



Leading the world in **Cold** Spa technology



www.equinespa.com

The ECB Equine Spa

The ECB Equine Spa combines safety, reliability, quality and ultimate performance to provide an extremely effective form of cold water hydrotherapy for the treatment and prevention of equine injuries.

The effectiveness of hydrotherapy treatment has been verified by Professor Evan Hunt; as well as having an abundance of global advocates within the veterinary profession and equine industry.

Designed and manufactured by ECB Equine, with the guidance, backing and evaluation of Professor Hunt, the ECB Equine Spa is the premier equine spa on the market today. Of the highest quality standard, each unit is built using durable, modern ocean-going fibreglass and stainless steel materials for long life.



What the ECB Equine Spa can bring to your yard

Cold salt hydrotherapy can be used to treat the majority of lower leg injuries including:

- Tendonitis
- Laminitis
- Sore Shins
- Shin Splints
- Arthritis
- Concussion (Jar Up)
- Open Wounds and Infections
- Bursitis
- Synovitis

The healing of these injuries is normally prolonged with new tissue type being generally weak and

prone to re-injury. The spa assists the healing process in two ways; firstly, by keeping the leg temperature much lower, the effect of fibre deteriorating collagenase is greatly reduced and secondly, by reducing the swelling, it allows collagen fibres to repair neatly.

By far the most effective way to utilise the spa is by injury prevention. By regular use of cold salt hydrotherapy post exercise, many of the stressors within tissues are removed before inflammation develops. The cold water also significantly improves surface bone density, reducing the opportunity for bone stress related injuries.



The therapeutic effects

- **Temperature:** ECB Spa water is maintained between 2 and 4°C, to minimise heat and inflammation. This provides analgesic pain management as well as inhibiting enzyme degeneration of tendons post injury.
- **Salt Concentration:** The ECB salt solution acts as a hypertonic poultice as well as having a natural healing effect on wounds.
- **Aeration:** Water aeration has a massaging effect on the leg and increases the dissolved oxygen content of the solution.
- **Depth:** The depth of the water is proportional to the pressure exerted on the leg which aids fluid and waste dispersal; this can be varied according to position and severity of the injury.
- **Biological Control:** With water hygiene levels continually being maintained with a combination of fine filtration, chlorination, cold water and salt, the ECB Spa allows thousands of successive treatments. These same factors not only prevent further micro-biological infections but actually help treat any pre-existing conditions.
- **Dissolved Oxygen:** As water gets colder its ability to carry oxygen increases and with the ECB Spa also being aerated, the oxygen content is increased dramatically. It is believed that the spa has similar effects on internal equine leg injuries to that of hyperbaric chamber treatments in humans; and with topical wounds, re-oxygenation allows natural defence systems to intensify in their therapy.

Why choose the ECB Equine Spa above the rest?

- The only equine spa on the market which is supported by the pioneer of cold salt hydrotherapy, Professor Evan Hunt
- Each spa comes with an introducing 'half door' for first time horses and youngsters
- Designed to be robust, durable and safe for both horse and handler
- The spa is built from fiberglass – proven to be the safest and strongest spa material
- Faster filling/emptying of spa and fully controllable aeration
- Insulated 2000 litre tank built into the spa reducing running costs
- No grooves or materials used that can harbor bacteria

“The best equine invention since the bridle.”

Jim Bolger, leading Irish trainer, bought his first ECB Equine Spa in 2004 and has since put another two units in his yard.

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Fact File

Dimensions of the ECB Spa

External:

Height from floor: 166cm

Width: 230cm

Length: 255cm

Internal:

Height from chamber floor: 153cm

Width of chamber: 79cm

Length of chamber: 233cm

Positioning your ECB Spa:

Ramps are required to ease entry and exit (unless the spa is sunken to floor level).

To meet step height: 14cm

Width of ramp: 230cm

Length of ramp: from 100cm

Allow sufficient room to load and unload the horse from either end.

Electricity: An electricity supply is required to run the spa and chiller.

Water: There should be nearby access to water for filling when required.

The ECB Package

- ECB Equine Spa
- Chiller unit
- Manure collection harnesses
- Starter pack of salts and chemicals
- Delivery
- Installation
- Training
- 12 months parts and labour warranty
- Continued support from ECB Equine and Professor Evan Hunt

Maintenance and Running Costs

Costs for running the spa are very low. Due to the superior workings and speed of the ECB Spa you are able to spa 3 horses per hour (approx. 3 minutes filling/emptying times with 10 minute treatments). With the spa water continually being recycled and stored in an insulated tank, the water when managed correctly can be used for up to 3,000 treatments.

Full maintenance support and spa supplies are provided by ECB Equine Ltd.

