

AN03 – APPLICATION NOTE

Some tips to test the effect of NUBI 4.0 smoke delivery

1. Do not confuse NUBI with a traditional fog machine. These machines are often tested for a few seconds, just to check the operation of all their components, rarely an environmental saturation test will be performed as in a real situation.
2. The NUBI smoke delivery can no longer be interrupted, it proceeds until the cartridge is completely exhausted, so the test environment will be saturated, as in a real situation.
3. NUBI's job is to prevent theft, so the smoke emitted will be very persistent in the environment. It will not be enough for a thief to open a window to make the smoke disappear quickly.
4. Choose an environment where you can create good ventilation in order to clean the environment as quickly as possible after the test
5. If you are trying NUBI in your offices, do it near or after the closing time so as not to disturb or interrupt the work.
6. Consider the fact that smoke generated by NUBI in a room could spread to other rooms through ventilation systems, countertops or other chink.
7. When the environment has a smoke detection system, it must be temporarily disabled.
8. Many studies have been done on the smell and color of smoking. The cartridge contains incense, within 24 hours after the test the environment emits incense smell and then returns neutral.
9. The tests that will be performed within 4 hours from the power supply of the NB40F1 device will not require the replacement of the validation board, for this reason the validation board may not be provided with the spare cartridge in the evaluation kit.