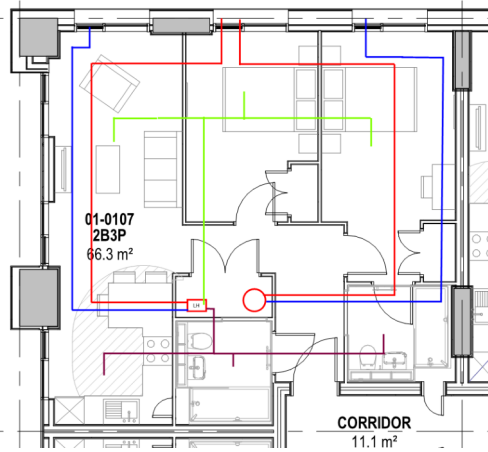


MEP Services The Fairfax

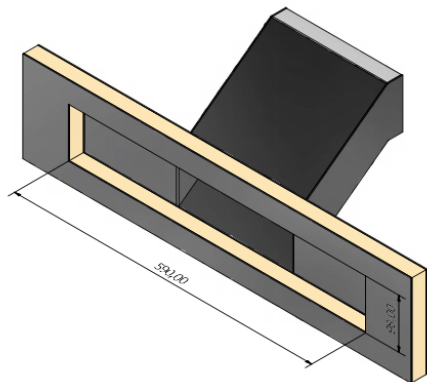
Façade Ventilation Openings

Openings for MVHRs and ASHPs – Typical Apartment

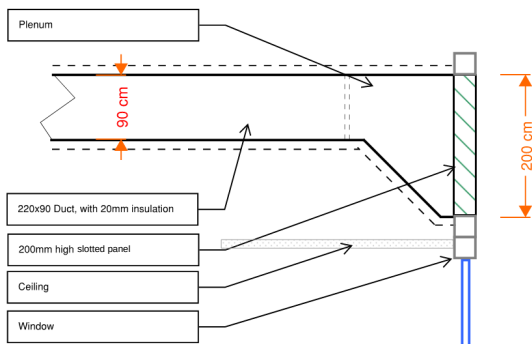


Each apartment would require air intakes and exhausts for the MVHR serving the space ventilation and for the ASHP serving the hot water cylinder.

The openings for these air paths would be formed behind slotted panels, above windows, and should incorporate a plenum to serve one or two ducts, depending on the number of available slotted panels on the facade. There will be a number of 4 (four) ducts that will need connection to the façade and, optimally, each will connect to a separate slotted panel. The plenums behind the slotted panels would incorporate 220x90mm spigots for the ductwork to connect into.



Where a single duct would connect to the slotted panel, a panel complete with a spigot may be used. The plenum would be created by an opening in the panel. The opening would have an area of 0.05sqm.



Where two ducts would connect to the slotted panel, the opening area (face) of the plenum would be double the size, 0.1sqm and the plenum would be c/w two spigots.