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$$\begin{aligned} \frac{dV_{dl}}{dt} &= \frac{1}{V_{dl}} \left[\frac{g}{g} + \frac{3}{4} \frac{C_{dl}\rho_{gl}}{d_{gl}\rho_{pl}} \right] & () \qquad A_{pl} = \frac{\dot{Q}_{w}F_{l}}{(\pi/6)d_{pll}^{3}} \pi d_{pl}^{2} & () \\ C_{d} &= 24/\text{Re}_{d} & \text{Re}_{d} < 2 \\ C_{d} &= 18.5/\text{Re}_{0}^{0.6} & 2 < \text{Re}_{d} < 500 & () \\ C_{d} &= 0.44 & \text{Re}_{d} > 500 \\ \end{array}$$

$$\begin{aligned} &= \left[\begin{array}{c} 0 \\ () \\ \frac{dY_{g}}{dz} \\ \frac{dY_{g}}{dy_{g}} \\ \frac{dY_{g$$

.[]

$$-\frac{3(T_{pi} - T_{ref})}{d_{pi}}\frac{dd_{pi}}{dz} \qquad ()$$

$$dm_p / dt = -N_w M_w A_p$$

$$i$$

$$\frac{dd_{pi}}{dz} = -\frac{2N_{wi}M_w}{V_{di}\rho_{pi}} \tag{)}$$

$$E^{CH} = \mu_0 - \mu_{00}$$

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X_{g,conv}



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90.0 90.0 6as humidity *y'* (kg/kg)

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