FLOW RATE FACTORS



Certain factors may impact the flow rate, which can result in longer or shorter infusion times during treatment. This information sheet outlines these factors and offers helpful handling instructions. When filled to labeled volume, the EZ-FLOW $^{\text{TM}}$ Elastomeric Pump accuracy is 15% of the labeled flow rate when delivering 0.9% normal saline as the diluent at 73°F.*

FLOW RATE INFLUENCING FACTOR HANDLING INSTRUCTIONS • Avoid placing the pump under covers or blankets. · Avoid situations that can result in excessive **TEMPERATURE** temperature changes to the fluid reservoir. · Avoid exposing the pump to direct sunlight. EZ-FLOW fluid reservoir is calibrated • Avoid wearing the pump reservoir underneath to work at room temperature clothes in direct contact to the skin. $(73^{\circ}F + / - 3.6^{\circ}F)$ If the pump was refrigerated, allow it to reach room temperature prior to use. VISCOSITY EZ-FLOW flow rates are calculated based Using a diluent with a viscosity higher than 0.9% Sodium Chloride will decrease the flow rate. on the use of 0.9% Sodium Chloride as the diluent **FILL VOLUME** Avoid exceeding the maximum fill volume*. The flow rate is most accurate when Avoid filling less than the minimum fill volume*. filled to the labeled volume Avoid placing the pump on the floor. Avoid hanging the pump from a bed post or IV pole. **PUMP POSITION** • When standing or walking, the pump can be placed EZ-FLOW should be positioned at in a carry pouch and worn around the waist or approximately the same level as the chest, depending on the VAD. Venous Access Device (VAD) • Placing EZ-FLOW at a higher or lower level than the VAD may result in an altered flow rate. **ACTIVITY** Avoid vigorous physical exercise that could increase Activity that increases the patient's body body temperature or blood pressure. temperature or blood pressure may affect the flow rate **EXTERNAL PRESURE** • Avoid unnecessary external pressure on the pump. External pressure such as squeezing or laying Avoid sitting or sleeping on the pump. on the pump increases the flow rate

*Refer to the Instructions for Use for more details.

