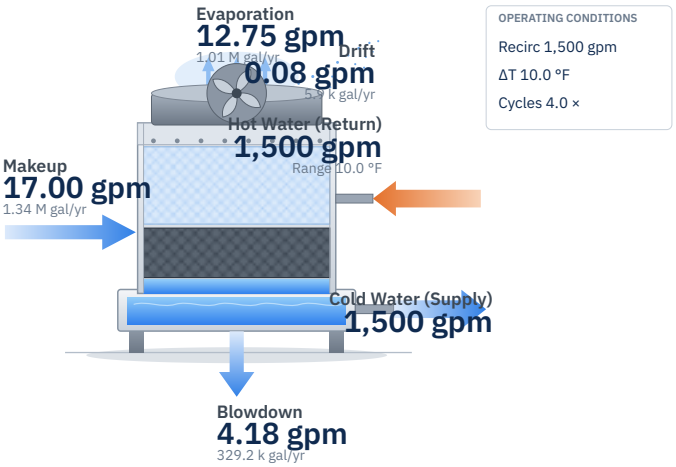
Prepared by the worked example · The Blueprint of Water · October 19, 2026

Sample Cooling Tower · Cooling Tower Calculator



500 tons Tons

4.0 Cycles

17.0 gpm Makeup

INPUTS

FIELD	VALUE
Recirculation	1,500 gpm
Range	10.0 °F
Cycles of concentration	4.0
Equivalent full load hours	1,314 hr/yr
System volume	15,000 gal
Evaporation factor	0.85
Water and sewer cost	6.00 usd/kgal
Drift	0.005%

ASSUMPTION LEDGER

This model supplied no assumptions; every value above was entered.