

## **Technical description of the Air Purifier (Stand)**

Hold the metal hook on the ion generator (the plastic tube). Then carefully lift the collector (Aluminum cylinder) over the hook. And let the collector slide back down and rest on the metal hook.

For model LAIFSU, LAIFSU-XXXXXX, LAIFSU2, LAIFSU2-XXXXXX, LAIFST, LAIFST-001, LAIFST-XXXXXX, LAIFEV, LAIFEV-050502 and LAIFEV-XXXXXX, carefully place the ion generator and collector onto the acrylic stand in order to connect to the electricity. Ensure that the ion generator and collector are pressed down firmly and surely into acrylic stand. Finally, plug the transformer cable into the switch plug in adaptor plug.

Once plug in the adaptor, DC 12V will be output to the PCBA, and then pass through the transformer inside the ion generator. It will be converted into high voltage. The negative ions generated from the needle emanate from the unit throughout the room. Since most harmful pollution generated both by indoor and outdoor sources are positively charged. The negative ions attached to the positively charged harmful particles in the air like dust, pollen, bacteria, mold, pet dander, virus etc, which accumulated and drop out of the air. The positively charged collector attracts and leaves the air clean. The collector is proven not to lose effect overtime like filter based purifiers do. When needed, the collector can be easily be removed and cleaned. Larger clusters of particles that are not drawn to the collector is kept on the floor, out of the air until they are vacuumed up.