



**BearsPaw  
Environmental  
Corporation**

## **BearsPaw Separators - CeptorH2X** *(Filtration Separator for Liquid Pumps)* **Operating & Maintenance Manual**

IMPORTANT: READ AND FOLLOW ALL INSTRUCTIONS  
SAVE THESE INSTRUCTIONS



SAVE THESE INSTRUCTIONS

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### **Important Notice**

**Attention User.**

This manual contains operation and safe use of this product. This information should be given to the owner/operator of this equipment.

### **WARNING**

Before using this product, read and follow all warning notices and instructions accompanying this tool. Failure to follow safety warnings and instructions can result in severe injury, death, or property damage.

**Please read these warnings and use the assembly instructions completely and carefully before starting. Failure to do so may cause product failure.**

**IMPORTANT:** The CeptorH2X is pre-assembled for your convenience and ease of installation. Check to make sure the unit is intact and undamaged and all parts have been supplied. Never substitute parts for those supplied. Doing so may cause product failure.

**WARNING-DANGER:** Using electrically operated equipment near gasoline or gasoline vapors may result in a fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards, and always use proper precautions.

**Notice:** BearsPaw Environmental Corporation products must be used in compliance with applicable federal, provincial, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Prices, materials, and specification are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation.

## **SECTION VII. LIMITED WARRANTY**

### **LIMITED WARRANTY**

All products are warranted to be free of defects in material and workmanship for a period of one year from the date of shipment, subject to the limitation below: if the purchaser believes a product is defective, the purchaser shall:

- A. Notify the manufacturer, state the alleged defect and request permission to return the product
- B. If permission is given, return the product. If the product is accepted for return and found to be defective, the manufacturer will, at its discretion, either repair or replace the product.

Other than to repair, replace or refund as described above, the purchaser agrees that the manufacturer shall not be liable for any losses, costs, expenses or damages of any kind arising out of the product's use, installation or technical data of any kind, description of product use, sample or model, warnings or lack of foregoing. No other warranties, written or oral, expressed or implied, including the warranties for fitness for particular purpose and merchantability, are made or authorized. No affirmation of fact, promise, description, of product use or sample or model shall create any warranty from the manufacturer, unless signed by the president or vice-president. These products are manufactured, sold and intended for commercial use only.

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## SECTION VI. TECHNICAL DATA

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### CeptorH2X Product

Filtration separator for liquid pumps.



### Models:

- CeptorH2X 2.22
- CeptorH2X 2.90
- CeptorH2X 3.22
- CeptorH2X 3.90
- CeptorH2X 4.22
- CeptorH2X 4.90

*See website for technical data for your model.*

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## SECTION I. HOW YOUR CeptorH2X (a Filtration Separator) WORKS

Your CeptorH2X is designed to separate particulate matter from water and operate for long periods with a minimum of maintenance when installed, operated and maintained in accordance with these instructions.

Particulate matter is separated and ejected in the CeptorH2X as water flows through it.

After a period of time, biologics may accumulate in the CeptorH2X causing a resistance to the flow of water. This resistance may result in a diminished flow of water. Eventually the CeptorH2X filters will have to be removed and it will be necessary to clean or replace these filters. See Section V, Cleaning the Tool and Filter.

## SECTION II. READ CeptorH2X SAFETY MANUAL

## SECTION III. INSTALLATION

To install the CeptorH2X, you will need the following tool- a knife.

1. Verify that the CeptorH2X Model is optimal for your environment and equipment.
2. Carefully remove the equipment from the carton and check for any evidence of damage due to rough handling or shipping. If any of the equipment is damaged, immediately notify the manufacturer.
3. Ensure proper grounding is in place prior to pumping.
4. Tool should be placed in lowest point of the containment site to be pumped out. Tool is placed on Top of sand or gravel and is not to be used as a shovel.
5. Prior to use, ensure venting is connected when vapor recovery is required.
6. Follow the correct Cam Lock procedure. Attach the tool and pump connector assemblies together.



2.

## SECTION IV. INITIAL START-UP AND RESTART INSTRUCTIONS

1. Be sure all connections have been made and are secure.
2. Check the system for water leaks. If a leak is found, shut off pump before correcting the leak.
3. As the filter removes the biologics, the accumulation may cause the tool flow to diminish. When it is then time to clean the filter's cellular media elements, see Section IV, Cleaning the Tool and Filter.

## SECTION V. CLEANING THE TOOL AND FILTER

1. Cleaning frequency will vary from situation to situation with other factors such as contaminants.
2. Turn the pump off. Shut off any automatic controls to assure that the system is not inadvertently started during servicing.
3. Disconnect the pump Cam Lock from the CeptorH2X.
4. Disconnect the tool safely and remove from the environment.
5. Steam or pressure wash unit as required.
6. Remove filter medium, wash out, and replace.
7. Clean and remove any debris from inside the filter body.
8. Replace the FILTER into the filter body.
9. Follow installment instructions to restart.

 <b>STATIC ELECTRICITY WARNING</b>	
	<b>To reduce the risk of electrical shock, safe grounding practices must be followed. Failure to do so could result in an electrical shock to Tool users or others which can result in serious personal injury or death.</b>

3.