Expected Return

Professional yards who have installed an ECB Spa have seen huge returns in terms of reduced problems; time back to competition; durability; and performance. Rehabilitation yards offering hydrotherapy treatments have had significant financial as well as equine therapeutic returns.

Proven Results

The initial research, undertaken by Professor Evan Hunt at the University of Sydney, showed dramatic healing responses from using the spa on a wide range of lower leg injuries. Since that initial work, tens of thousands of horses have received equine hydrotherapy treatment, demonstrating the mass of existing clinical evidence, recounting that horses recover from injury quicker than would normally be expected.



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The ECB Human Spa

The ECB Human Spa is an unparalleled development combining ECB's experience of cold salt hydrotherapy with well researched and documented use of cryotherapy. It offers a specialised treatment which can aid the prevention and treatment of leg injuries.

ECB has taken the routine use of ice baths within the sporting world to the next level - introducing a lower sustained water temperature which is fully controllable (2-15C). A high concentration of salts is also added, along with the integration of high powered aeration to the water.

The ECB Human Spa has been designed to be durable, practical and easy to operate.

What the Spa treats?

Cold salt hydrotherapy can be used to aid the majority of lower leg injuries including:

- Tendons
- Ligaments
- Sore Shins
- Shin Splints
- Achilles Tendons
- Soft Tissue
- Open Wounds and Infections

The healing of these injuries is normally prolonged with new tissue type being generally weak and prone to re-injury.



The spa assists the healing of these injuries in two ways; firstly, by keeping the leg temperature much lower, the effect of fibre deteriorating collagenase is greatly reduced and secondly, by reducing the swelling, it allows collagen fibres to repair neatly.

By far the most effective way to utilise the spa is by injury prevention. With regular use of cold salt hydrotherapy post exercise, tissue temperature decreases as cold water immersion serves to diminish metabolism and the inflammatory process.



The therapeutic effects

- **Temperature:** ECB Cold Spa solution is maintained at the desired temperature to minimise heat and inflammation. This also offers analgesic pain management and inhibits enzyme degeneration post exercise and injury.
- **Salt Concentration:** The salt solution acts as a hypertonic poultice as well as aiding the healing of open wounds.
- **Aeration:** Water aeration has a massaging effect on the leg and increases the dissolved oxygen content of the solution.
- **Depth:** The depth of the water is proportional to the pressure exerted on the leg. This aids

fluid and waste dispersal which is particularly common post exercise.

- **Biological Control:** By combining cold and finely filtered water with sea salt and chlorine, numerous treatments can be made before renewing the water. These factors not only prevent further micro-biological infections but can help treat pre-existing conditions.
- **Dissolved Oxygen:** As water gets colder its ability to carry oxygen increases and with the ECB Spa also being aerated, the oxygen content is increased dramatically.

Why choose the ECB Human Spa above the rest?



"Aston Villa FC is delighted to recommend Cold Spa.

Ice baths have become one of the most common ways of recovering after intense football sessions and matches.

To date there is no hard scientific evidence to back the use of cold water immersion following exercise and no definite guides exist as to how often to use them or how long to stay in them. However, most sportsmen and specifically our players at Aston Villa agree that they feel benefits in terms DOMS (Delayed Onset Muscle Soreness) and improved recovery rates.

The use of cold water immersion is justified by the theory that hard physical activity and especially contact causes microscopic muscle damage and swelling. Cold water and ice shut down the superficial blood vessels and the blood is diverted to the deeper positioned muscles. Our programme involves 10 min cold with a 2 min hot water immersion which has a "flushing out" effect upon the muscles.

As a fitness coach my role is to find as many ways as possible to 'get the edge' over our opponents. Using ice baths are certainly not new, but without doubt we strongly believe that ECB Cold Spa offer probably the best product for this type of session."

Jim Henry, First Team Head of Strength & Conditioning, Aston Villa FC.

Fact File

Spa Specifications

	UK	US
Height from floor (exterior):	1180mm	52.5 in
Width (exterior):	735mm	27.5 in
Length (exterior):	1640mm	67 in
Water Capacity:	550 litres	145 gallons
Chamber Depth:	1170mm	46 in

Water Supply

No connection required

Maintenance and Running Costs

Costs for running the spa are very low. With correct management the water can be continually recycled. The tank is insulated to help keep the water at its optimum temperature which in effect reduces the running costs associated with the chiller unit.

The Spa comes in Four Parts:

The Spa 1640mm Length X 1180mm Height X 735mm Width

The Steps 1050 Length X 560mm Height X 640mm Width

The Handrail

Chiller Unit

Small Chiller 560mm Square
1196mm high

Large Chiller 700mm Square
1350mm High

ECB Spa Package

- ECB Cold Spa
- Chiller unit
- Starter pack of salts and chemicals
- Full training
- 12 months parts and labour warranty
- Continued support from ECB Cold Spa

(Worldwide shipping available upon request).



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