



TADBIR Aerosol Generator TR-100



Technical Data

| | | | | | | |
|---|--|---|---------------------------|-------------------------------|----------------------------------|-------|
| Mass of FPC compound | 100 g | | | | | |
| Generators gross weight | weight | | | tolerance | | |
| | 1300 g | | | ±5% | | |
| Generator dimension (mm) | Height | | Width | | Length | |
| | 150 | | 80 | | 80 | |
| Activation mechanism | Electrical | | | | | |
| Value of activation | 3/6/12/24V D/C , Min 0.8A , in 3-4s | | | | | |
| Activator type | Heating elements with 1.6-3.6 Ω resistance | | | | | |
| Activation line supervision current (Max) | 5 mA | | | | | |
| Operating discharge time | Min | | | Max | | |
| | 5 seconds | | | 10 seconds | | |
| Number of discharge outlet | 1 | | | | | |
| Discharge length | 1 m | | | | | |
| Relative humidity | Up to 98% at 60 C° | | | | | |
| Operating temperature range | From -30 C° to 60 C° | | | | | |
| Self activation temperature of SBK | 300 C° | | | | | |
| Maximum value coverage | 2 m3 | | | | | |
| Maximum installation height | 1 m | | | | | |
| Classes of fire | EN 2 | A | B | C | D | F (K) |
| | | ✓ | ✓ | ✓ | ✗ | ✓ |
| Minimum clearance (mm) | From persons | | From combustible material | | From generator's casing | |
| | 2200 | | 850 | | 5 | |
| Environmental parameters | ODP | | GWP | | ALT | |
| | Zero | | Zero | | Negligible | |
| Technical parameters | Electrical conductivity | | Corrosion | | Oxygen depletion after discharge | |
| | Nil up to 24 KV | | Zero | | Negligible | |
| Note | ODP: Ozone depletion potential | | | GWP: Global warming potential | | |
| | ALT: Atmospheric life time | | | | | |

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