

Thermal Pool Cover Systems

For indoor, outdoor, commercial and residential swimming pools

90% estimated reduction in heat loss



REDUCES POOL OPERATING COST DRAMATICALLY MANUFACTURED IN NEW ZEALAND BY COOMBES AQUATICS LIMITED



Thermal Pool Cover Systems

The **MacBall Heat Saver Thermal Pool Cover System** offers commercial and residential swimming pool owners a practical, cost effective method to greatly reduce evaporation and heat loss. Heating, water replacement and maintenance costs are substantially reduced through effective insulation and evaporation control.

How does your pool lose heat?

Your pool loses heat via evaporation (60%), radiation and convection (30%) and losses to ground (10%). 90% of these losses can be stopped with a MacBall Heat Saver Thermal Pool Cover.

How does your pool lose water?

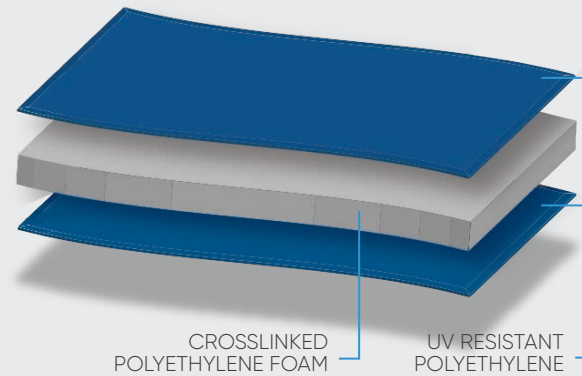
Each square meter of water surface can lose as much as 1000L of water every year. For a 25m x 20m pool this means a loss of 500,000L per year to evaporation alone!

The Solution

The proven MacBall Heat Saver System can reduce evaporation to near zero. Because it insulates, it substantially reduces convection and radiation losses, stopping evaporation, cutting heat losses and saving on make up water requirements and costly chemicals.

Thermal Pool Cover design

Each cover is made with a tough top and bottom layer of UV resistant woven polyethylene with a crosslinked polyethylene foam sandwiched between for increased strength and durability.



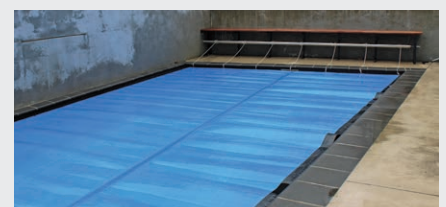
Benefits

- A bound reinforce edging all around the cover.
- Reinforced eyelets.
- An optional weighted edging for outdoor pools, greatly reducing wind problems – the cover can still be easily rolled up on a reel system.
- Draw ropes supplied.
- Superior heat retention qualities
- Superior life span compared to other systems. Expected lifespan of 7 to 10 years. At this stage we have many commercial covers with a lifespan exceeding 10 years.
- As we manufacture the product we can easily service them if required.
- The Heat Saver Thermal Cover material is also light in weight and with a good reel system only one person is required to deploy and retrieve the covers from the pool.
- MacBall Heat Saver Thermal Pool Covers offer an excellent return on investment. Most systems pay for themselves within the first 18 months of use and continue to make financial savings with environmental benefits long after the initial investment is recouped.

He Puna Taimoana, the New Brighton Hot Pools



Wooden Under-bench Reel



Cover Reel Systems

All Macball Heat Saver Thermal Covers can be easily attached to one of our cover storage systems. These can be positioned on the pool deck for ease of use or our mobile reel systems offer the ability to hide your cover out of view when the pool is in use.

We have a range of systems where the cover can be conveniently hidden away from view within the pool deck, on the wall or under a handy bench seat.

MacBall cover storage systems can be operated manually or automatically with a remote control. They are engineered for strength, durability and consist of a stainless steel framework with non-corrosive self-aligning bushes. Our mobile reel frames feature stainless steel foot brake casters with easy-run polyurethane wheels.

Underbench systems also feature our high quality stainless steel frame with either a hardwood timber or composite wood bench seat.

We pride ourselves on being able to offer a broad range of reel systems – from standard models to custom design options that reflect both pool facility design as well as our clients needs.



