manager