Constant parameters		Values
L	Latent heat of fusion for ice	$3.35 \times 10^5\,\mathrm{J\,kg^{-1}}$
c_w	Specific heat capacity of water	$3.974 \times 10^3\,\mathrm{J\,kg^{-1}\,K^{-1}}$
c_i	Specific heat capacity of ice	$2.009 \times 10^3\,\mathrm{J\,kg^{-1}\,K^{-1}}$
β_S	Haline contraction coefficient	7.86×10^{-4}
β_T	Thermal expansion coefficient	$3.87 \times 10^{-5}\,\mathrm{K^{-1}}$
g	Gravitational acceleration	$9.81\,\mathrm{m\,s^{-2}}$
ρ_i	Density of ice	$9.1 \times 10^2\,\mathrm{kg\,m^{-3}}$
ρ_w	Density of ocean water	$1.028 \times 10^3\,\mathrm{kg\,m^{-3}}$
γ_T	Turbulent exchange velocity (BG2003)	$5.0 \times 10^{-7}\,\mathrm{m\,s^{-1}}$
κ_T	Turbulent exchange coefficient (DCP2016)	$5.0 \times 10^{-7}\,\mathrm{m\,s^{-1}\,K^{-1}}$