

## Different Modes of CleanCubes

### Operating Guide

This Guide is an auxiliary to the CleanCube Pro and Classic Operation Manual.

#### 1. Different modes

CleanCube types	NORMAL	STEP	PULS	CHECK
Pro	✓	✓	✓	✓
Classic	✓	✓		
Mini	✓			

#### 2. NORMAL mode

The CleanCube runs continuously until the end of the spraying process is reached. On the CleanCube Pro and Classic, the room size and the required concentration needs to be set, and the spray time is automatically calculated. On the CleanCube Mini the spray time must be set manually.

#### 3. STEP mode - CleanCube Pro and Classic

Principle of operation	Application areas
The nebulization of disinfectant can be programmed in three steps. The time of each step can be chosen according to the needs. Each step requires to subdivide the process into a chosen time of nebulization and a chosen time of operation stop. When stopped, the device stops functioning completely. The fog has then the time to settle on surfaces and opens the cell walls of bacteria and the capsid of viruses. Then, the device automatically starts and stops for another two disinfection cycles, killing effectively the remaining bacteria and viruses.	The STEP mode is very effective in high risk environment such as microbiologist laboratories, pharmaceutical production facilities, slaughterhouses, virus research institution or medical facilities with high resistant bacteria and viruses.

#### 4. PULS mode - only CleanCube Pro

Principle of operation	Application areas
The nebulization of disinfectant is set in a fixed time mode. After setting the spray time the process of disinfection runs normally. After 30 seconds, the dosing liquid pump stops for 15 seconds while the blower continues to maintain the air vortex in the room. Then, the dosing liquid pump starts again to nebulize for another 30 seconds. This procedure continues until the set spray time is terminated.	The PULS mode is applied for environments which require a gentle disinfection or with sensitive objects in the room. It helps to avoid too much humidity in the room. A tropical room environment requires the calculation of the maximum allowed spray time before starting the disinfection process. <a href="http://en.steinermann-disinfection.ch/customers">en.steinermann-disinfection.ch/customers</a>

#### 5. STEP vs PULS mode

	STEP	PULS
Duration of spray time	The spray time can be defined → in 3 cycles	30 seconds on, 15 seconds off, 30 seconds on...etc.
Air flow during spray pause	Air flow stops, pump stops	Air flow continues, pump stops

This Operation Guide can be downloaded from: [steinermann-disinfection.ch](http://steinermann-disinfection.ch)