

# **I**Vet**MATE**

## **IV Fluid Warmer**

### **User Manual**

VM13800



**FOR VETERINARY USE ONLY**



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Pour la traduction française du guide d'utilisation du IVetMATE, veuillez consulter:  
[https://aiv-inc.com/web/content/13910/IVetMATE\\_Frenchmanual.pdf](https://aiv-inc.com/web/content/13910/IVetMATE_Frenchmanual.pdf)

# **IVetMATE**

## **IV Fluid Warmer**

The IVetMATE IV Fluid Warmer is a dry-heat device that is designed to warm fluids safely through the heating plate. This unit does not control the fluid flow rate.

Fluid is warmed up to 120°F/49°C inside the heater. Depending on the distance from the point of insertion and the fluid flow rate, fluid can be warmed between 98°F/37°C and 100°F/38°C at flow rates between 35ml/hr and 300 ml/hr. Refer to the chart on the front of the fluid warmer and on page 6 of this manual for optimal distance from the infusion site to the exit of the fluid warmer with respect to flow rate. The IVetMATE IV fluid warmer is not recommended for blood.

The IVetMATE IV fluid warmer is made in the USA and is for veterinary use only. It has been tested to comply with UL/CSA 60355-1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **Precautions:**

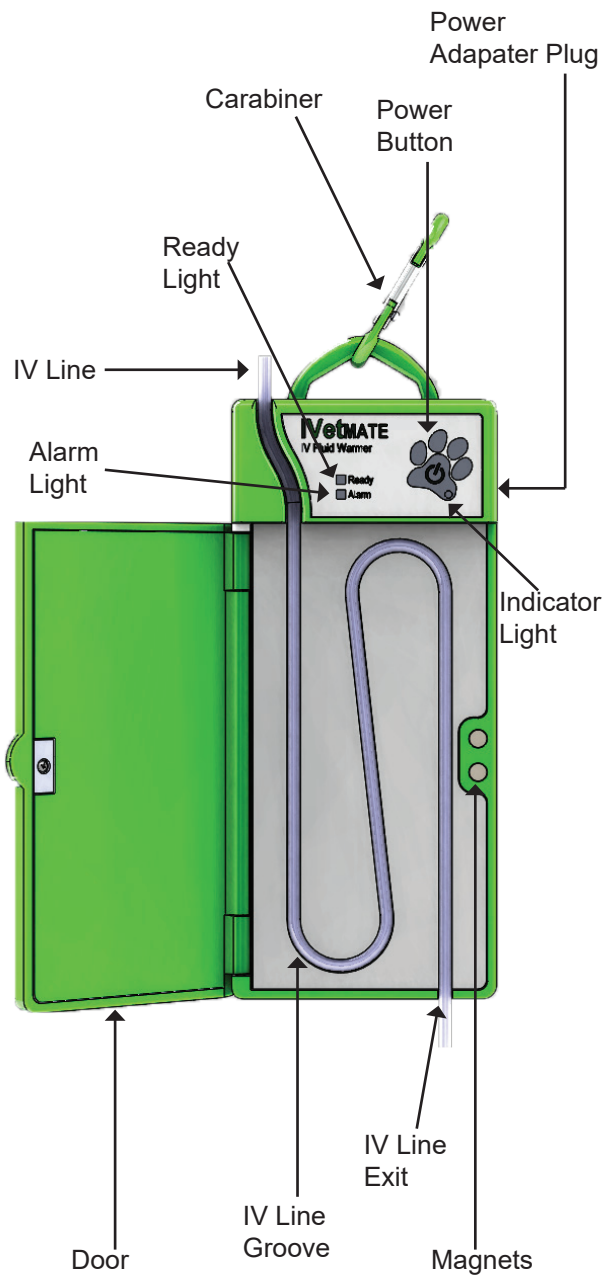
**Before using the IVetMATE IV Fluid Warmer, please read this Users Manual and the safety precautions. If you have any questions or would like to place an order for additional units, please contact AIV, Inc. at 800.516.1435.**

- The IVetMATE IV Fluid Warmer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities. or lack of experience or knowledge, unless they have been given supervision or instruction concerning use of the IVetMATE IV Fluid Warmer by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the IVetMATE IV Fluid Warmer.
- Do not use around water or submerge as it can cause electrical shock.
- Do not touch the heating plate. It is hot to touch and could result in injury.
- Purge all air from fluid lines prior to connecting the line to the patient.
- Use of the IVetMATE IV Fluid Warmer should be under guidance of veterinary staff and should not be used with heat sensitive medications.
- The IVetMATE IV Fluid Warmer is only to be used with the provided power supply.

