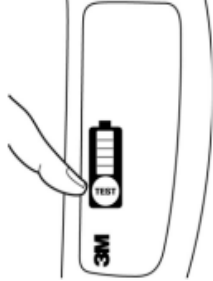

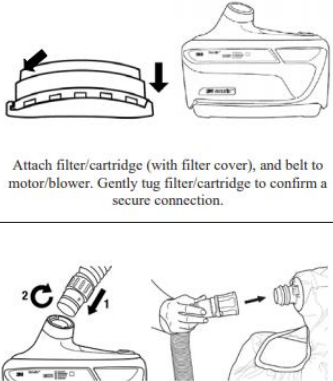
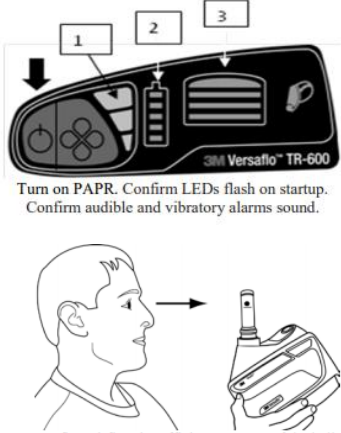


COVID-19 PPE: PAPR Startup Standard Work

4.22.2020 1235

Spectrum Health Contact: Ken Shawl

| Seq. No | Task Description: | Key Point / Image / Measure (what good looks like) | Who |
|---------|--|--|-------------------------|
| 1. | <p>Inspect the TR-600 PAPR system:</p> <ul style="list-style-type: none"> • Motor/blower. Inspect for cracks, holes, damage to user interface panel and belt attachments. • Battery pack. Confirm case is intact. Press TEST button on pack to confirm charge is sufficient for duration of the work period. • Breathing tube. Examine breathing tube for tears, holes or cracks. Bend the tube to verify that it is flexible and not showing signs of wear. Ensure the o-rings located at both ends of the breathing tube are present and intact. • Filter/cartridge. Closely inspect filter/cartridge plastic housing including the corners and latches, outer rectangular barrier, and inner circular filter seal gasket for cracks, tears, cuts, distortion, indentations or debris. Replace filter/cartridge if damaged. If the filter/cartridge has been mishandled or dropped, re-inspect fully. If you have any concern, contact 3M Technical Service for guidance. • Headgear. Inspect the headgear for tears, cuts, loose stitching, cracks, discoloration or other signs of damage. |  <p>Push 'Test' button to confirm battery charge – 5 bars = 80-100%.</p> | Healthcare Worker (HCW) |
| 2. | <p>Assemble TR-600 PAPR system:</p> <ul style="list-style-type: none"> • Attach battery pack to bottom of motor/blower. Pack latches with a distinct click. Gently pull to confirm a secure connection. |  | HCW |

| Seq. No | Task Description: | Key Point / Image / Measure (what good looks like) | Who |
|---------|---|--|-----|
| | <ul style="list-style-type: none"> • (If being used) Install spark arrestor, then prefilter into filter cover. • Place the filter/cartridge into the filter cover, ensuring bottom latching tab snaps into place. Note: If not using the filter cover proceed to next step and attach the filter/cartridge directly to the motor/blower. • Place the hinge side of the filter/cartridge into the motor/blower, then snap latch side into the filter latch. <p>Filter/cartridge latches with a distinct click. Gently pull to confirm a secure connection.</p> <ul style="list-style-type: none"> • Attach motor/blower to belt or backpack. • Insert the end of the breathing tube with the two small prongs into slots in the motor/blower air outlet. Twist the breathing tube ¼ turn to the right (clockwise) to lock. • Attach breathing tube to headgear. Push the QRS end of the breathing tube (blue pinch clip) onto the air inlet of the headgear. Headgear will secure with a distinct click. Gently pull to confirm a secure connection. |  <p>Attach filter/cartridge (with filter cover), and belt to motor/blower. Gently tug filter/cartridge to confirm a secure connection.</p> <p>Insert breathing tube into PAPR outlet. Inspect headtop for damage. Connect breathing tube to headtop. Don PAPR.</p> | |
| 3. | <p>Perform flow check:</p> <ul style="list-style-type: none"> • If installed, remove breathing tube. • Insert air flow indicator TR-971 into the outlet on the TR-600 motor/blower unit. • Start motor/blower. Run for 1 minute. • With the airflow indicator TR-971 in a vertical position, bottom of the floating ball must be at, or above, the minimum flow level indicated on airflow indicator chart for your 'zone'. If not above minimum level, respirator system must not be used until evaluated and repaired. |  <p>Turn on PAPR. Confirm LEDs flash on startup. Confirm audible and vibratory alarms sound.</p> <p>Confirm airflow is sufficient. Bottom of the ball above airflow indicator zone flow level.</p> | HCW |

| Seq. No | Task Description: | Key Point / Image / Measure (what good looks like) | Who |
|------------|--|---|-----|
| | <ul style="list-style-type: none"> • Remove air flow indicator TR-971 and perform low flow alarm test per TR-600 User Instructions. • Reattach breathing tube and headgear before use. | | |
| 4. | <p>Don TR-600 PAPR system:</p> <ul style="list-style-type: none"> • Turn on motor/blower by pressing and holding blue on/off button. • Use belt or backpack to attach PAPR to wearer. • Pull headgear overhead and adjust. Adjust following the user instructions for the specific headgear. | | HCW |