WellStat

TECHNICAL SPECIFICATIONS DATA SHEET

WellStat Air Plus

Comprehensive Intelligence, Elevated Performance

A robust, advanced indoor environmental monitor for regulated, high-performance, and mission-critical spaces. With precision-grade sensing and compliance-ready data, it delivers expanded diagnostics and integrates seamlessly into complex building systems. Air Plus provides real-time visibility and operational control, helping facilities protect occupants, safeguard assets, and optimize performance.

Measured Parameters	
PM1.0	0–1000 µg/m³, ±(5 µg/m³ + 5%) at 0–100 µg/m³, (±10% at 100–1000 µg/m³)
PM2.5	0–1000 µg/m³, ±(5 µg/m³ + 5%) at 0–100 µg/m³, (±10% at 100–1000 µg/m³)
PM4.0	0–1000 µg/m³, ±25 µg/m³ at 0–100 µg/m³, (±25% at 100–1000 µg/m³)
PM10	0–1000 µg/m³, ±25 µg/m³ at 0–100 µg/m³, (±25% at 100–1000 µg/m³)
Carbon Dioxide (CO_2)	0–40000 ppm, ±(50 ppm + 2.5%) at 0-1000 ppm, (±(50 ppm + 3%) at 1001-2000 ppm; ±(40 ppm + 5%) at 2001-5000 ppm)
Carbon Monoxide (CO)	0–500 ppm, res. 0.1 ppm, ±10%, (or ±5% full scale)
Ozone (O_3)	0–10000 ppb, res. 1 ppb, ±15%
Formaldehyde (CH_2O)	0–5000 ppb, res. 1 ppb, ±25 ppb at < 163 ppb, (±15% at > 163 ppb)
Total Volatile Organic Compounds (TVOC)	0-2000 ppb, res. 1 ppb, ± (15%)
Volatile Organic Compounds (VOC) Index	1–500 Index points, ±15 i.p. at < 100 i.p., (±15% at > 100 i.p.)
Nitrogen Oxides (NOx) Index	1–500 Index points, ±50 i.p. at < 100 i.p., (±50% at > 100 i.p.)
Temperature	-40 - 125 °C *, ± (0.4 °C) at 0 - 90 °C, (typically ± 0.2 °C)
Relative Humidity	0-100 % RH, ± (2.5% RH) at 0 - 90 % RH, (typically ± 2%)
Pressure	300–1100 hPa, ±1 hPa, res. 0.5 hPa
Sound Pressure Level (SPL)	30–140 dB, 1 dB res.

Certifications & Standards
FCC & CE / CA Certified
RoHS Compliant
Supports WELL / Fitwel alignment

Device Hardware & Connectivity
Antenna: Integrated, no external connector
Status LED: Single RGB indicator
Power: USB-C, 4.5–5.5 V, 2 A input
Additional Input: 24VAC, 500 mA with surge protection

Optional Communication Modules
LoRaWAN
LTE / NB-IoT

Device Lifespan & Warranty	
Device Lifespan	3 years
Warranty	1 year

Physical Dimensions	
Dimensions	184mm x 125mm x 34mm

HTSUS Classification	
9027.10.00	Smoke or gas analysis apparatus

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