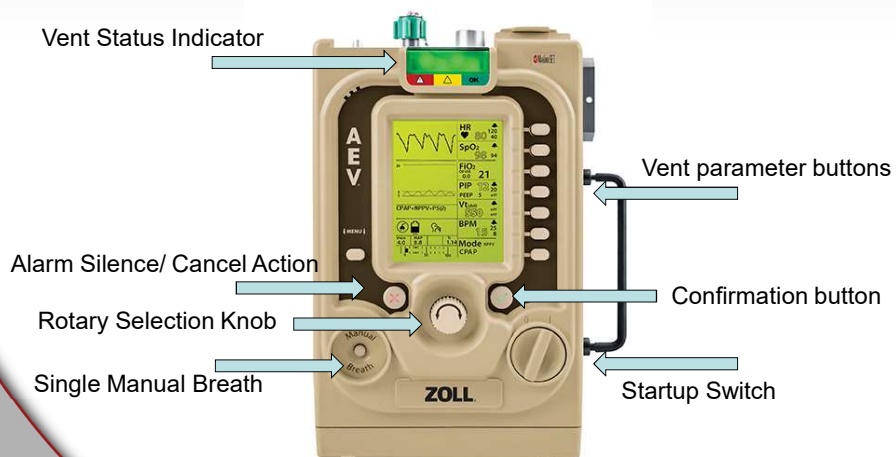


# ZOLL 731

## Easy Set Up Guide



## Vent Overview



## Start-up



2. Self test auto runs; light should turn green

1. Rotate knob to right



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## Select mode



Should default to AC (V), if not follow steps below.

1. Push button once to highlight mode
2. Rotate knob to "AC"
3. Press confirm button
4. Push button twice to highlight control method
5. Rotate knob to "(V)"
6. Press confirm button



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## Set Respiratory Rate



1. Push button to highlight BPM
2. Rotate knob to desired rate
3. Press confirm button
4. Press button twice to highlight High alarm
5. Rotate knob to 10 above set
6. Press confirm button
7. Press button three times to highlight Low alarm
8. Press confirm button



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## Set Volume



1. Press button once
2. Rotate knob to desired Volume (see VT chart if unknown)
3. Press confirm button



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NIH PREDICTED BODY WEIGHT (PBW) / TIDAL VOLUME CHART															
MALES							FEMALES								
HEIGHT		PBW	4	5	6	7	8	HEIGHT		PBW	4	5	6	7	8
Feet	Inches	Male	ml/kg	ml/kg	ml/kg	ml/kg	ml/kg	Feet	Inches	Female	ml/kg	ml/kg	ml/kg	ml/kg	ml/kg
4' 10"	58	45.4	180	230	270	320	360	4' 7"	55	34	140	170	200	240	270
4' 11"	59	47.7	190	240	290	330	380	4' 8"	56	36.3	150	180	220	250	290
5' 0"	60	50	200	250	300	350	400	4' 9"	57	38.6	150	190	230	270	310
5' 1"	61	52.3	210	260	310	370	420	4' 10"	58	40.9	160	200	250	290	330
5' 2"	62	54.6	220	270	330	380	440	4' 11"	59	43.2	170	220	260	300	350
5' 3"	63	56.9	230	280	340	400	460	5' 0"	60	45.5	180	230	270	320	360
5' 4"	64	59.2	240	300	360	410	470	5' 1"	61	47.8	190	240	290	330	380
5' 5"	65	61.5	250	310	370	430	490	5' 2"	62	50.1	200	250	300	350	400
5' 6"	66	63.8	260	320	380	450	510	5' 3"	63	52.4	210	260	310	370	420
5' 7"	67	66.1	260	330	400	460	530	5' 4"	64	54.7	220	270	330	380	440
5' 8"	68	68.4	270	340	410	480	550	5' 5"	65	57	230	290	340	400	460
5' 9"	69	70.7	280	350	420	490	570	5' 6"	66	59.3	240	300	360	420	470
5' 10"	70	73	290	370	440	510	580	5' 7"	67	61.6	250	310	370	430	490
5' 11"	71	75.3	300	380	450	530	600	5' 8"	68	63.9	260	320	380	450	510
6' 0"	72	77.6	310	390	470	540	620	5' 9"	69	66.2	260	330	400	460	530
6' 1"	73	79.9	320	400	480	560	640	5' 10"	70	68.5	270	340	410	480	550
6' 2"	74	82.2	330	410	490	580	660	5' 11"	71	70.8	280	350	420	500	570
6' 3"	75	84.5	340	420	510	590	680	6' 0"	72	73.1	290	370	440	510	580
6' 4"	76	86.8	350	430	520	610	690	6' 1"	73	75.4	300	380	450	530	600
6' 5"	77	89.1	360	450	530	620	710	6' 2"	74	77.7	310	390	470	540	620
6' 6"	78	91.4	370	460	550	640	730	6' 3"	75	80	320	400	480	560	640

## Set Pressure Alarms and PEEP



1. Press button once
2. Rotate knob to select high pressure 10-15 higher than outlined number (not > 40)
3. Press confirm button
4. Press button twice
5. Rotate knob to select low pressure 10-15 below outlined number
6. Press confirm button

Peep defaults at 5; If different PEEP desired, press button three times and select desired PEEP



## Set FiO2



1. Press button once
2. Rotate knob to desired FiO2
3. Press confirm button



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## ABG and Vent Changes

- Normal Ranges
  - pH 7.35-7.45 PaCO<sub>2</sub> 35-45 HCO<sub>3</sub> 22-26
  - PaO<sub>2</sub> 80-100
- Increase RR or VT to lower PaCO<sub>2</sub>/ increase pH
- Decrease RR or VT to raise PaCO<sub>2</sub>/ lower pH
- Increase FiO<sub>2</sub> or PEEP to raise PaO<sub>2</sub>



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## Recommended adjunct placement

1. Suction
2. Emma
3. HME
4. MDI
5. Neb

