



# **DOSATRON<sup>®</sup>**

An Ingersoll Rand Business

25-Gallon Mobile Coolant Fill System

## **Quick Hook-Up Kit**

Assembly Instructions

**Part #: HSPK25COOLKIT**



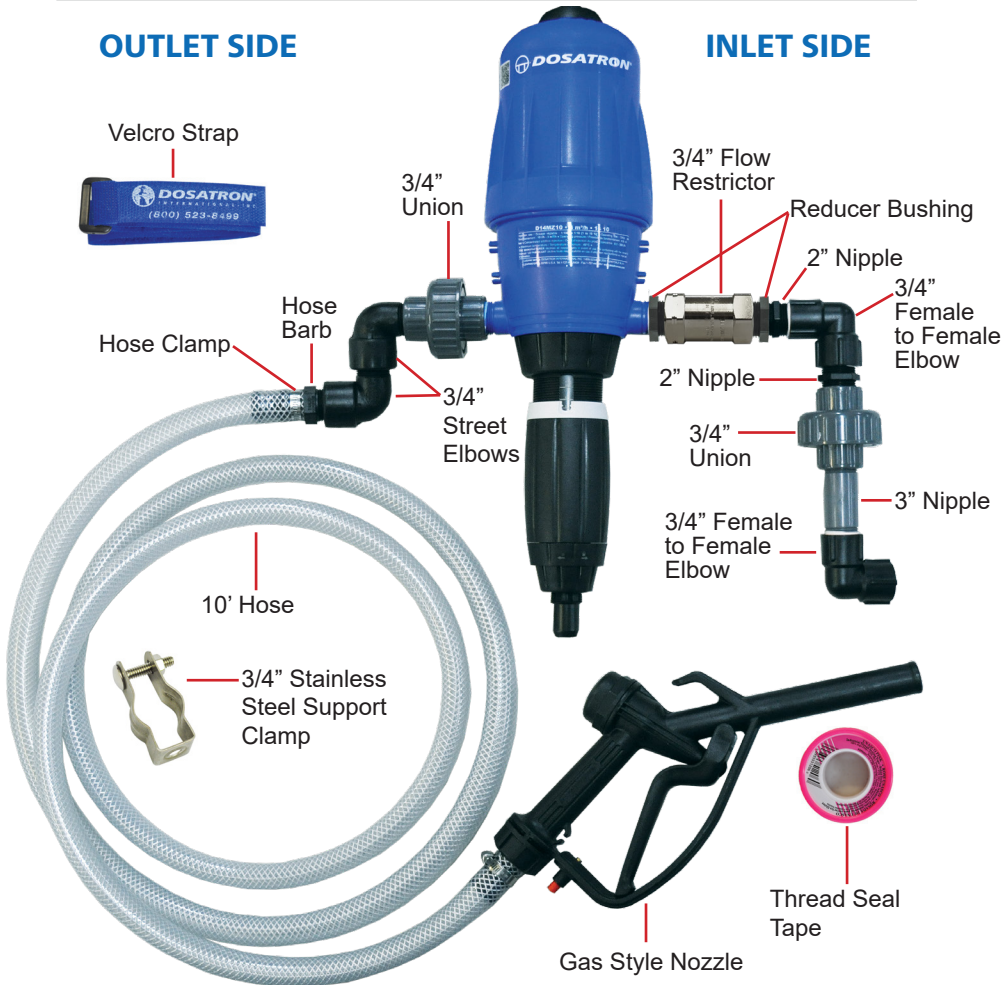
(Fits 14 GPM Dosatron injectors not included in the kit)

## Contents Shown Assembled (Dosatron unit sold separately)

2 - 3/4" Female to Female Elbows	1 - 3/4" Stainless Steel Support Clamp
2 - 2" Nipples	1 - 3/4" Hose Barb
1 - 3" Nipple	1 - 10' Hose
2 - 3/4" Unions	2 - Hose Clamp
1 - 3/4" Stainless Steel Flow Restrictor	1 - Gas Style Nozzle
2 - 1" to 3/4" Reducer Bushings	1 - Thread Seal Tape
2 - 3/4" Street Elbow	1 - Velcro Strap

### OUTLET SIDE

### INLET SIDE



**Call 1-800-523-8499 for support**



Before you begin, be sure to wear the proper protection, such as gloves, eye wear, and apron. Tools needed:

Flat Head Screwdriver	Phillips Head Screwdriver
Box or Crescent Wrench	Food Grade Lubricant

## INLET SIDE

### STEP 1



To begin, be sure to wrap all pieces with the **thread seal tape**, in a clockwise rotation, around the pipe threads. This will prevent the tape from coming off during assembly.

### STEP 2



To assemble the inlet side, insert a **1" to 3/4" reducer bushing** to each side of the stainless steel **flow restrictor**.

