

DFC Owner's Manual - Keg Mount

EXPLANATION OF THE DFC

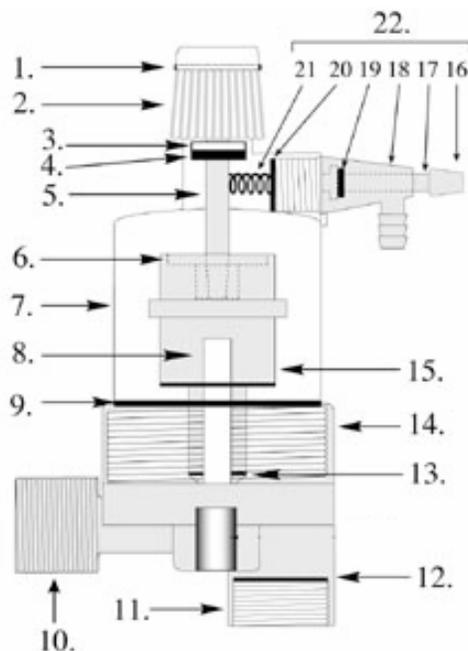
The Draft Foam Control (DFC) prevents CO_2 from entering the beer line at the end of a keg.

This device will keep the line filled with beer when the keg becomes empty and when a new keg is tapped and the DFC is reset, liquid beer will pour foam-free as soon as the faucet is opened.

Note: The DFC will stop beer from foaming when a new keg is tapped; however, it will not cure foamy beer problems caused by warm temperatures, improper CO_2 pressure, dirty beer lines or worn parts.

If you are experiencing foamy beer during the course of the keg, call the Draft Manager at your local beer distributorship and ask him to come out to your establishment to correct the problem.

If you have any questions, please call Alcohol Control's support line at 1-800-285-BEER (2337).



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|--------------------------------|---------------------------------|
| 1. Sliding "Float Shaft" Lock | 12. 5/8" Gasket |
| 2. Float Release Knob | 13. Float O-ring |
| 3. Float Shaft O-Ring Retainer | 14. Base |
| 4. Float Shaft O-Ring | 15. Lower Float Body |
| 5. Float Shaft | 16. Vent Button |
| 6. Uper Float Plate | 17. Vent Shaft |
| 7. Clear Top Chamber | 18. Vent Housing |
| 8. Removeable Injector Tubes | 19. Inner Vent O-ring |
| 9. Chamber O-ring | 20. Primary Vent o-ring |
| 10. Male Exhaust port | 21. Stainless Steel Vent Spring |
| 11. Male or Female Inlet Port | 22. Vent Assembly |

ROUTINE MAINTENANCE PROCEDURES

Beer Line Cleaner Responsibilities: To avoid dispensing difficulties, the DFC's should be flushed clean every time your establishments beer lines are cleaned, hereby referred to as the "Beer Line Cleaner." (Beer line cleaning is recommended every 2 weeks according to Brewery standards.) Inform your Beer Line Cleaner that the DFC's may be connected in *series* and flushed clean at the same time the beer lines are being flushed with cleaning solution.

To prevent the float from "seating" during cleaning, which will inhibit the flow of solution through the lines, make sure the Beer Line Cleaner has been instructed to twist the float release knob of the DFC counter-clockwise to the "up" position as far as possible, before flushing the line. During the flushing procedure, the Beer Line Cleaner should press the vent button a few times on each DFC to allow the cleaning agent to rinse the vent area.

Management Responsibilities: The DFC's should be hand-cleaned by management every month to prevent any yeast buildup. Un-tap the keg. Unscrew the 2 female swivel fittings, on the beer lines, from the DFC. Slide the DFC up and out of the wall bracket. Twist the base (#14) and the clear top chamber (#7) in opposite directions until they come apart. Rinse the inside under warm water to remove any buildup. Slide the white float up and down a few times to make sure it moves freely. Re-attach the clear top chamber to the base and re-install the DFC according to the instructions.

If you are interested in learning how to disassemble and reassemble all the pieces to the DFC, to perform an even more thorough cleaning, call 1-800-285-BEER and we'll fax you a sheet titled "Deep Cleaning the DFC."

