

Technical Specification

GlanAir TD40



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| Particle Output | SKU TD40-st: PM1, PM2.5, PM10 ($\mu\text{g}/\text{m}^3$) SKU TD40-i8: 0.5 μm , 1 μm and 5 μm |
| Size Categorisation | 24 software bins |
| Particle Size Range | 0.35 – 40 μm spherical equivalent size |
| Total Flow Rate | Air passing through sensor 5.5 L/min |
| Max Particle Count Rate | 10,000 per second |
| Max Coincidence Probability | % concentration at 10^6 particles / L 0.84 % concentration at 500 particles / L 0.24 |
| Laser Class | Class 1 |
| Calibration | NIST Traceable |
| Dimensions | 140mm x 145mm x 80mm (l x w x h) |
| Weight | 375g (enclosure weight without power supply) |
| Connectivity | GY36 Zigbee to Ethernet Gateway 2.4Ghz |
| Software | HEX cloud-based monitoring account |
| Power Input | 100-240V International Adapter DC 12V +/- 10%, 420mA (supplied) |
| Power Consumption | 280mA @ 12V |
| LCD Display | PM, Temperature, Humidity |
| Certification / Compliance | CE FC RoHS |