### STEP 3



Thread a **2" nipple** to the **reducer bushing** on the inlet side and hand tighten.

**Note:** the arrow on the flow restrictor points in the direction of the flow.

### STEP 4



Thread the **3/4" female to female elbow** to the nipple.

### STEP 5



Attach the other **2" nipple** to the other side of the **elbow**.

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## STEP 6



Attach one of the **unions** to the **nipple**.

## STEP 7



Attach the **3" nipple** to the **union**.

## STEP 8



Connect the other **3/4" female to female elbow** to the **3" nipple**.

You have completed the inlet side assembly.

## OUTLET SIDE

### STEP 9



Hold the other **union** in your hand as shown and attach one of the **street elbows** to the **union**.

### STEP 10



Attach the other **street elbow** to the end of the elbow and turn to a 90° angle, as shown.

### STEP 11



Take the **3/4" hose barb** and attach to the thread on the **elbow**.

You have completed the outlet side assembly.

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# INSTALL INLET AND OUTLET

## STEP 12



Before installing the assemblies, thread the inlet and outlet of the Dosatron with **thread seal tape**.

## STEP 13



Pick up your **inlet assembly** and attach the **flow restrictor** end to the inlet side of the Dosatron. Note the direction of the arrow in both unit and flow restrictor. Hand tighten.

## STEP 14



Pick up the **outlet assembly** and attach the **union** to the outlet side of the Dosatron. Hand tighten.

You have completed installing both assemblies.

# INSTALL SS BRACKET ON CART



**NOTE:** The SS Bracket, and associated hardware, is provided with the 25-Gallon cart (Part #: HS25) and is not part of the HSPK25COOLKIT.

## STEP 15



### Kit includes:

- 6 - 1/4", 20 x 1 3/4" Hex Cap Stainless Screws
- 6 - 1/4", 20 NE Nyl. Ins. Locknuts
- 6 - 1/4" x 5/8" OD Flat Washers
- 1 - SS Bracket for Mounting Dosatron Unit

## STEP 16



Align the 6 holes on the stainless steel bracket with the predrilled holes on the cart handle.

Insert the bolts provided.

**NOTE:** One of the holes on the bracket is larger than the other 5. Do not place the bolt in that hole yet.

## STEP 17



Take the hose support clamp provided in the hook-up kit. Place the last bolt through the hole on the hose support clamp and then through the remaining hole on the bracket.

From the underside of the handle, install one washer and locking nut onto each bolt.

Be sure not to overtighten!

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# INSTALL HOOK-UP KIT TO CART

## STEP 18



Attach the **Dosatron bracket** to the cart using the screws included on the cart.

Using a Phillips head screw driver and a box or crescent wrench, tighten the screws.

## STEP 19



Thread the **strap** through the slits in the bracket.

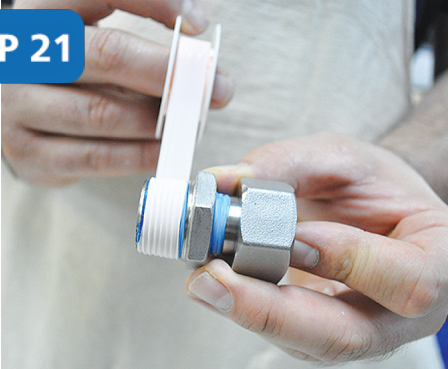
## STEP 20



Install the unit and assemblies onto the cart, with the inlet side on the right side of the cart. The Dosatron arrow will be pointing left.

**NOTE:** You may need to slightly adjust the inlet and outlet assemblies to line up with the brackets included on the cart.

## STEP 21



Wrap **thread seal tape** around the threads of the **stainless steel hose adapter** supplied with the cart.

## STEP 22



Install the **stainless steel adapter** parts by placing one washer on the inside of the cart bracket and one on the outside. Thread the stainless steel hose adapter onto the elbow and tighten with a box crescent wrench for a snug fit.

## STEP 23



To install the **hose** onto the **hose barb**, place the **hose clamp** over **hose**. Spread support clamp on cart and attach hose with clamp onto the **hose barb**. Tighten clamp with flat head screw driver. Using a Phillips head screwdriver, tighten support clamp using hardware provided with cart.

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## STEP 24



Place the **hose clamp** over the other end of the **hose** and attach to the **gas style nozzle**. Tighten the **hose clamp** with flat head screwdriver.

## STEP 25



To attach the injection pickup hose to the Dosatron, place the strainer onto the hose and drop into the top of the cart tank. Thread the hose up through the hole on the top and attach a clamp to the hose. Thread the hose and clamp onto the Dosatron barb. Tighten clamp with a flat head screwdriver.



LIT-EN-HSPK25COOLKIT



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