

RS-HD25 *Disipador de Calor*

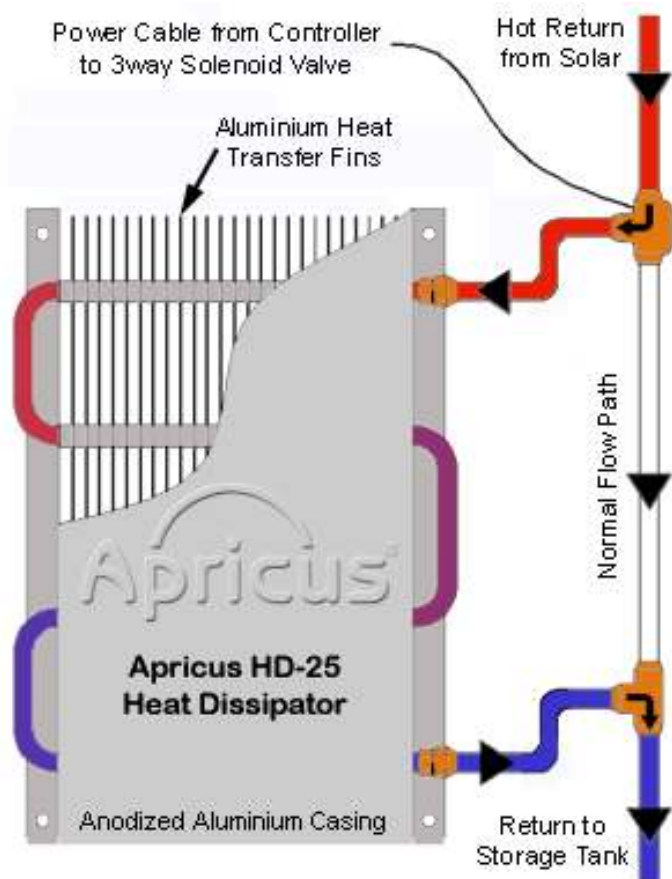
The Apricus heat dissipator (HD) is specifically designed for use with Apricus solar collector installations that are sized for optimal winter, spring and autumn output. The HD can dissipate the excessive heat produced during summer periods, or periods of non-use. This protects systems from overheating and/or excessive hot water dumping.



Características

1. >1.8kW heat dissipation capacity > 3kW forced air
2. Suitable for fresh water or glycol/water systems.
3. Anodized aluminium fins and outer casing for excellent corrosion resistance
4. Silver brazed copper piping with 1/2" M BSP inlet and outlet.
5. Easy mounting on exterior wall or in roof space.
6. Able to be connected in series for greater heat dissipation capacity.
7. Minimal pressure drop.
8. May be used as a simple hydronic space heating panel.
9. Neat, attractive design.

* Based on 80°C water temp, 30°C / ambient temperature



The HD is installed on the return line from the solar collector(s). When the temperature in the storage tank exceeds the pre-set limit (~80°C), the controller switches a solenoid which directs the solar return flow through the HD before returning it back into the standard flow line. Alternatively a thermostatic mixing valve/tempering valve set to a suitable temperature can be used, providing mechanic, automatic regulation of flow through the heat dissipator.

As the hot water passes through the HD, heat is dissipated via the aluminium fins to surrounding air, the vertical fin arrangement promoting a passive air current.

One HD-25 unit can dissipate 100% of the heat produced by an RS-HP58-180030 collector in full sun, during very high ambient temperatures.