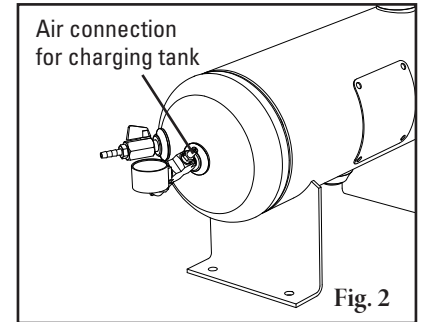


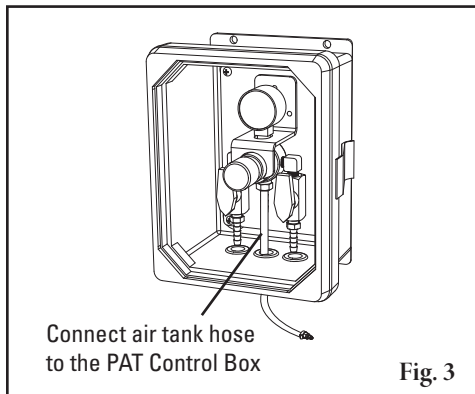
# PAT Air Tank Installation Instructions

1. **Mount the PAT Air Tank.** Find sturdy/durable location to mount the tank near the PAT Control Box within reach of provided 10' (3M) hose. If using a dual tank for supplying to two cleaners, mount within reach of both PAT Control Boxes. Mount the air tank with provided hardware, preferably with the gauge/fittings on the top for easier access and maintenance.

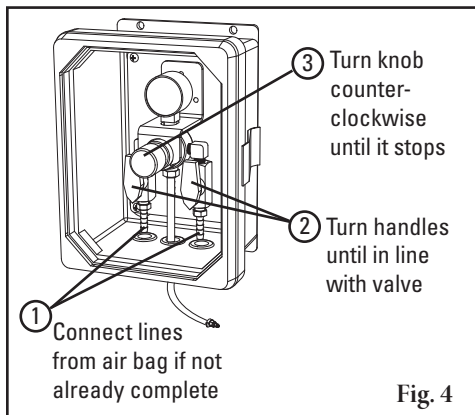
2. **Charge the PAT Air Tank.** Using an air compressor or shop air, charge the tank to approximately 100 psi through the connection on top of the tank (Fig. 2). Ensure the tank does not exceed 150 psi during this process by monitoring the pressure gauge.



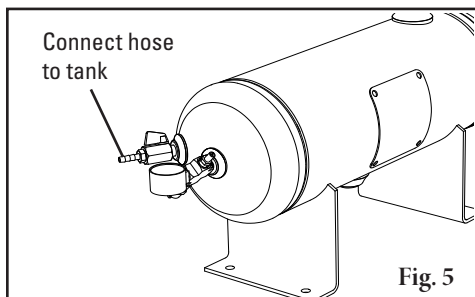
3. **Connect provided hose with the PAT Control Box.** With the hose provided with the PAT Air Tank, connect one end (Fig. 3) routing hose through the grommet. Assemble the hose clamp over the hose, then insert into the center connection of the PAT Control Box.



4. **Ready the PAT Control Box.** If not already complete, use the hoses provided with the cleaner or air tensioner system to connect both lines from the cleaner air bags to the left and right connections of the PAT Control Box. Use the hose clamps provided with the cleaner or air tensioner system to secure all hose/barb connections. Next, turn on both valves by rotating until the handle is in line with the valve. Lastly, pull up on the regulator knob and turn it counterclockwise until it stops, then push the knob in to lock it (Fig. 4).



5. **Connect PAT Control Box to PAT Air Tank.** Keep hands clear of the blade and pinch-points before connecting all air lines. With the hose already connected to the control box, route the other end and connect to the tank (Fig. 5). Repeat steps 3-5 if using a dual tank for second cleaner. Once complete, open valve from tank by turning until the handle is in line with the valve.



6. **Check the pressure reading on the gauge in the control box.** Keep hands clear of the blade and pinch-points before pressurizing the air bags. Pull up on the regulator knob and turn clockwise until pressure increases to the appropriate setting for the belt cleaner and blade width (refer to cleaner instructions or pressure label in control box). If the pressure is too high, turn the knob one turn counterclockwise and turn both valves off for one second before turning back open. This relieves the downstream air bag pressure. Reset the pressure to the correct setting, then push the knob back down to lock it.

7. **Check all air connections.** Using soapy-water solution, spray all connections and look for bubbles. If present, secure the connection until no leak is visible.

8. **Test run the conveyor.** Close the control box cover and latch it. A hole is provided to accept a padlock if desired. Test run the belt and observe the cleaner performance. Confirm pressure settings are still correct. Make adjustments as necessary. Recharge the air tank if the pressure is below 80 psi.



2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 • USA  
Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com

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