

Energy Saving Pool & Spa Blankets



THE
ENERGY SAVINGS
FROM A THERMAL
BLANKET CAN
PAY FOR ITSELF
IN 12 MONTHS

SPECTRUM
Aquatics

A PLAYCORE Company

Thermal-King® Pool Covers

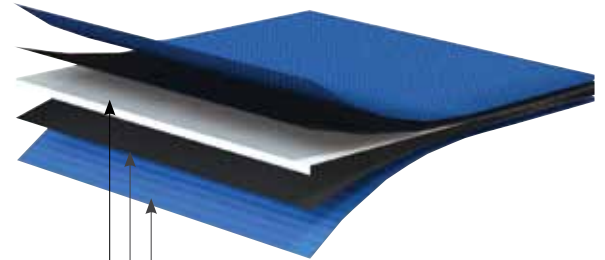
Quality, Performance, Strength, Longevity

- Superior strength edging – made with PVC coated tarpaulin
- Advanced performance – 100% stabilized polyester woven 20 x 20 count denier
- Longer life – coated and UV stabilized on both sides for maximum protection
- Extruded black vinyl
- Drain holes punched every 3 feet with weighted edge
- Edging does not chalk or flake
- Flow holes help covers hold in windy environments
- Easy to deploy and retrieve
- Blankets are reversible
- Available in standard and custom sizes
- 305 Stainless steel grommets for maximum corrosion resistance
- UV inhibited loop tie handles
- 5/16" heavy-duty synthetic fiber rope
- Panels come complete with heavy-duty loop ties for attaching the panels to a storage reel system

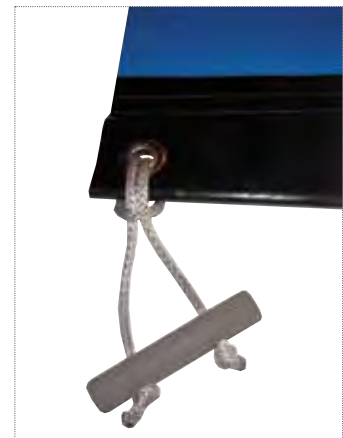
47129.....Pool Blanket

208200.....Loop Ties

50021.....18" Lead Strap



- 3.0 Mils LDPE, UV protected coating
- Woven 12 x 12 count per inch, UV high density polyethylene
- EVA enhanced insulating polyethylene foam, Volara 1/8"



Spa Covers

Quality, Performance, Strength, Longevity

Spa covers are identical in every way to the pool cover benefits listed above except for the edging, as spa covers come unedged. Using household scissors you can cut them to fit your spa's custom configuration.

500019.....Spa Sheet 10' x 10'

500020.....Spa Sheet 15' x 15'

47129S.....Custom Edged Spa Blanket



INDUSTRY LEADING 6-YEAR WARRANTY AVAILABLE

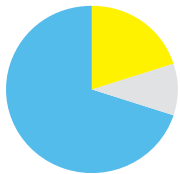
SWIMMING POOL COVERS REDUCE ENERGY CONSUMPTION AND MORE

Pool Blanket Systems can offer significant energy savings and drastically reduce water and chemical consumption as well as cleaning time by keeping dirt and other debris out of the pool or spa. They often pay for themselves in less than one year when properly and consistently used.

- Reduces energy consumption by maintaining pool cleaning costs
- Reduces chemical consumption
- Reduces facility building maintenance and pool cleaning costs
- Reduces corrosion of indoor facilities, extending the life of equipment

HOW THEY WORK

Swimming pools lose energy in a variety of ways, but evaporation is by far the largest source of energy loss. Replacing evaporated water requires tremendous amount of energy. It only takes 1 BTU (British thermal unit) to raise 1 pound of water 1 degree, but each pound of 80° F water that evaporates takes a whopping 1,048 BTU of heat out of the pool.



