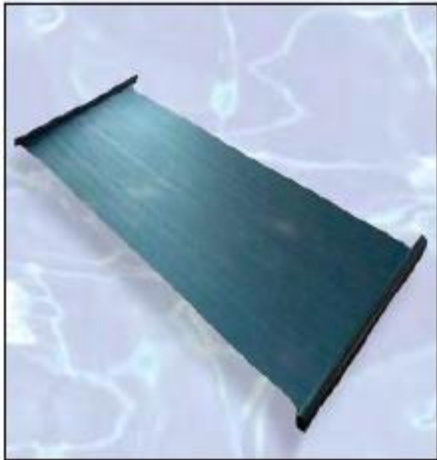


HSE Pool Heating Panels



Hurricane Tested



Economical



Environmentally Safe

The HSE Pool Heating Panels are designed to provide free, solar heat to your swimming pool.

These swimming pool heaters are designed to be durable, long lasting, and economical.

Depending on your location, these collectors can double the amount of time your pool is warm and comfortable.

Lifetime Limited Warranty / Freeze Damage Covered in Warranty

- The best cool-weather and/or windy day performance of any certified pool heating collector.
- Hurricane Tested: These collectors have been tested and are proven to withstand wind speeds over 155 mph.
- Superelipse Channels: Improves heat retention of the panel and increases heat transfer into the water by 17%.
- Construction: These collectors contain 35% more polypropylene and UV stabilizers than other panels on the market, allowing for longer lifespan and durability.
- Economical: Most pool heating systems pay for themselves in less than 2 seasons, due to the low cost and easy installation.
- SRCC Tested: While there are no current federal tax credits for pool heating, we do have the official SRCC test data to back up our performance claims
- Buy American Compliant: Panels are manufactured from primarily American materials.
- Packages Available: Complete pool heating kits are available, making the installation even easier.

HSE Pool Heating Panels

Dimensions

	Units	4x12	4x10	4x8
OverallLength	Inches	143.294	119.282	95.269
AbsorberWidth	Inches	47.638	47.638	47.638
HeaderLength	Inches	50.75	50.75	50.75
HeaderO.D.	Inches	1.9	1.9	1.9
HeaderI.D.	Inches	1.48	1.48	1.48
GrossArea	SqFeet	50.501	42.038	33.576
NetArea	SqFeet	47.404	39.460	31.517
NumberOfChannels		104	104	104
NominalHoleSize	Inches	0.156	0.156	0.156

Weight / Flow Rates

	Units	4x12	4x10	4x8
Dry	Lbs	29	24	19
Wet	Lbs	62.5	53.6	44.7
WetDispersed	Lbs/sf	1.32	1.36	1.42
FluidCapacity	gl	4.03	3.56	3.09
MaxFlowRate	GPM	10	10	10
MinFlowRate	GPM	3	2.5	2.5
Recommended	GPM	4.95	4.95	4.95
Maxpanelsinparallel		7	9	11

Pressure

	Units	4x12	4x10	4x8
Drop	Psi	0.192	0.169	0.151
MaxTest	Psi	80	80	80
MaxOperatingRange	Psi	+/-10	+/-10	+/-10
MaxOperatingSpike	Psi	35	35	35

Performance

	Units	4x12	4x10	4x8
FSECCertification	BTU/Day	45,600	38,100	30,400
WindLoad	mph	150	150	150