Installation - Service Parts No. 9BD

Backflow Preventer Conversion Instructions For Dole Universal "Temprite" Carbonator

Sizes: ⅜" FCT x ⅜" FCT, ¼" NPTM x ¼" NPTM, ⅜" NPTM x ⅜" NPTM,

To Convert Present Installations:

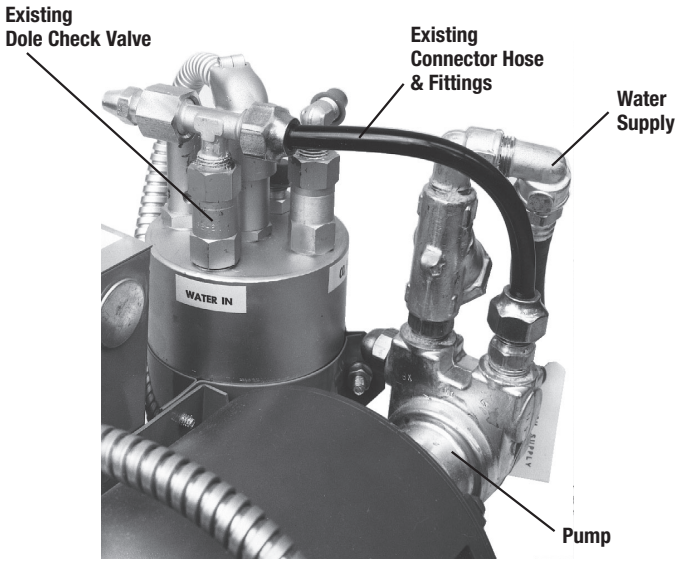
1. Disconnect electrical supply to motor.
2. Shut off water supply to pump.
3. Shut off CO_2 supply valve.
4. Relieve pressure in carbonator tank by pulling up on relief valve stem.
5. Remove hose and fittings connecting pump to tee on top of carbonator tank.
6. Remove tee on top of check valve on carbonator tank and discard the tee but save the tubing fittings from the plain water take off for use later.
7. Remove hose and fittings connecting pump to check valve on carbonator tank.
8. Remove the top half of the check valve leaving the bottom half in the carbonator tank. (Be sure to remove the rubber check and spring from the bottom half of the check valve.)
9. Install the Dole Universal “Temprite” or Amseco Niagara “Selmix” Carbonator and Seal with Watts 9BD Backflow Preventer directly into the bottom half of the existing check valve. (Directional flow arrow on the valve body must point to the tank).
10. Disconnect existing connector hose and fittings from outlet side of pump and install new connector hose and fittings where needed. (Attach the hoses or plain water take off fittings from the tee removed above as required).
11. Connect the No. 9BD Backflow Preventer to the pump outlet by reconnecting the existing tube and fittings assembly. Connect a vent discharge line to the vent outlet of No. 9BD and vent to a safe place of disposal with adequate ventilation where CO_2 discharge is not a hazard.
12. Turn on CO_2 gas and adjust regulator to between 80 and 100 lbs. pressure.
13. Open soda water faucet for at least 30 seconds to blow all air out of carbonator.
14. Close faucet, turn on water supply and turn on power supply to pump motor.
15. When pump stops, open faucet again until full stream of carbonated water is obtained.
16. Use proper wrenches on all fittings **do not use pipe wrenches.**

Check Kits

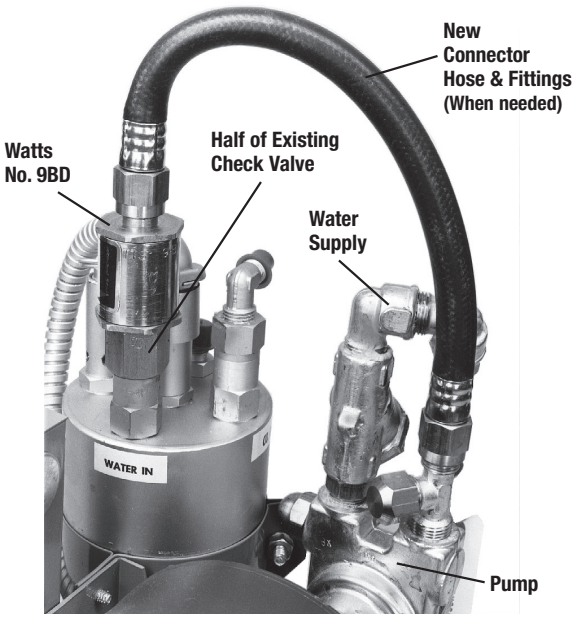
ORDERING CODE	KIT NO.	SIZES	
		in.	*mm.*
886012	RK 9BD T	¼ - ⅜	6 - 10

Kit includes: Primary and secondary check assemblies and two gaskets.

