

=)
$$P_2 + \frac{1}{2} P_{air} V_2^2 = 0$$
 =) $P_2 = -\frac{1}{2} (1, 2 kg/m^3) (\frac{250}{9})^2 m/s = \frac{12500}{27} P_a$
From (1): $P_2 + 9810h = 220, 775 = h = \frac{220, 775}{9810} - P_2 = \frac{220, 775}{12500/27} + \frac{12500/27}{9810}$
=) $P_2 + \frac{1}{2} P_{air} P_2 + \frac{1}{2} P_{air} P_3 + \frac{1}{2} P_3 + \frac{1}{2$