

Leakage Detection

Fog Generators

Foggers are ideal for tracking typical leakages in building components, connections and penetrations. They are particularly suited for visualizing leakage paths and make it possible to define different airflows (e.g. air flows coming from inside to the outside and air flows that are only inside the building).

Typical applications

- Locating cable ducts with air flow in walls, ceilings, or floors between fire zones
- Locating leakages in the area of window joints and connections
- Locating wall joints, for example via drafty wall sockets
- Visualizing leakages, e.g. through built-in spotlights

Mains-operated Foggers

HeavyFogger and SlightFogger

These two foggers are highly effective. Power and fluid consumption are low without reducing the amount of fog produced. Powerful fog clouds will find their way even through the insulation, making it easy to locate and visualize complex leakage paths through crooked wall bonds or large-volume shafts. Digital technology enables precise adjustment of the pump. Fogoutput settings from 0 to 99 % at 1 % intervals allow for individual adjustment to the respective room size. Both foggers can optionally operated with radio remote.



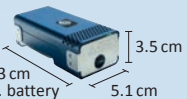
Battery-operated Foggers

PowerFogger, HandFogger and MiniFogger

Battery-operated foggers are the perfect alternative to cable-operated foggers. They excel in an easy handling and quick operation readiness. They are ideal for the use on scaffoldings to access hard-to-reach building areas. Because of an intelligent control mechanism the battery supplies energy only when necessary. Thus the fog time is greatly increase compared to conventional battery powered machines.



Technical Data



| | HeavyFogger K/F | SlightFogger K/F | PowerFogger | HandFogger | MiniFogger |
|--|--|---|---|--|---|
| Procedure | Vaporizing fog generator | Vaporizing fog generator | Vaporizing fog generator | Vaporizing fog generator | Vaporizing fog generator |
| Power requirement | 1,300 W | 650 W | 400 W | 70 W | 30 W |
| Voltage | 230 V/50 Hz or 120 V/60 Hz | 230 V/50 Hz or 120 V/60 Hz | 12 V with battery | 11.1 V with battery | 3.7 V with battery |
| Warm up time | approx. 7 minutes | approx. 7 minutes | 1 second | 1 second | 1 second |
| Fluid consumption at max. output at continuous output | 120 ml/minute 35 ml/minute | 60 ml/minute 15 ml/minute | 10 ml/minute at continuous output | 2.3 ml/minute at continuous output | 0.65 ml/minute at continuous output |
| Fluid tank capacity | 5 l | 750 ml | 250 ml | 50 ml | 5 ml |
| Fog output | adjustable in 99 steps | adjustable in 99 steps | | | |
| Output projection | max. 15 m | max. 8 m | | | |
| Fogging time | approx. 40 seconds continuous output | approx. 35 seconds continuous output | approx. 10 minutes continuous output or or 100 x 5 sec. bursts | approx. 10 minutes continuous output or 150 bursts | approx. 10 minutes continuous output |
| Control | 0–10 V analog Internal timer Stand-alone-operation Cable remote Radio remote (optional) | 0–10 V analog Internal timer Stand-alone-operation Cable remote Radio remote (optional) | Start button Radio remote (optional) Timer (optional) | Start button in the lid Radio remote (optional) Timer (optional) | Start button in the lid Cable remote Radio remote (optional) |
| Overheating protection | Heater block, Thermostat, Pump/Thermal switch | Heater block, Thermostat, Pump/Thermal switch | | | |
| Dimensions (L × B × H) | 470 × 230 × 240 mm | 350 × 180 × 190 mm | 223 × 100 × 210 mm | 250 × 53 × 55 mm | 115 × 51 × 35 mm |
| Weight | approx. 8.6 kg (without canister) | approx. 5.4 kg (without canister) | 5.6 kg (without canister) | 630 g (incl. battery) | 250 g (incl. battery and tank) |
| Package includes | Fogger (canister lid with fast coupling, silicon hose and sinter filter) and 5 l fluid. Optional: flightcase | Fogger (750 ml tank incl. canister lid with fast coupling, silicon hose and sinter filter) and 2 l fluid. Optional: flightcase | Fog generator incl. battery 12 V/400 W, charger and 250 ml fluid | Fog generator incl. battery 11.1 V/70 W, charger, 250 ml fluid and flightcase | Fog generator incl. 2 batteries with 3.7 V, charger and cable, cable remote incl. cable, 6 fluid reser- voirs à 5 ml, refill set, 250 ml special fluid, flightcase |



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