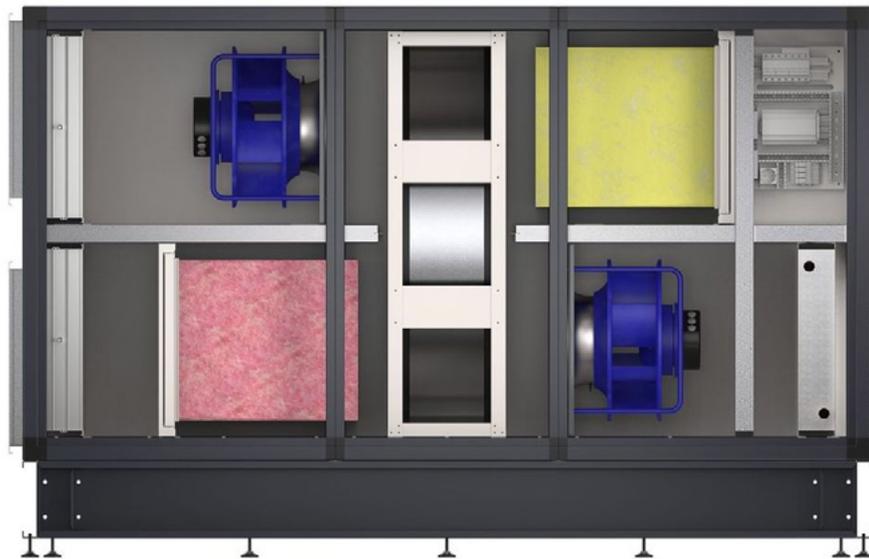


Ever opened the windows in your house during the winter and felt all that heat escape? We want to capture that heat as exhaust leaves our buildings so we can use it to preheat the cold incoming air. A Heat Exchanger does that.

Rather than just extracting air and replacing it with the air from outside, a heat recovery system draws the heat from the extracted air and passes it to the air which is being filtered in from outside. The extract and supply air do not flow within the same pipes and there would be no cross contamination of the different air flows. It works in reverse during hot days to pre-cool the incoming air with the building's already air-conditioned air.



What is a DOAS?

Heat Recovery equipment comes in a few different forms. For the MVLC, we are using a Dedicated Outside Air System, or DOAS. They are required by Code, and allow fresh air to be circulated throughout the building without losing heat.

The MVLC has two DOAS units located on the 2nd Floor Mechanical Room, serving spaces below.

