



Technical Data

Mass	ca. 2,3 kg
Power supply	100 V ~...240 V ~, 50...60 Hz 24 V DC / 2,1 A
Pressure range	4 ... 20 hPa (mbar)
Max. Limitpressure in the event of error	< 30 hPa (due to construction)
Dimensions (w x l x h)	215 x 195 x 105 mm
Power consumption (24 V DC)	Maximum 50 W Standby < 5 W at 12 hPa (without humidifier) 10 W at 12 hPa (with humidifier, level 5) 30 W
Power consumption (power supply)	Maximum 50 W Standby < 5 W at 12 hPa (without humidifier) 12 W at 12 hPa (with humidifier, level 5) 33 W
Short time pressure variance at 4 hPa	10 bpm = $\pm 0,10$ hPa 15 bpm = $\pm 0,17$ hPa 20 bpm = $\pm 0,25$ hPa
Short time pressure variance at 8 hPa	10 bpm = $\pm 0,10$ hPa 15 bpm = $\pm 0,17$ hPa 20 bpm = $\pm 0,25$ hPa
Short time pressure variance at 12 hPa	10 bpm = $\pm 0,10$ hPa 15 bpm = $\pm 0,17$ hPa 20 bpm = $\pm 0,25$ hPa
Short time pressure variance at 16 hPa	10 bpm = $\pm 0,10$ hPa 15 bpm = $\pm 0,17$ hPa 20 bpm = $\pm 0,25$ hPa
Short time pressure variance at 20 hPa	10 bpm = $\pm 0,10$ hPa 15 bpm = $\pm 0,17$ hPa 20 bpm = $\pm 0,25$ hPa
Values determined with and without AquaTRENDuni	
Long-time pressure variance	< 0,3 hPa
Display accuracy pressure	0,5 hPa
Average noise level	< 26 dB(A) at 10 hPa Operation in a distance of 1 m (corresponds to an acoustic power level of 34 dB(A))
Air delivery volume	> 170 l/min at 4 hPa therapy pressure > 160 l/min at 8 hPa therapy pressure > 150 l/min at 12 hPa therapy pressure > 130 l/min at 16 hPa therapy pressure > 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. humidity (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.