



ICE HORSE® Continuous Flow Cold Water System SET-UP AND OPERATION ~ (PAGE 1)

Operation Instructions

WARNING: Before using the ICE HORSE model 1100 or model 2200 ECT™ (Equine Cold Therapy) System, Read the enclosed instructions carefully and completely. Consult with your veterinarian for treatment detail.

DIRECTIONS

- 1 Add in 7lbs of ice, then add 2 quarts of cold water to the fill line. Top off with remaining ice as available. Note: the pump inlet is at the bottom of the pumping unit. Operation without adequate fluids will damage the pump. Please be sure the container is free of hay, straw, manure, shavings or other debris.
- 2 Connect the hose to the cooling pad. To ensure a proper seal, listen for a “click” on each connector. IMPORTANT: Fill the pad before placing it on the equine limb.
- 3 To start the pump and fill the pad, simply turn the unit on. Plug the power supply into an electrical outlet and insert the cord from the adapter into the connector at the front of the unit.
- 4 Stop the pump after charging the pad(s) by removing the electrical connection to the system.
- 5 Disconnect the filled pads from the unit and position the filled pads on the horse’s leg(s).
- 6 Using the compression bandage, wrap the filled pads on the horse’s leg(s) using mild compression.
- 7 Suspend the black strap around the horse’s neck like a martingale.
- 8 Pass the hose from the unit through the “martingale” strap.
- 9 Connect the hose(s) from the unit to the wrap on the horse’s bandaged leg. Again, listen for the “click” of the hose connection that indicates a sealed connection. If the water temperature remains at the ambient temperature, disconnect the hose from the pad and connect again. Listen for the “click” once again that ensures the sealed connection which permits water flow from the container holding the ice and water.
- 10 Restart the pump by re-inserting the power cord from the stable power source to the pump motor.
- 11 When the ice has melted, refill the unit with ice and water (see the product’s enclosed instructions). Stop therapy and make sure the device is unplugged during the refilling procedure. Once the unit is refilled, check the temperature and adjust as necessary, then resume therapy.

FOR TECHNICAL ASSISTANCE, CALL 800-786-6633 or visit MACKINNONICEHORSE.COM.



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Important Notes

ICE HORSE™ Circulatory Wrap Application

- + **Thoroughly wet (sponge) the horse's leg(s) with cold water prior to treatment.**
Thermal exchange is more efficient through water than the air surrounding hair follicles on the horse's leg.
- + Avoid crimping the circulatory pathways in the pad. This affects the cooling ability of the unit. Check all hoses to be sure they are free flowing and not crimped at the pad connection.
- + **The bandage supplied provides mild compression and insulation to the treatment site.**
The objective is to provide therapeutic treatment, not support for the horse's leg. Do not cinch the circulatory wrap or the bandage tight.
- + The neoprene bandage assists keeping the pad insulated, configured to the leg and firmly attached. Use the bandage to ensure the pad connection with the hose is parallel to the horse's leg and not crimped.

Cold Temperature Regulator and Thermometer (located on the insulated hose)

- + The ICE HORSE System has a thermometer installed in the hose regulator. **The thermometer permits direct monitoring of the amount of cold being delivered to the treatment site.** Vasoconstriction occurs at approximately 33°F. Vasodilation occurs from 45°F to 55°F.
- + To effect a higher temperature, restrict water from the thermal unit with the regulator valve (by turning the valve to right). The heat exchange from the horse's limb warms up the fluid in the pad. The temperature increase over time (3 to 5 minutes) can be noted on the thermometer.
- + Adjust the temperature control via the hand console, starting at the blue dot. Allow up to ten (10) minutes for the temperature to stabilize, adjusting to the temperature range. The thermometer on the regulator indicates the temperature range.
- + The snowflake symbol on the hand console (regulator) indicates maximum cold.

As practiced in the human athlete, now continuous equine cold therapy can be extended to the Equine athlete for a longer period of time at 45 to 55° F, with reduced concern for skin damage or nerve palsy. **The horse should be attended to at all times. Equine limb monitoring through the treatment period is essential.**

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