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NOMENCLATURE

CP	specific heat, J. kg ⁻¹ . K ⁻¹
f	Friction factor
L	Receiver length,
Nu	Nusselt number
P	Pressure, Pa
Pr	Prandtl number
Q	Heat flux, W.m ⁻² .K ⁻¹
Re	Reynolds number
T	Temperature, K
V	Velocity, m.s ⁻¹

Greek symbols

ϵ	emissivity
λ	Thermal conductivity, W.m ⁻² . K ⁻¹
ρ	solid volume fraction
μ	dynamic viscosity, kg. m ⁻¹ .s ⁻¹

Subscripts

a	Absorber
e	Envelope
i	Inner
o	Outer
f	fluid
sky	Sky
w	Wall
a	Ambience