Mobile Reel



Pedestal Reel



Wall Reel



Inground Reel

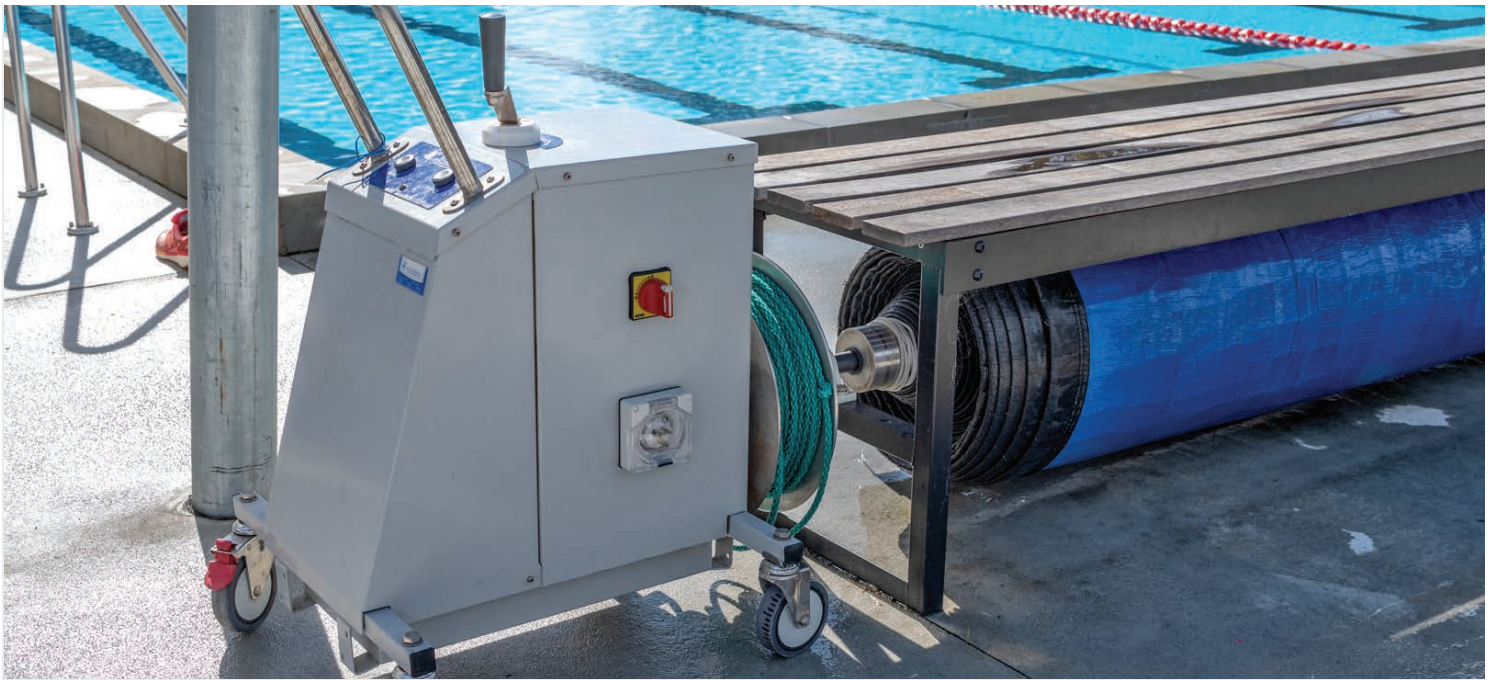
Architecturally designed seating, using Multi Under-bench Reel technology.



Under-bench reel frame

Without a doubt this is our most popular reel frame. Constructed from powder coated stainless steel framing with the option of a hardwood or composite wood bench seat. Our under-bench reel system offers an aesthetically pleasing method for storing your thermal pool cover close to pool side while offering the added bonus of additional seating for spectators.

This innovative cover storage system has fast become the design of choice with architects and commercial pool operators throughout NZ and Australia.



Autowind System

Battery operated pool winch to suit your reel frame

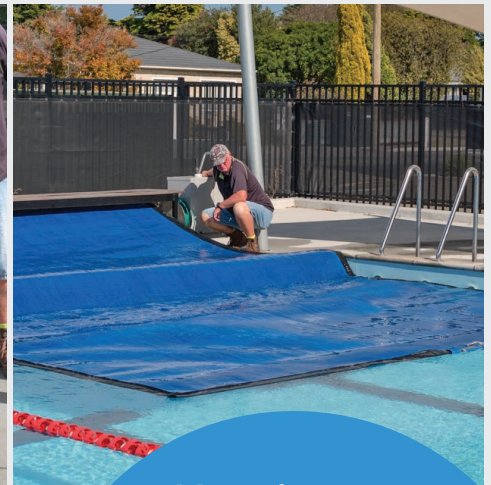
The CAL Autowind unit has been specifically designed to work with our stainless steel reel frames – taking the hassle out of handling large pool covers.

It is a simple motorised winch that quickly and effectively pulls covers onto the pool and then drives the reels to pull them off the next morning. It is the most effective answer for handling large pool covers.

- Drives and pulls a 50m cover in under three minutes
- 24V sealed batteries for a long life
- Built-in battery changer
- Height adjustable to operate varying reel systems



The CAL Autowind is an effective way to address OSH concerns and make your pool covers a trouble free task.



Manufacturer and Supplier of...

COMMERCIAL AND RESIDENTIAL AQUATICS SPECIALISTS POOL REFURBISHMENT AND MEMBRANE INSTALLATION **POOL WATER DISINFECTION** PUMPING AND FILTRATION **POOL HEATING** THERMAL POOL COVERS **ROBOTIC POOL VACS** CHEMICALS AND TESTING EQUIPMENT **POOL DECK HARDWARE** SAUNA AND STEAM



Commercial and Residential Aquatic Specialists

Christchurch – 34 Acheron Drive, Riccarton, 03 348 2072
Wellington – cnr Meachen & Barnes Streets, Petone, 04 568 3521
Auckland – Unit A6, 269a Mt Smart Rd, Onehunga, 09 579 6500
 E info@coombesaquatics.co.nz W coombesaquatics.co.nz