## **Instructions:**

**If you are using an infusion pump, unit should be placed under the IV line's exit from the pump.**

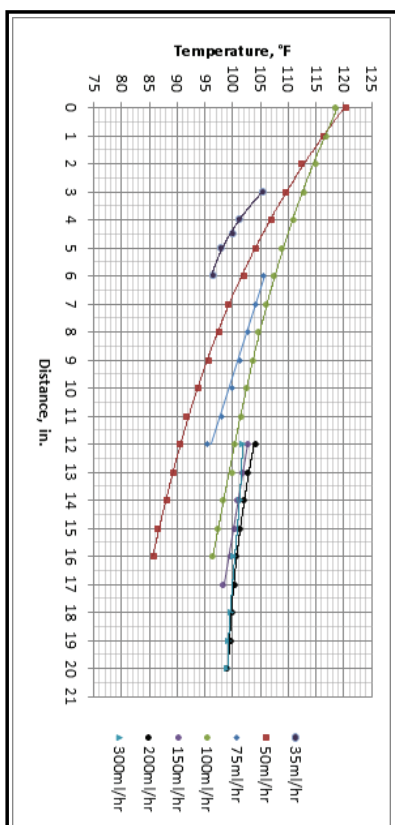
1. Hang the IVetMATE IV fluid warmer on the IV pole or cage or lay it on the table.
2. Feed IV line through the groove on the fluid warmer and close the door.
3. Plug the power adapter into the IVetMATE IV fluid warmer.
4. Plug the power adapter into a properly grounded outlet.
5. Press the power button. The blue indicator light on the front will illuminate and the alarm will briefly sound. The indicator light will remain lit while the unit is turned on. Heating will begin immediately and the ready button will illuminate when the unit has reached approximately 120°F/49°C (8 minutes).
6. Turn the unit off by pressing and holding the power button for 3 to 5 seconds.
7. Unplug the unit from the outlet and wipe the surface with a 70-75% solution of Isopropyl Alcohol and water.



## Temperature Data:

Optimal Distance from Exit of the Warmer (T = 100 - 98°F / 37° - 36°C)	
Rate, ml/hr	Inches
35	4.5-5
50	6.5-8
75	10-11
100	12-14
150	15-17
200	17-20
300	16-20

Data collected at an ambient temperature of 72°F/22°C to 74°F/23°C.





## **Alarm Function:**

There are two conditions under which the Alarm LED will illuminate and the Alarm Buzzer will sound.

1. At power-up, the Power LED will illuminate and the Alarm LED will flash once and the buzzer will sound briefly. If LEDs do not illuminate and buzzer does not sound, check that the power connector is fully engaged and/or the power adapter is plugged into a functioning wall outlet.

2. If the heating plate temperature exceeds 120°F/49°C, the Alarm LED will illuminate, the buzzer will sound continuously, and the heater will turn OFF. It is recommended that the IV line be removed and the IVetMATE be manually turned OFF by pressing and holding the power button for 3 to 5 seconds. Allow the unit to cool for at least 10 minutes with the door open before using it again.

If the alarms continuously activate at power-up, or the warmer frequently overheats, remove the IVetMATE from service and contact AIV Customer Service at 800.990.2911.

## **Cleaning & Maintenance:**

- Unplug the warmer when not in use.
- Do not wrap the power cord around the unit. Improper storage may result in cord damage or malfunction.
- Wipe all surfaces of the warmer with a solution on 70-75% Isopropyl Alcohol and water.

## Warranty:

AIV warrants the IVetMATE IV fluid warmer for 12 months against defects in material or workmanship. AIV reserves the right to perform warranty service at its own facility. Warranty of IVetMATE IV fluid warmer is limited to repair and/or replacement of defective parts, if defect occurs during normal service. AIV disavows liability for damage of items in shipment to the customer.

## Specifications:

### Power:

Power Supply Input: 100-240VAC, 1.5A,  
50/60Hz

Power Consumption: 12VDC, 1.2A

### Temperature Control:

Temperature of Heating Plate: 120°F/49°C  
± 2°F/1°C

Time to Full Temperature: ≈ 8 minutes

Fluid temperature at the infusion site depends on flow rate and distance from warmer exit.

### Physical:

Dimensions: 7 x 2.9 x 1.2 in.  
(178 x 74 x 31 mm)

Weight: 0.66 lb. (300 g)



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