BEFORE



AFTER



WATTS®

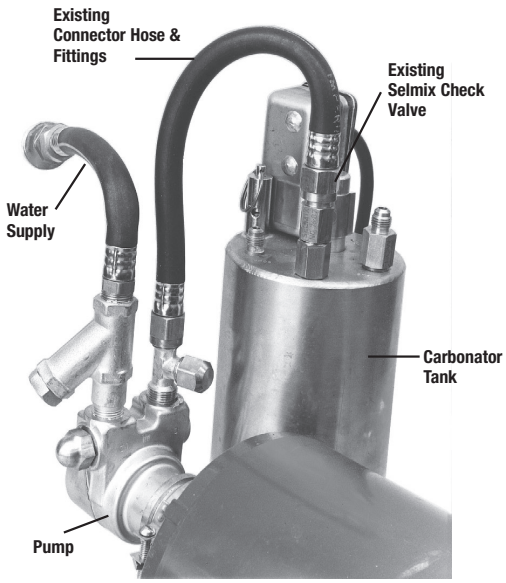
Series 9BD

Backflow Preventer Conversion Instructions For Ameseco Niagara "Selmix" Carbonator

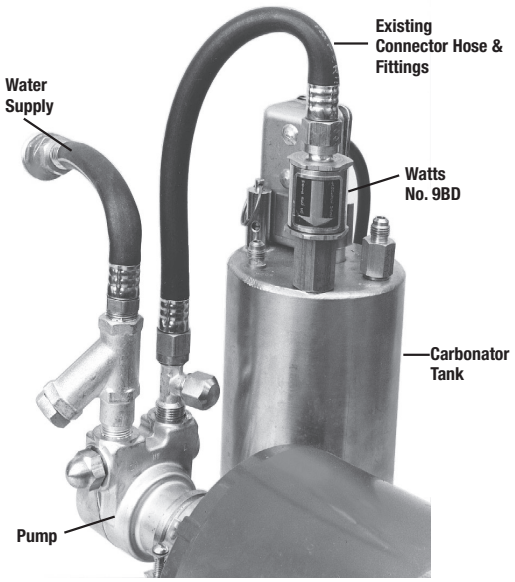
To Convert Present Installations:

1. Disconnect electrical supply to motor.
2. Shut off water supply to pump.
3. Shut off CO_2 supply valve.
4. Relieve pressure in carbonator tank by pulling up on relief valve system.
5. Disconnect hose and fittings connecting at check valve only on carbonator tank.
6. Remove and discard check valve from carbonator tank. (Be sure to remove and discard the second rubber check valve and spring inside the tank fitting).
7. Install the Dole Universal "Temprite" or Amseco Niagara "Selmix" Carbonator and Seal with Watts 9BD Backflow Preventer directly into tank tapping. (Be sure white rubber tanks seal is in place. Directional flow arrow on the valve body must point to the tank).
8. Connect the No. 9BD Backflow Preventer to the pump outlet by reconnecting the existing tube and fittings assembly. Connect a vent discharge line to the vent outlet of No. 9BD and vent to a safe place of disposal, with adequate ventilation where CO_2 discharge is not a hazard.
9. Turn on CO_2 gas and adjust regulator to between 80 and 100 lbs. pressure.
10. Open soda water faucet for at least 30 seconds to blow all air out of carbonator.
11. Close faucet, turn on water supply and turn on power supply to pump motor.
12. When pump stops, open faucet again until full stream of carbonated water is obtained.
13. Use proper wrenches on all fittings, **do not use pipe wrenches.**

BEFORE



AFTER



CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)

For more information: www.watts.com/prop65

Limited Warranty: Watts Regulator Co. (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.
THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.
Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**

WATTS®

ISO 9001-2000 CERTIFIED

Water Safety & Flow Control Products

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com
Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca

© Watts, 2008