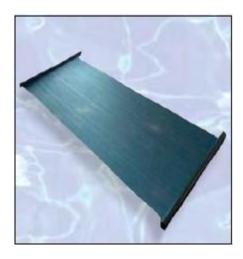
HSE Pool Heating Panels







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 |
| Headerl.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 |