

Air Source

Requirements for the air source is that it delivers sufficient air pressure and volume to drive the system.

Total Tidal Volume Calculations

| Breaths per minute | Tidal Volume | L / min |
|--------------------|--------------|-------------|
| 5 | 400mL - 0.4L | 2.0L / min |
| 5 | 700mL - 0.7L | 3.5L / min |
| 12 | 400mL - 0.4L | 4.8L / min |
| 12 | 700mL - 0.7L | 8.4L / min |
| 40 | 400mL - 0.4L | 16.0L / min |
| 40 | 700mL - 0.7L | 28.0L / min |

The current Air source is a 14 Gal Shop Vac It has plenty of Pressure and Volume
Shop Vac