RE-SETTING THE DFC AT KEG CHANGES

When the keg runs out of beer, disconnect the coupler (tapping device) from the empty keg and connect it to a full keg in the usual manner. Follow the 3 easy steps to re-set the DFC.

1. Slowly push the vent button (16) until the clear top chamber fills with beer. Hold a cup underneath the vent to capture any foamy beer purged from the DFC. Wait for foam in the chamber to settle, then vent again, making sure the chamber is full of liquid beer.
2. Turn the float release knob (2) counter-clockwise (upwards) to unseat the float. The white plastic float (15) will rise to the top of the chamber.
3. Once the float rises, twist the float release knob clockwise (downward) until it stops. The DFC is now operational and beer will dispense foam-free from the faucet.

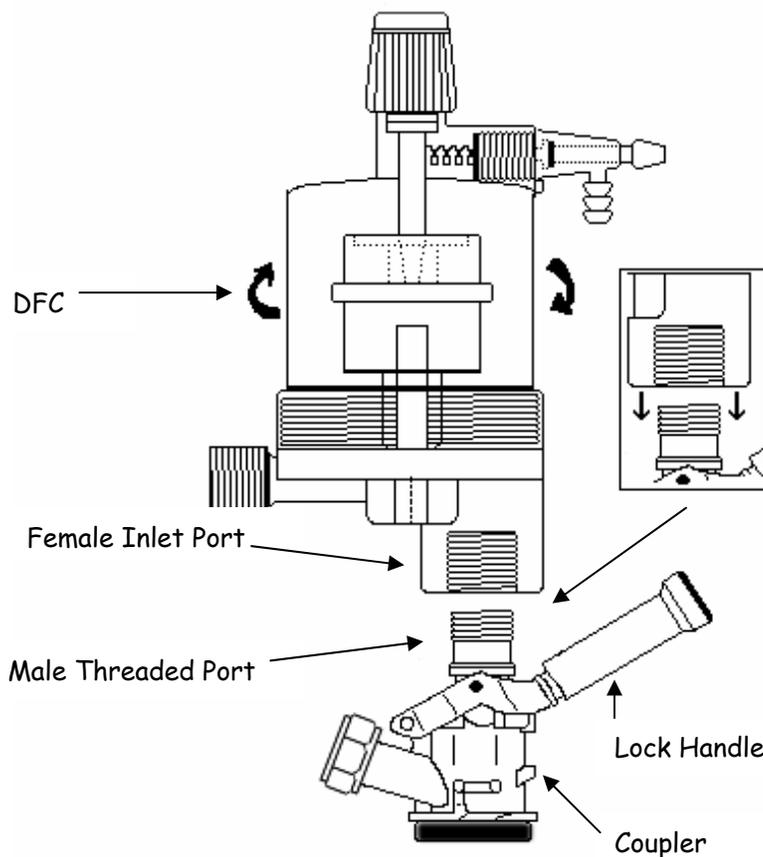
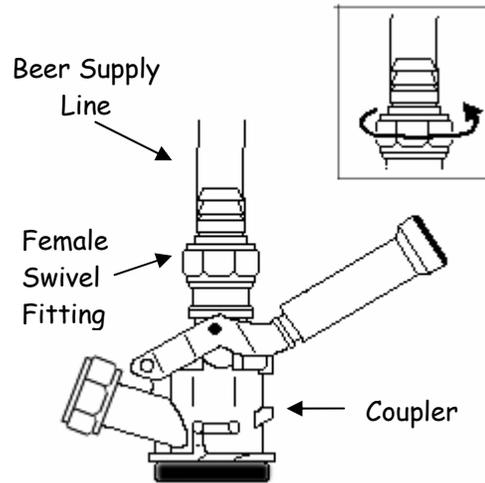
INSTALLATION OPTIONS

The DFC you purchased is designed to be mounted to the wall of the walk-in keg cooler. However, there is another model that can be mounted to the coupler (tapping device) on top of the keg. If this is your preference, please call Alcohol Controls at 1-800-285-BEER to coordinate the exchange of your DFC's, at no cost to your center, for the keg-mount DFC's.

