



## BillyGoat™ Adapter for GoatThroat™ Pumps

For Use with Shop Air, Compressors, and Bottled Air

www.goatthroat.com (646) 486 3636

### INSTRUCTIONS

#### To Install and Operate

1. Remove the pressure relief valve cap from your pump. Keep the cap in a safe place.
2. Install attached o-ring on pump body where the pressure relief cap was.
3. Screw the BillyGoat™ Adapter on in place of the cap. **IMPORTANT NOTE:** Align the adapter straight on, as you would any nut to a screw assembly, push a little firmly while turning the adapter. Misalignment will cause cross threading.
4. Make sure the pressure regulator knob is completely closed.
5. Connect air hose from shop air or compressor to the BillyGoat™
6. Lift knob on regulator and turn clockwise to 2 PSI. Push down to lock in place
7. If fluid is to be delivered above 6' vertical, increase pressure to 4 – 6 PSI
8. The external safety relief valve will open automatically if air pressure exceeds 4- 6 PSI. If this happens please reduce air pressure.
9. **Safety valve** is fitted with EPDM diaphragm. If using a Viton or Nitrile pump, please change to supplied Viton diaphragm. Remove knob on safety valve by turning counter-clockwise. Change out diaphragm, reassemble and retighten knob.

#### To Remove

1. If working with compressor, stop airflow completely
2. Shut off pressure regulator by lifting pressure regulator knob and turning counterclockwise (CCW) a few turns.
3. Disconnect air hose from BillyGoat™
4. Open the safety relief valve on the BillyGoat™ system by opening Safety Relief Valve, and wait for air pressure to be released.
5. Unscrew the BillyGoat™ from the pump, including the o-ring
6. Replace the pressure relief valve cap.

