

## Instructions for hand filling KeyKeg via a coupler

### STEP 1: PREPARE PRESSURIZATION HEAD

- Connect regulated CO<sub>2</sub> or air supply to G5/8" backspace connection; adjust pressure well over saturation pressure.
- Connect ball valve to G5/8" beer bag connection.

### STEP 2: CHECK PRESSURE BACKSPACE

- Connect pressurization head to beer container.
- Purge out residual air from beer bag (entrapped during manufacturing) by shortly opening ball valve.
- Disconnect pressurization head.

### STEP 3: PREPARE FILLING HEAD

- Remove lip valve from backspace connection.
- Connect manometer and needle valve to G3/8"i backspace connection.
- Close needle valve.
- Connect ball valve and beer supply to G5/8" beer bag connection.
- Hold filling head in inverted position.
- Fill beer hose and probe by momentarily opening ball valve until beer foam reaches the top of the probe.

### STEP 4: FILL BEER CONTAINER

- Connect filling head to container in inverted position.
- Open the ball valve.
- Gently adjust the needle valve to set counter pressure to a level well over the saturation pressure at beer temperature.
- Close ball valve when reading of manometer abruptly drops to zero.
- Disconnect filling head from container.
- Clean outer side of beer valve.
- Repeat this step for filling multiple KeyKegs

### IMPORTANT:

- This filling procedure does not leave a headspace, fill level might be slightly over nominal volume.
- Ensure evacuation of all air from the hose to the beer supply.
- Ensure good microbiological conditions. Sterilize pressurization head, filling head and beer hose with alcohol thoroughly. Sterilize KeyKeg valve with water-based disinfectant as PET container is susceptible to damage by alcohol.
- Before ending the filling procedure, make sure that all air has been evacuated from the backspace. Damage of the beer bag will be prevented when it is pressed to the container wall.
- Filling is done in inverted position to help the beer bag to unfold correctly. The beer bag may burst, when the container is filled in upright position.
- For (dis)connecting pressurization head and filling head read "Instructions for connecting the coupler".