KEG MOUNT INSTALLATION

1. Remove the coupler (tapping device) from the keg, as you would when tapping a new keg.

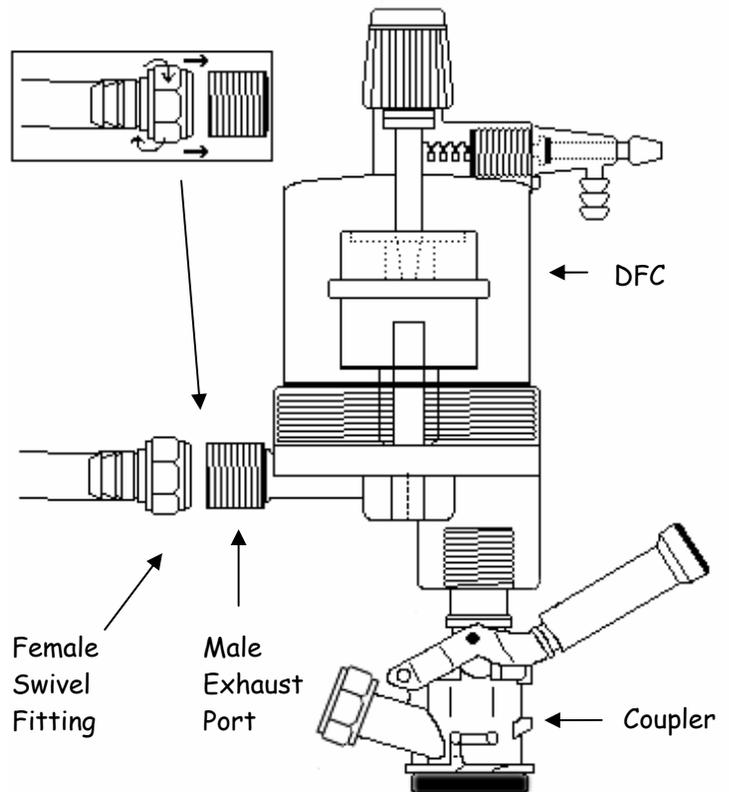
2. Unscrew the beer supply line from the top of the coupler. You may need a wrench to loosen the female swivel fitting.



3. Make sure the 5/8" gasket is seated inside the DFC female inlet port. Then hand-tighten the DFC onto the exposed male-threaded port of the coupler, where the beer supply line was previously attached. Slightly lower the coupler lock handle, to allow the DFC to completely tighten (only hand-tight) taking care not to lower it too far or CO₂ will escape.

Note: Some couplers have a male-threaded port which swivels, and a wrench will be required to hold it from turning when tightening the DFC onto the coupler.

4. Once the DFC has been secured to the coupler, attach the female swivel fitting (from the beer supply line you disconnected from the coupler in step #2) to the male exhaust port of the DFC. The beer line should thread easily to the DFC. If not, it may be *cross-threaded*. If this happens, stop, unscrew it and start again.



5. The DFC should sit vertically on the coupler (straight up, not sideways) to insure the float will drop and seal off the inlet to the DFC when the keg runs out of beer. This will keep the line filled with liquid beer by preventing CO_2 from entering the beer line.



Congratulations!

Now that you've successfully installed the DFC, you're ready for the 3 easy steps under the heading:

"Re-Setting the DFC at Keg Changes."

Note: After the DFC is initially installed, the first few beers poured may be foamy since the draft dispensing system was interrupted and CO_2 may have worked it's way into the beer lines.

DFC TROUBLESHOOTING GUIDE

A. Problem: Beer is leaking from the DFC after installation.

1. Cause: One of the beer line's female swivel fittings is not tightened properly onto the DFC.

1. Solution: Un-tap the keg. Loosen & retighten female swivel fitting that is leaking from the DFC.

2. Cause: The gasket (washer) is missing from one of the female swivel fittings.

2. Solution: Un-tap the keg. Unscrew the 2 female swivel fittings from the DFC. Look at the inside of the fittings to see if the gasket is missing. If it is missing, insert a new gasket all the way into the fitting and reattach to the DFC.

B. Problem: The DFC doesn't stop beer spraying from the faucet when a keg blows or foamy beer is being dispensed immediately after a fresh keg is tapped.

1. Cause: CO₂ worked its way into the beer line when the keg ran out of beer because the white float did not drop far enough to seal off the inlet to the DFC.

