

# Breathing circuit pressure validation

using bubbling humidifier

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Lattice Innovations

New Delhi, India

Results: With **surface** humidifier

10 lpm PEEP	9 lpm PEEP	8 lpm PEEP	7 lpm PEEP	6 lpm PEEP	5 lpm PEEP	4 lpm PEEP	3 lpm PEEP	2 lpm PEEP	1 lpm PEEP			Flow Rate (LPM)			10 lpm PEEP	9 lpm PEEP	8 lpm PEEP	7 lpm PEEP	6 lpm PEEP	5 lpm PEEP	4 lpm PEEP	3 lpm PEEP	2 lpm PEEP	1 lpm PEEP
9.9	9.1	7.9	7	6.1	5	3.9	3	2	1			1			10.1	9.1	8	7	6.1	5	3.9	3	2	1
9.9	9.1	8	7	6.2	5.1	4	3.1	2.1	1.1			2			10.1	9.1	8	7	6.2	5.1	4	3.1	2.1	1
10	9.2	8	7.1	6.2	5.1	4.1	3.2	2.1	1.2			3			10.1	9.1	8	7.1	6.3	5.2	4.1	3.1	2.1	1.1
10.2	9.3	8.1	7.2	6.3	5.2	4.2	3.3	2.3	1.3			4			10.2	9.2	8.1	7.1	6.4	5.3	4.1	3.2	2.2	1.2
10.3	9.4	8.2	7.3	6.5	5.3	4.3	3.4	2.3	1.4			5			10.4	9.3	8.2	7.2	6.4	5.3	4.3	3.3	2.3	1.3
10.3	9.5	8.4	7.4	6.6	5.5	4.4	3.5	2.4	1.5			6			10.4	9.4	8.3	7.3	6.5	5.4	4.4	3.4	2.4	1.4
10.5	9.6	8.4	7.5	6.7	5.6	4.5	3.6	2.6	1.7			7			10.6	9.5	8.4	7.4	6.6	5.6	4.5	3.5	2.6	1.5
10.5	9.6	8.5	7.6	6.8	5.7	4.6	3.7	2.7	1.7			8			10.7	9.6	8.5	7.5	6.7	5.6	4.6	3.6	2.6	1.6
10.6	9.7	8.6	7.7	6.9	5.8	4.8	3.8	2.8	1.8			9			10.7	9.7	8.6	7.6	6.8	5.7	4.7	3.7	2.8	1.7
10.7	9.9	8.7	7.8	7	5.9	4.9	3.9	2.9	1.9			10			10.8	9.8	8.7	7.7	6.9	5.8	4.8	3.8	2.9	1.9

Results: With **bubbling** humidifier

