Nomenclature:

Table 1: Subscripts

Name	Description
st	steam
c	condensate
si	inside shell
so	outside shell
air	Hot air
env	environment
p	paper
shell	yankee shell
bl	boundary layer

Table 2: Nomenclature

Name	Description	Units
k	Thermal conductivity	kW/m.K
h	Heat Tr.Coeff.	$kW/m^2.K$
L	Thickness	m
q	Heat transfer	kJ/s
M	Mass	Kg
Cp	Specific heat	kJ/kg.K
dt	internal time step	s
Δt	simulation time step	s
Δp	Vapor pr. driving force	Pa
β	Mass Tr. Coeff.	m^3/s
λ	Heat of evaporation	kJ/kg
α	Thermal diffusivity	m^2/s
T	Temperature	K
m_{ev}	Water Evap. Rate	$Kg/m^2.s$