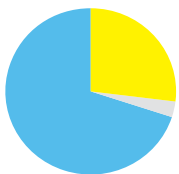
Outdoor Pool Energy Loss Characteristics

Radiation to Sky 20%

Losses to ground and other 10%

Evaporation 70%

The evaporation rate from an outdoor pool varies depending on the pool's temperature, air temperature and humidity, and the wind speed at the pool surface.



Indoor Pool Energy Loss Characteristics

Ventilation 27%

Other 3%

Evaporation 70%

Indoor pools aren't subjected to the environment, but they still lose a lot of energy from evaporation and even require room ventilation to control indoor humidity caused by the large amount of evaporation. The ventilated air also must be conditioned, which adds to the energy costs.

Pool covers minimize evaporation from both outdoor and indoor pools. Covers on indoor pools not only reduce evaporation but also the need to ventilate indoor air and replace it with unconditioned outdoor air. You can also shut off exhaust fans when an indoor pool is covered saving even more energy.

Information obtained from the U.S. Department of Energy – www.energysavers.gov

“Covering a pool when it is not in use is the single most effective means of reducing pool heating costs.

Savings of 50% - 70% are possible.”

U.S. Department of Energy



Pool Covers Also:

- Conserve water by reducing the amount of make-up water needed by 30%-50%
- Reduce the pool's chemical consumption by 35%-60%
- Reduce cleaning time by keeping dirt and other debris out of the pool



Pool & Spa Cover Storage Systems

Bitterroot Series – Portable Blanket Storage Systems

Portable and strong, these systems ensure proper handling and storage of pool blankets. Made of electropolished 304L stainless steel and designed to support the weight of wet blankets.

- Easy to deploy and retrieve pool blankets
- Employs nickel-plated pillow block reel tube bearings
- Equipped with stainless steel crank assembly
- Utilizes 6" diameter, never-mar, polyethylene wheels
- Equipped with two-foot operated breaks
- Maximum blanket width of 20'
- Structurally designed to support wet blankets
- Made of electropolished 304L stainless steel
- Optional cover is available

50120 Bitterroot I, Single Tube Configuration

Storage capacity = 164 lf. Or 3,280 sq. ft. with a total weight capacity of 643 lbs.

50150 Bitterroot II, Double Tube Configuration

Storage capacity = 328 lf. Or 6,560 sq. ft. with a total weight capacity of 1,102 lbs.

50180 Bitterroot III, Triple Tube Configuration

Storage capacity = 492 lf. Or 9,840 sq. ft. with a total weight capacity of 1,562 lbs.

50190 Single Winder Cover

50195 Double/Triple Winder Cove



Hands free, easy to use foot brakes. Superb holding power, an industry first.

Blackfoot I – Wall Mount Blanket Storage Systems

Wall mounted storage system designed to conserve deck space and allow for ease of installation and retrieval of pool blankets. Accommodates up to 164 linear feet. Typically two panels will fit on the unit. Crank extensions are available for installations over 6' above deck.

50220..... Blackfoot I for blanket width up to 20'

50009..... Placement Crank Handle

Storage capacity – 164lf.

Blackfoot II – Radio Controlled Semi-Automatic Wall Mounted Blanket Storage Systems

This wall mounted storage reel system offers smooth deployment and automatic retrieval of pool blankets through a simple hand held transmitter. Manufactured of stainless steel, the storage systems are structurally designed to support wet blankets. The electronics are contained in a water tight, NEMA 4 enclosure, ensuring dependable operation and long life. Generally one wall mount storage reel is needed for each section of blanket to be stored. Custom units are available to meet your specific needs.

50200 Blackfoot II for blanket width up to 20'

Storage capacity = 164 lf.

See Spectrum® Aquatics full line of aquatics products at www.SpectrumAquatics.com

ADA Compliant Pool Lifts
Starting Blocks
Guard Chairs
Racing Lane Lines
Pool Slides



Note: Bubble type covers are not recommended for use with the Blackfoot II