

During the past years, we have improved the HRV control according to other client requirement, the improvement is as below:

1, At Thermostat

- a).In heating mode, when room temperature reaches the set value, electric heater stop while fan keep running; (Before, fan also stop.)
- b).In heating mode, when turn off the AHU, fan stops 2 minutes after electric heater stop; (Before, fan stop 30 seconds after.)
- c). Develop the thermostat for external sensor connection. (Before, only internal sensor, now, both with external sensor and internal sensor, external sensor is default.)



(New Thermostat back picture)

2, At PCB

- a).Fit with PCB additional relay, to control external damper. When fan starts then the damper opens, while fan is switched off then the damper is closed. Damper is 220V. (Before, can not control external damper.)
- b).Fit with PCB additional relay, to control additional external electric heater. This external electric heater is turned only when inlet air temperature is lower than -15C, this external electric heater never work when inlet air temperature is higher than -15C. When turn off the AHU, fan stops 2 minutes after external electric heater stop. (Before, can not control additional external electric heater<additional one, not the one provided together with HRV>.)



(New PCB Picture)