1. Solutions: a) Double check that the float release knob (2) has been twisted to the "down" position (clockwise). See step #3 in "Re-Setting the DFC." If the knob was left in the "up" position, the float won't seat properly to the bottom of the DFC, at the end of a keg, and prevent CO₂ from entering the beer line.

b) If the knob was in the "down" position, the float may be sticking in the "up" position because it has not been cleaned thoroughly and yeast buildup may have occurred. Perform the hand-cleaning tasks that are mentioned in the *Management Responsibilities* section under "Routine Maintenance Procedures."

2. Cause: Beer is too warm to dispense properly (over 39 degrees) ... or the CO₂ pressure is too high or too low ... or beer lines have a high yeast content ... or beer faucet parts may be worn or missing.

2. Solution: Contact the Draft Beer Manager at your local beer distributorship and have him personally come out to correct the problem.

C. To bypass the DFC due to unexplainable trouble, twist the black knob counter-clockwise into the "up" position and you will be able to serve beer in the usual manner.

**PLEASE DIRECT ANY QUESTIONS TO
ALCOHOL CONTROL'S SUPPORT LINE
1-800-285-2337 (BEER)
www.AlcoholControls.com**

Deep Cleaning the DFC

The Draft Foam Control (DFC) can be easily removed from the coupler, or wall bracket, and thoroughly cleaned by hand. If your beer line cleaning company will not disassemble the DFC to perform a detailed cleaning, it's a good idea for someone on your staff to do a thorough cleaning every 6 months.

A. Disassembly for Hand Cleaning

1. Unscrew the clear top chamber (7) from the base (14).
2. Remove the injector tubes (8) from the base by pulling upwards on one of the injector tubes.
3. Slide the float shaft lock (1) to the open position by pushing in the vertically grooved end of the sliding float shaft lock (1) using the tip of a screwdriver or pen. An "O" shaped indicator hole will be visible in the shaft lock. The float (15) and float shaft (5) will drop out of the unit.
4. To disassemble the float, hold the float shaft in one hand (close to the float) and the float in the other hand. Bend the shaft slightly while pulling away from the float until it snaps apart.
5. Unscrew the vent assembly (22) from the clear top chamber (7). Remove the vent button (16) and the vent shaft (17) will slide out and all the parts can be cleaned separately. Keep track of the small inner vent o-ring (19), the primary o-ring (20) and the vent spring (21).
6. Clean all DFC parts in warm soapy water and flush with cold clean water before reassembling.

B. Reassembly after Hand Cleaning

1. If the small inner vent o-ring (19) came out of the vent assembly when disassembling, then place it over the vent shaft (17) and slide the vent shaft all the way into the vent (18). Holding the vent shaft in place with the end of a pen, slide the vent button (16) onto the end of the vent shaft (17).
2. Lay the primary o-ring (20) flat onto the vent port of the clear top chamber (7). Drop in the vent spring (21) and screw the vent assembly (22) into the top chamber, making sure the primary o-ring doesn't pinch. Do not over-tighten the vent assembly past the built-in stop.
3. Slide the upper float plate (6) (smaller white plastic part of the float) onto the float shaft (3) with the 3/8" diameter stem pointing towards the rectangular end of the float shaft.
4. Push the lower float body (15) (larger float) onto the upper float plate (6) (smaller float part) until it snaps back into place.
5. Take the float in your hand and push the float shaft (5) up through the clear top chamber (7). Pull out the extruding shaft as far as possible through the top of the clear top chamber of the DFC.
6. Place the float release knob (2) onto the float shaft (5). Align the inner locator pin on the knob with the outer groove in the neck of the clear top chamber. While applying a slight downward pressure to the top of the knob, slide the float shaft lock (1) to the closed (operating) position so the "O" shaped indicator hole on the slide is not be visible. Pull up on the knob to insure it will not slide back off.
7. Push the injector tubes (8) back into the base (14) and then screw the clear top chamber (7) into the base until it comes to a comfortable stop.
8. Once the unit is cleaned and reassembled, follow the installation instructions, and reset the DFC.
9. After the beer lines are cleaned, the first few glasses of beer may be foamy since the draft dispensing system was interrupted.