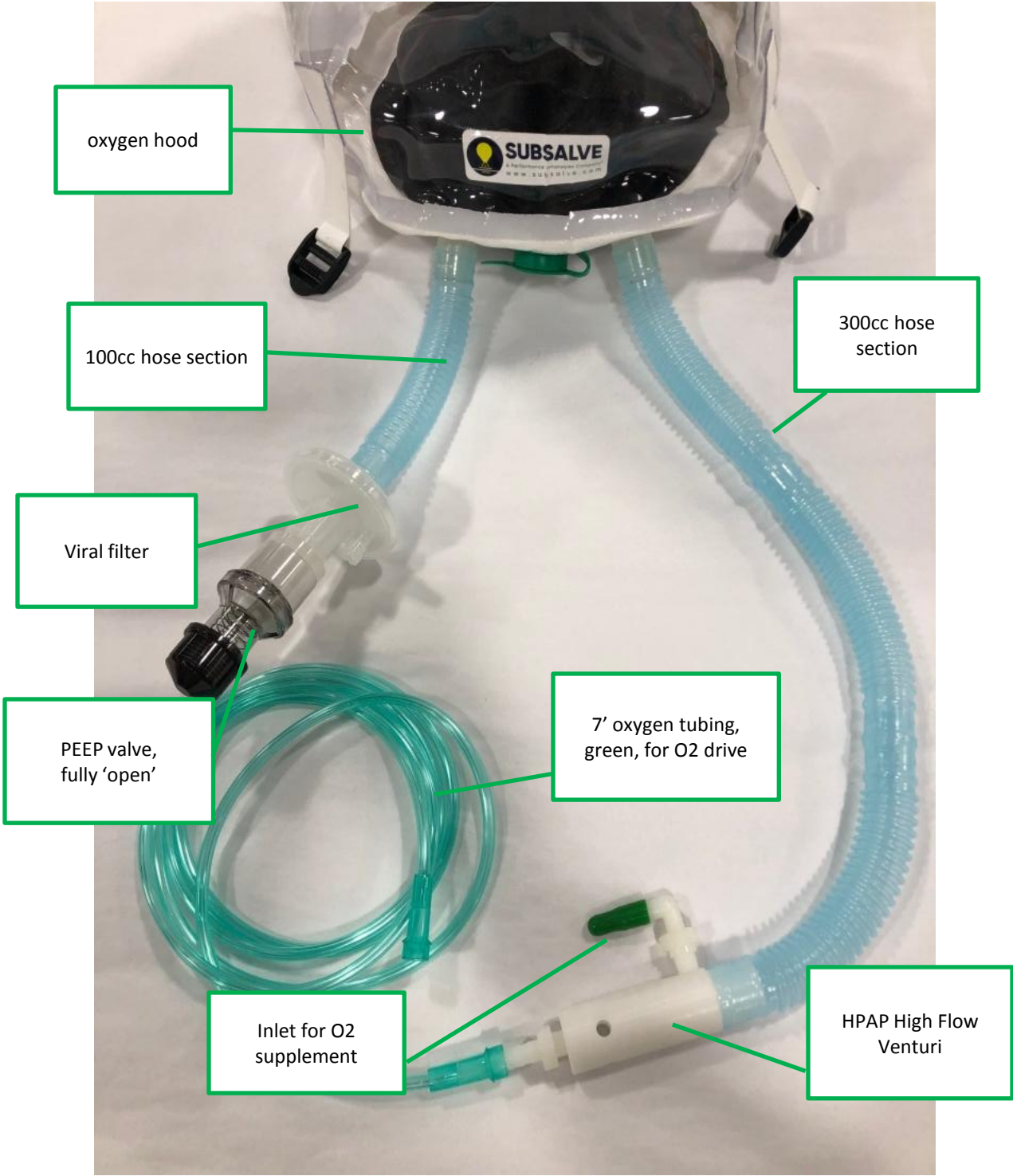


Configuration Guide | HPAP High Flow Oxygen Venturi

The below circuit allows delivery of positive pressure and elevated FiO2 using the venturi method.



Configuration Guide | HPAP High Flow Oxygen Venturi

Instructional Guidance

Configuration

- Configure hood as pictured. Change filter every 8 hours or as needed.

Flow

- Establish drive flow using oxygen to 10LPM. Flow is gauged from the oxygen supply regulator.

Pressure

- Use a PEEP valve in the full OPEN position to provide minimal resistance. Pressures of 8-12 cm H₂O are achieved with flow adjustment only.

Oxygen/FiO₂

- Select desired FiO₂ using the table and adjust flow sources (blending of entrained air and supplemental oxygen).

Monitor

- Monitor PEEP pressure using a manometer in the circuit (optional), or reference the chart as a guide.
- Monitor patient vitals and oxygen saturation.

Treatment

- Implement treatment and monitor patient according to clinical best practices.

HPAP Oxygen Venturi - with PEEP valve in OPEN position

O ₂ drive LPM	O ₂ supplement LPM	delivered high flow (LPM)	delivered FiO ₂	Patient PEEP (cm H ₂ O)
10	0	50	38	8
10	5	53	39	9
10	8	54	43	9
10	10	55	44	10
10	15	57	51	10
10	25	62	62	12

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Table of flow, pressure, and delivered FiO₂ values developed analytically with pictured circuit configuration.

Deviation from the tested circuit configuration may yield unverified results.

FiO₂ measured using Maxtec O₂ sensor, error +/- 0.6 bar.