CLAIMS:

1. A respiratory device for providing respiratory support to a patient, the respiratory device comprising:

an expandable bag having an air inlet valve and having first and second sides bounded, respectively, by first and second rigid side panels, each of the first and second rigid side panels including a biasing member projection; and

a rigid valve housing in fluid communication with the expandable bag, the rigid valve housing including an adjustable tidal volume control device that interfaces with the biasing member projection of each of the first and second rigid side panels to set one of a plurality of predetermined tidal volumes for the expandable bag in an uncompressed or compressed configuration, the rigid valve housing additionally including a patient breathing interface connection member.

2. The respiratory device of claim 1, wherein the adjustable tidal volume control presents a first surface of varying depth and an opposing second surface of varying depth to respectively interface with the biasing member projection of each of the first and second rigid side panels.

3. The respiratory device of claim 1, wherein the adjustable tidal volume control device is mounted to a body portion of the rigid valve housing and wherein the respiratory device further comprises:

an adjustable Peak Inspiratory Pressure (PIP) mechanism that is maintained within the body portion; and

an adjustable PIP control device that is independently mounted to the body portion and adjusts the PIP mechanism to provide a predetermined peak inspiratory pressure value.

4. The respiratory device of claim 1, wherein the adjustable tidal volume control device is mounted to a body portion of the rigid valve housing and wherein the respiratory device further comprises:

a two-way valve maintained within the body portion that allows air to move from the expandable bag in a first direction through a first portion of the two-way valve and that directs air in an opposing direction through a second portion of the two-way valve to create Positive End Expiratory Pressure (PEEP); and

an adjustable PEEP control device that is independently mounted to the body portion and adjusts the two-way valve to provide a predetermined PEEP.

5. The respiratory device of claim 3, further comprising:

a two-way valve maintained within the body portion that allows air to move from the expandable bag in a first direction through a first portion of the two-way valve and that directs air in an opposing direction through a second portion of the two-way valve to create Positive End Expiratory Pressure (PEEP); and

an adjustable PEEP control device that is independently mounted to the body portion and adjusts the two-way valve to provide a predetermined PEEP.

6. The respiratory device of 1, wherein the adjustable tidal volume control device is labeled with indicia that corresponds to established standards used to determine volumes of air needed for a patient based on their length, weight, and/or age.

7. The respiratory device of 3, wherein the adjustable PIP control device is labeled with indicia that corresponds to established PIP standards.

8. The respiratory device of claim 1, further comprising first and second hinge pins that hingedly secure the first and second rigid side panels, respectively, to the rigid valve housing.

9. The respiratory device of claim 8, wherein the biasing member projection of each of the first and second rigid side panels is positioned forward of the respective hinge pin.

10. The respiratory device of claim 1, wherein each of the first and second rigid side panels includes an expandable bag distortion prevention feature comprising at least one of: (a) contoured edges; and (b) tabs.

11. The respiratory device of claim 1, wherein the first and second rigid side panels include edges that completely enclose the expandable bag when the expandable bag is fully compressed.

12. The respiratory device of claim 1, wherein each of the first and second rigid side panels includes a stop feature that prevents over-compression of the respiratory device, the stop feature comprising at least one of:

(a) a projecting external stop that interfaces with a ring positioned about the rigid valve housing;

(b) an internal stop extending from an interior surface of the respective rigid side panel, the internal stop of the first and second rigid side panel opposing one another and contacting one another upon full compression of the respiratory device;

(c) a contour edge extending outward from an upper and/or lower surface of the respective rigid side panel, the contour edge of the first and second rigid side panel opposing one another and contacting one another upon full compression of the respiratory device; and

(d) a tab extending outward from an upper and/or lower surface of the respective rigid side panel, a portion of the tab of a respective one of the rigid side panels interfacing with a portion of the other of the rigid side panels.

13. The respiratory device of claim 1, further comprising an inflation adjustment dial to adjust a size of an aperture through which a compressed gas and/or ambient air communicates with the expandable bag.

14. The respiratory device of claim 1, further comprising an exhaust valve and a blocking cap, the blocking cap movable between two positions including a first position where the exhaust valve is unblocked and a second position where the exhaust valve is blocked.

15. The respiratory device of claim 12, wherein the respiratory device provides Continuous Positive Airway Pressure (CPAP) upon both: (a) compressed gas being

supplied to the respiratory device via the compressed gas inlet port; and (b) the adjustable PEEP control device being engaged.

16. The respiratory device of claim 1, wherein each of the first and second rigid side panels includes a textured ergonomic recess for single-handed operation of the respiratory device.

17. The respiratory device of claim 4, further comprising a filter body secured to at least one of: (a) the rigid valve housing; and (b) the PEEP control device, the filter body including a bio/viral filter that filters patient exhalations exiting the respiratory device.

18. The respiratory device of claim 17, wherein the filter body includes an exhalation port that is couplable to an end-tidal CO_2 monitor.

19. The respiratory device of claim 17, wherein the bio/viral filter generates its own PEEP.

20. The respiratory device of claim 4, further comprising a removable PEEP lock removably secured to the main body of the rigid valve housing, wherein the PEEP lock maintains a PEEP of zero and prevents adjustment of the PEEP control device.

21. The respiratory device of claim 4, further comprising a seal intermediate the main body of the rigid valve housing and the adjustable PEEP control device.