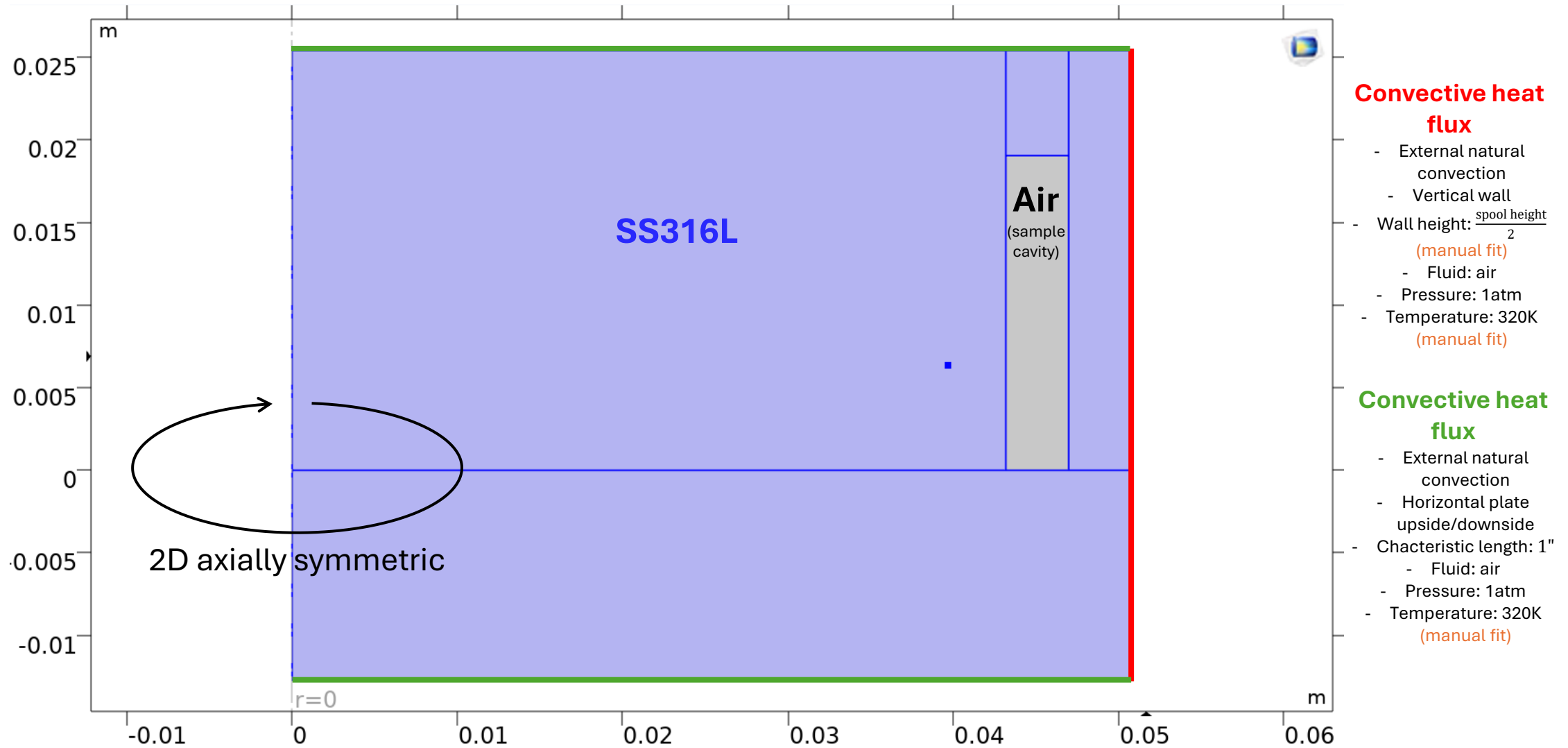


At  $t = 0s$ ,  $T = 78.026K$  (first data point from experimental data used for comparison)



Material parameters:

- **Air:** COMSOL default
- **SS316L:** Thermal conductivity  $14 \text{ W}/(\text{m} \cdot \text{K})$ , Density  $8000 \text{ kg}/\text{m}^3$ , Heat capacity  $500 \text{ J}/(\text{kg} \cdot \text{K})$  (Source: [www.matweb.com](http://www.matweb.com))