



## VECTOR et BILEVEL ST20 Technical Data

|                                                |                                                                                                                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (w x d x h)                         | 230 x 212 x 107 mm                                                                                                                                                                                           |
| Mass                                           | approx. 2,0 kg                                                                                                                                                                                               |
| Power supply                                   | 100 V ~...240 V ~, 50...60 Hz<br>24 V DC / 2,1 A                                                                                                                                                             |
| Pressure range                                 | 4 ... 20 hPa (mbar)                                                                                                                                                                                          |
| Max. limit pressure in the event of an error   | < 40 hPa (due to construction)                                                                                                                                                                               |
| Power consumption (24 V DC)                    | Maximum 50 W<br>Standby < 5 W<br>at 8 hPa (without humidifier) 10 W<br>at 28 hPa (with humidifier, level 5) 30 W                                                                                             |
| Power consumption (power supply)               | Maximum 50 W<br>Standby < 5 W<br>at 12 hPa (without humidifier) 12 W<br>at 32 hPa (with humidifier, level 5) 33 W                                                                                            |
| Short time pressure variance at 4 hPa          | 10 bpm = ± 0,10 hPa<br>15 bpm = ± 0,19 hPa<br>20 bpm = ± 0,28 hPa                                                                                                                                            |
| Short time pressure variance at 8 hPa          | 10 bpm = ± 0,10 hPa<br>15 bpm = ± 0,19 hPa<br>20 bpm = ± 0,28 hPa                                                                                                                                            |
| Short time pressure variance at 12 hPa         | 10 bpm = ± 0,10 hPa<br>15 bpm = ± 0,19 hPa<br>20 bpm = ± 0,28 hPa                                                                                                                                            |
| Short time pressure variance at 16 hPa         | 10 bpm = ± 0,10 hPa<br>15 bpm = ± 0,19 hPa<br>20 bpm = ± 0,28 hPa                                                                                                                                            |
| Short time pressure variance at 20 hPa         | 10 bpm = ± 0,10 hPa<br>15 bpm = ± 0,19 hPa<br>20 bpm = ± 0,28 hPa                                                                                                                                            |
| Values determined with and without AquaDROP et |                                                                                                                                                                                                              |
| Long time pressure variance                    | < 0,3 hPa                                                                                                                                                                                                    |
| Display accuracy pressure                      | 0,5 hPa                                                                                                                                                                                                      |
| Average noise level                            | < 25 dB(A) at 10 hPa<br>Operation in a distance of 1 m<br>(corresponds to an acoustic power level of 33 dB(A))                                                                                               |
| Air delivery volume                            | > 170 l/min at 4 hPa therapy pressure<br>> 160 l/min at 8 hPa therapy pressure<br>> 150 l/min at 12 hPa therapy pressure<br>> 130 l/min at 16 hPa therapy pressure<br>> 120 l/min at 20 hPa therapy pressure |
| Operating temperature                          | + 5 °C ... + 40 °C                                                                                                                                                                                           |
| Storage temperature                            | - 20 °C ... + 70 °C                                                                                                                                                                                          |
| Air humidity                                   | 15 ... 95 % rel. air humidity<br>(operation and storage)                                                                                                                                                     |
| Operating altitude                             | - 400 m ... 3500 m (1060 hPa ... 700 hPa)                                                                                                                                                                    |
| Filtration efficiency up to 1 µm               | 99,5 %                                                                                                                                                                                                       |
| CE-mark                                        | according to EC Directive 93/42/EEC                                                                                                                                                                          |
| Product class according to the MDD             | IIa                                                                                                                                                                                                          |

The technical specifications are subject to technical modification.