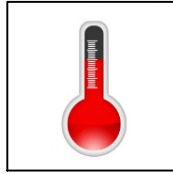


Heat Dissipation: HD-8/HD-7



*High Temperature
Dissipation: Up to
12,000 Btu/Hr*



*Protects solar
thermal systems
from overheating*



*No power required,
works using natural
air convection*

The SPP Heat Dissipaters protect solar thermal systems from overheating, stagnation, and excessive temperatures. These are designed for closed loop solar thermal applications, and work in all conditions and environments.

These heat dissipation units ensure safe, reliable, and long lasting operation of your solar thermal array.



Solar Panels Plus heat dissipation units are designed for high temperature dissipation. These units can remove up to 12,000 BTU/hr, per unit, enabling worry-free protection of your solar thermal array. Each unit can operate in all environments and weather conditions.



The heat dissipaters continually protect your solar thermal system, and all it's components, from heat related issues. These keep your collectors from overheating, or experiencing stagnation, protect your pumps, tanks, heat exchangers, and glycol from problems related to excessive heat.



These units function without power, fans, or other ancillary equipment. Their design supports dissipation of heat using copper transfer fins and natural air convection in all environments. No extra power, or equipment is ever needed for the operation of these units.

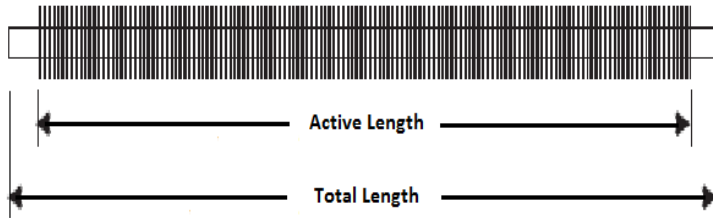
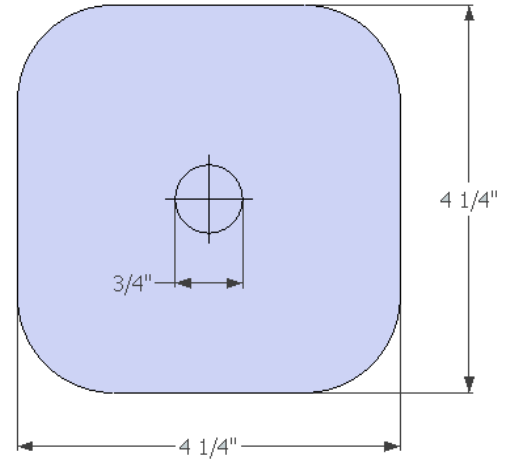


American-made from the highest quality components, these units will ensure the worry-free, long lifespan of your solar thermal array and all it's components.

Heat Dissipation: HD-8/HD-7 Specs

Physical Specifications

Models	HD-7, HD-8
Number of Fins	260 (HD-7), 300 (HD-8)
Fin Size	4.25" x 4.25" x .020"
Material	Aluminum
Tube Size (OD)	3/4" (O.D.)
Tube Material	Copper
Total Length	84" (HD-7), 96" (HD-8)
Active Length	78 3/4" (HD-7), 90 3/4" (HD-8)
Weight	13lbs (HD-7), 15lbs (HD-8)



Hot Water Ratings: Temperatures are (Ti-Ta) – Outputs are BTU/HR

	45°	55°	65°	75°	85°	95°	105°	115°	125°	135°	145°	155°
HD-7	2060	2675	3398	4120	4634	5458	6282	7100	8026	8850	9782	10809
HD-8	2387	3099	3936	4773	5368	6323	7277	8225	9297	10252	11331	12521

Note: Based on flow rate of 0.75 ft/s (1.03 GPM)

Mounting Hardware: HD-7 & HD-8 Available in Flush Mount and Angled Frame mounting kits