



# H<sub>2</sub> HUBB Official Summary Test Report

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## HydroGenie: OxyHydrogen Inhalation System

### Product:

**Name:** HydroGenie H2 Inhalation Unit

**Company:** HydroGenie

**Type:** Brown's gas/Oxyhydrogen Inhalation Device (H<sub>2</sub> [66%] / O<sub>2</sub> [33%])

- No membrane

**Model:** N/A

**Serial number:** N/A

**Tester:** Tywon Hubbard (TH)

**Testing start date:** 12/17/18

**Completion date:** 4/10/19

### PERFORMANCE:

#### H<sub>2</sub> Flow Rate Test (ml/min):

- **METHOD:**
  - Distilled water (used for testing): 6 pH
  - Electrolysis Electrolyte: Sodium Hydroxide: NaOH (crystal form)
  - Water Temperature: 61~66F/ 16.1~18.8C
  - Preferred Reservoir Vol Level: 28 oz (800 ml)
  - Duration of H<sub>2</sub> mL Flow Test: 30 minutes (normal timing for breathing session)
  - Claimed H<sub>2</sub> output @ SATP:
    - @ Start up: 400 ml/min (267 ml/min [H<sub>2</sub>]/ 133 ml/min [O<sub>2</sub>])
    - @ Operating Temp: 800 ml/min (534 ml/min [H<sub>2</sub>]/ 266 ml/min [O<sub>2</sub>])
  - Bubbled into water: 8, 16, 33.8 oz (1L) distilled water/open glass @ 400 ml/min/mgfr provide air stone.
- **H<sub>2</sub> mL Flow Test at SATP: (30 min setting)**
  - 30 min setting: 91 ml/15 sec = 364 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 240.42 ml/min (19.8 mg/min)
  - 30 min setting: 95 ml/15 sec = 380 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 250.80 ml/min (20.6 mg/min)
  - 30 min setting: 93 ml/15 sec = 372 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 245.52 ml/min (20.2 mg/min)
  - 30 min setting: 97 ml/15 sec = 388 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 256.08 ml/min (21.1 mg/min)
  - 30 min setting: 95 ml/15 sec = 380 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 250.80 ml/min (20.6 mg/min)
  - 30 min setting: 100 ml/15 sec = 400 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 264.00 ml/min (21.7 mg/min)
  - 30 min setting: 105 ml/15 sec = 420 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 277.20 ml/min (22.8 mg/min)
  - 30 min setting: 105 ml/15 sec = 420 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 277.20 ml/min (22.8 mg/min)
  - 30 min setting: 105 ml/15 sec = 420 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 277.20 ml/min (22.8 mg/min)

- 30 min setting: 107 ml/15 sec = 428 ml/min [H<sub>2</sub>/O<sub>2</sub>]: 66% H<sub>2</sub>: 282.48 ml/min (23.4 mg/min)
  - **Hydrogen Testing: 8 oz (bubbled into water with provide air stone)**
  - 5 minutes: 0.5 mg/L (ppm)
  - 10 minutes: 0.5 mg/L (ppm)
  - 15 minutes: 0.6 mg/L (ppm)
    - **Claimed Mfgr's H<sub>2</sub> ml/min (mg/min)@ start-up confirmed: Yes**
    - **Claimed Mfgr's H<sub>2</sub> ml/min (mg/min)@ operating temp confirmed: No**
    - **Device H<sub>2</sub>/O<sub>2</sub> ml/min (mg/min) avg: 397.20 ml/min**
    - **Device H<sub>2</sub> ml/min (mg/min) avg: 262.15 ml/min (21.6 mg/min)**
    - **Bubbled into water (5~15 min) avg mg/L (ppm): 0.5 mg/L (ppm)**
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**Summary Report Only.**

**Not Full Test Report.**

**Other testing and technical sections are not included out of respect and professional courtesy of the RPC.**

*H<sub>2</sub> Hubb LLC disclaimer: All tests conducted and test results produced by H<sub>2</sub> Hubb LLC have been done according to industry-accepted practices and standards. Nevertheless, these results may not necessarily reflect test results performed by manufacturers, suppliers or third-party labs. Our test results are independent of all other parties, and testing by other parties may produce different results. We understand that many variables are involved in testing, some of which are extremely difficult to control. These reports are not meant or intended for any other purpose but to uphold H<sub>2</sub> Hubb LLC business practices and to validate the reasons for our recommendations.*

**Approved by: Tywon Hubbard**



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