

User Manual Horse-Cooler licensed

NO GAS



we also provide a Horse-Cooler with 4 cooling pads.

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Introduction

It is common knowledge that a trauma is best treated by cooling at the point of injury.

Why do we choose for type of treatment?

First and foremost, to depress the swelling of tissue, which will develop because of the concentration of haematoma. By doing this, no further injury will develop.

Second, to bring down the inflammation which is inevitable after a trauma.

Third, to drop the CRP-value (C-Reactive Protein) in the blood.

What is C-Reactive Protein?

C-reactive protein (CRP) is an acute phase reactant. CRP is produced by the body in reaction to an acute trauma or inflammation.

Fourth, to relieve the pain and to give a feeling of relaxation.

And last but not least, to increase the circulation of blood so the body has the chance to remove the toxic residues.

Frio-Horse provoke all these things because of its intense cooling.

Tests have proven that this type of application lowers the CRP-value by 150%. Swelling disappears within 3 days or less. The recovery process is faster and the inflammation is brought down quickly or even avoided. All this without the use of anti-inflammatory drugs.

Presentation of the Horse-Cooler

The device is manufactured in INOX and is delivered equipped with standard cooling pad(s).

The cooling pad(s) are available in various forms and sizes.

The main switch and fuse is located on the front panel. On the display you can check the temperature of the cooling pads.

Handling the device

In general

The device works on a 220V current, 50Hz and the socket that provides the energy for the device must be on a line that has a fuse with a maximum of 16 Amps and a diff-o-jump of 30 mA. An earth connection is also needed. A separate diff-o-jump is available for max. safety.

You can pre-set the temperature with the display. You can also read the actual temperature of the cooling pad(s).

The highest pre-set temperature is 20°C and the lowest is 2°C. To pre-set the temperature, Push the left button and the display will show SP. Push up or down button until the desired temperature is reached. Push the left button again and the display shows the current

temperature in the cooling pads. No other parameters may be changed, if you do so, you lose all rights of warranty and insurance for human damage.

Treatment of a trauma

It is of great importance that you not only confer with your veterinary in the diagnosis and treatment of your injury; but also that your veterinary oversees your reintroduction to training.

Here are some examples of possible treatments :

NEVER COOL DOWN BEFORE TRAINING OR GAME.

- Preventive care.

Put the cooling pad(s) on the spot you expect trouble, preferably after training.

Continue this treatment for 30 minutes a day at a temperature of +/- 2°C.

- Treatment of an acute problem.

Put the cooling pad(s) on the trauma.

Continue this treatment for about 2 hours, three times a day at a temperature of +/- 2°C.

Tests show that this treatment yields the best results.

IT IS VERY IMPORTANT THAT YOU DO NOT DO PHYSICAL WORK IN THE FIRST HOUR AFTER TREATMENT, DUE TO THE INTENSE COOLING THE VESSELS AND TENDONS ; AS WELL AS, THE MUSCLES ARE SHRUNK (TIGHT) AND THEY MAY BE EASILY TORN. BECAUSE OF THE COOLING YOU WON'T FEEL PAIN ANYMORE AND AT THAT TIME YOU CAN DAMAGE THE TRAUMA WITHOUT FEELING IT;

Some tips:

While attaching the pads, you need to be sure that they fit very well to the area that needs treatment. Wrapping the pads too loose will eliminate contact. Wrapping too tight will obstruct the flow of the cooling medium. If the display doesn't show a drop of temperature, you have probably wrapped it too tight. Pay attention that the tubes don't bend too hard so they won't stop the flow.

Take good care and avoid damage to the cooling pad(s). Sharp pins are very dangerous for the life of the pads.

NEVER PUT THE MACHINE ON ITS SIDE OR ON TO LARGE AN ANGLE.

IF THIS SHOULD HAPPEN ANYWAY, PUT THE MACHINE BACK IN ITS VERTICAL AND NORMAL POSITION AND WAIT TO RESTART FOR AT LEAST 24 HOURS.

Maintenance of the Horse-Cooler-HUMAN: check the web-site for maintenance film

Because of evaporation the liquid level in the Horse-Cooler must be checked every two weeks or when you notice a change in thickness of the cooling pads.

If there is too less liquid in the Horse-Cooler the circulation will stop.

Follow the next steps:

- put the Horse-Cooler on a table and the cooling pad(s) on the floor
- switch the Horse-Cooler on
- open the reservoir and take off the rubber seal and the plastic floater.
- fill up the reservoir with a blue collared anti-freeze that stands -20°C (car engine coolant glycol available in every petrol station), the reservoir should be almost half full.
- close the reservoir (check web-site film)

Cleaning

FIRST DISCONNECT THE DEVICE FROM THE POWER SOURCE.

Clean the housing with a cotton towel and glass cleaner or a light detergent.

Keep the cooling openings open and clean, make sure not to pinch anything into the openings..

The cooling raster needs to be cleaned every 3 months. If it operates in a dusty area, it should be cleaned every month. The compressed air flow should go from front to the back if you are standing **FACING** of the device.

The device should be cleaned properly every year. For this maintenance, the machine has to be opened and this should be done by qualified personnel.

The pads may only be cleaned with water.

The cooling liquid is toxic and should not be consumed.

Trouble shooting

- The device doesn't start when you turn on the main switch.

Check whether the machine is plugged in.

Check the current on the socket.

Check the fuse.

- The machine doesn't show LCD.
Push the most right button.
Check whether the fuse is still ok .
- The device shows LCD but the cooler won't start.

Check whether the pre-set temperature hasn't already been reached.

- A pad doesn't cool down.

Check whether the tubes are bent too hard or the bandage is too tight

Precaution

If the machine stands in a place where the temperature is below zero, before you use the machine, be sure that the temperature on the display is positive. If not, put the pads in a bucket with water of $\pm 15^{\circ}\text{C}$ and start the machine. If the display shows positive temperature, then you can start the treatment.

There is a possibility that the horse is very sensitive to cold. Set the temperature a few degrees higher and lower it systematically.

Make sure that the electrical wires aren't damaged. The producer, nor the seller are responsible for damage due to an improper use of the device.

If you decide to stop working with the device permanently, it needs to be disarmed. The cooling medium has to be crushed and brought to a container park. All the other parts also need to be crushed and brought to a container park.

Warranty

1 year warranty: - mechanical problems - parts - man hours

The device needs to be transported to our workshop on your expense.

All the default caused by accidents, un proper use,... will not be repaired under warranty specification. You will receive an estimation of costs to repair.

The date of the invoice will count as a start of the year of warranty.

Other products:



Horse-Cooler-Gun: used to freeze pain





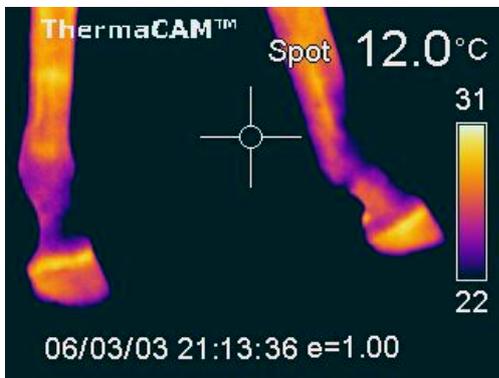
Horse-Cooler-Human with 4 cooling pads

Infra Rood non contact thermometer.

For tracking down up coming inflammations(hot spots), cold spots, blisters, back problems, checking a horse before you buy it,...



Shock wave: for treating inflammations acute and chronicle, back problems, dead tissue, ...



Infra rood camera

Scanning your horse, looking for inflammations, cold places, spotting the exact point of the problem.