

# Application Notes

## VT PLUS HF

| Ventilator Compensation Mode Settings |               |                 |   |
|---------------------------------------|---------------|-----------------|---|
| Manufacturer                          | Model         | Correction Mode | Comment   |
| Viasys/Bird                           | Avion         | BTPS            |   |
| Viasys/Bird                           | Gold          | BTPS            |   |
| Viasys/Bird                           | T-Bird Legacy | BTPS            |   |
| BMD                                   | IC2A          | ATP             |   |
| BMD                                   | MVP10         | ATP             |   |
| BMD                                   | Crossvent 4   | ATP             |   |
| Breas                                 | PV-403, 501   | ATP             | Not available from manufacturer, assumed  |
| Breas                                 | IMP-2         | ATP             | Not available from manufacturer, assumed  |
| Draeger                               | Evita 2 and 4 | BTPS (or NTPD)  | Uses BTPS in normal mode but both in Service mode, NTPD for high pressure barometer (use STPD21 in this case) |
| Draeger                               | Babylog 8000  | BTPS (or NTPD)  | Uses BTPS in normal mode but both in Service mode, NTPD for high pressure barometer (use STPD21 in this case) |
| Hamilton                              | Galileo 2     | ATP             |   |
| Hamilton                              | Veolar 3      | ATP             |   |
| Infrasonics                           | Adult Star    | STPD 21°        |   |
| Newport                               | E100i & E100m | ATP             |   |
| Newport                               | Breeze E150   | ATP             | Use BTPS when connecting after the water trap and heat up   |
| Puritan Bennett                       | 7200          | BTPS            |   |
| Puritan Bennett                       | 760           | BTPS            |   |
| Puritan Bennett                       | 840           | BTPS            |   |
| Puritan Bennett                       | MA-I          | BTPS            |   |
| Pulmonetics                           | LTV Series    | BTPS            |   |
| Maquet (formerly Siemens)             | Servo i       | STPD 0°         |   |
| Maquet (formerly Siemens)             | 300C          | STPD 21°        |   |
| Maquet (formerly Siemens)             | 900C          | ATP             |   |

*Setting of BTPS (on the VT PLUS HF) will give higher readings on flow (and tidal volumes) than ATP, STPD21 and STPD0 (in order).*

### Fluke Biomedical Corporation

5200 Convair Drive, Carson City, NV 89706, USA

Tel: 775.883.3400, Toll Free: 800.648.7952, Email: sales@flukebiomedical.com

[www.flukebiomedical.com](http://www.flukebiomedical.com)

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**Definitions:**

**STPD:** Standard Temperature and Pressure, Dry (0°C or 21°C)

**BTPS:** Body Temperature and Pressure, Saturated (think of warm, moist exhaled air)

**ATP:** Ambient Temperature and Pressure

**NTPD:** Normal Temperature and Pressure, Dry (see STPD at 21°C)

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