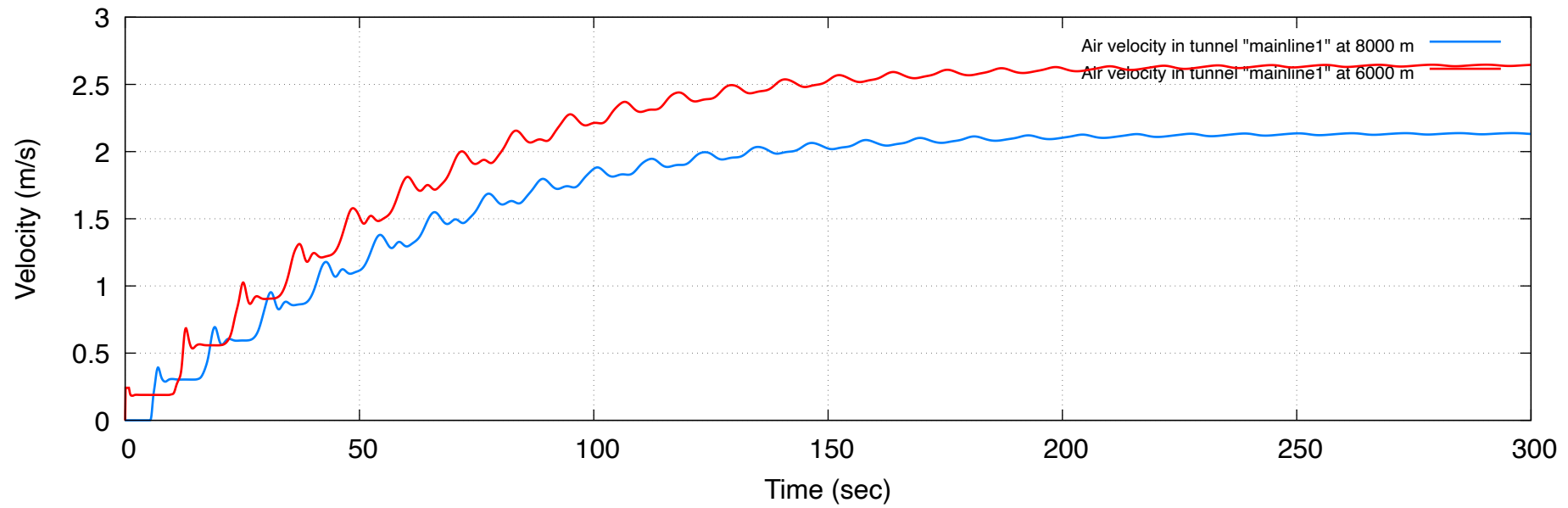
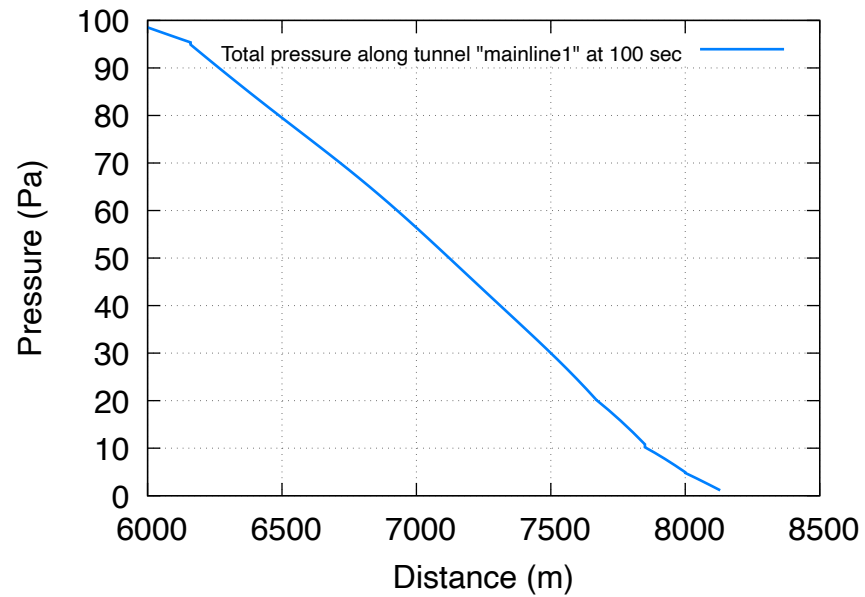


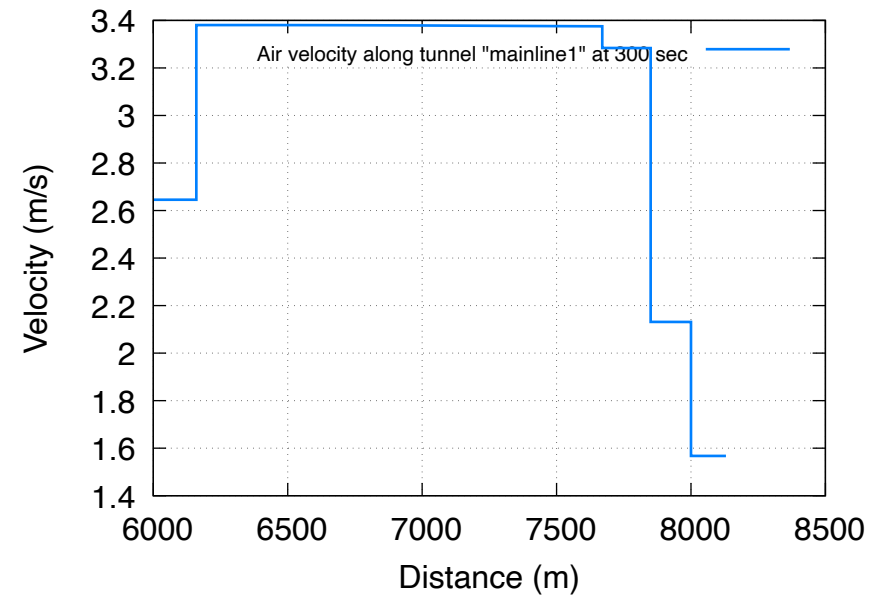
Transient velocity near both ends



Pressure profile at the final timestep



Velocity profile at the final timestep



## Mass flow and volume flow profiles at the final timestep

