

Equal Flow System

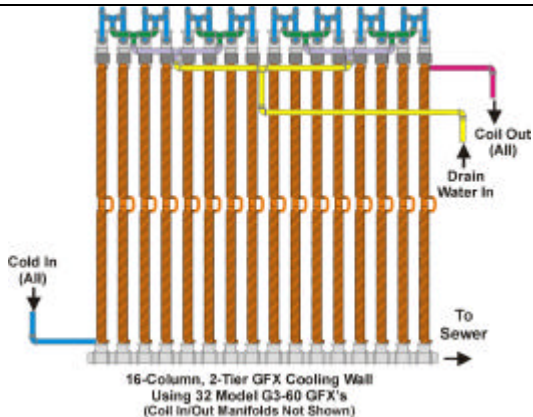
Two-Tier Design

GFX Parameters

Flow Rate: 36 gpm Coils & Tubes

Coil Pressure Drop = 16 psi

Effectiveness = DHR-Efficiency = 75%
(80% With Model G4-60 GFX's; 22 psi)



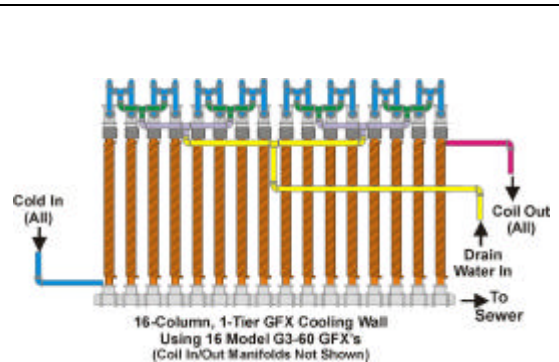
Single Tier Design

GFX Parameters

Flow Rate: 36 gpm Coils & Tubes

Coil Pressure Drop = 8 psi

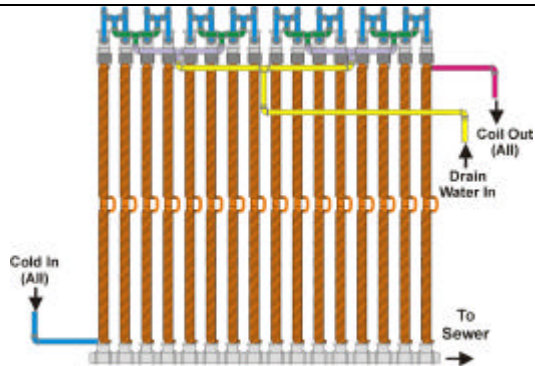
Effectiveness = DHR-Efficiency = 60%
(67% With Model G4-60 GFX's; 11psi)



Unbalanced Flow

Two-Tier Design

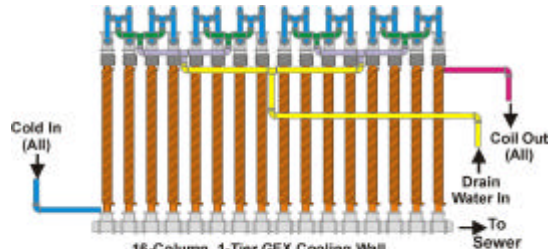
GFX Parameters
Coil Flow: 17 gpm
Coil PD = 3.6 psi
Drain Flow: 45 gpm
Effectiveness: 95%
Flow Ratio: 0.38 17 gpm
DHR-Efficiency: 36.1%



16-Column, 2-Tier GFX Cooling Wall
Using 32 Model G3-60 GFX's
(Coil In/Out Manifolds Not Shown)

Single Tier Design

GFX Parameters
Coil Flow: 17 gpm
Coil PD = 1.8 psi
Drain Flow: 45 gpm
Effectiveness: 82%
Flow Ratios: 0.38
DHR-Efficiency: 31.2%



16-Column, 1-Tier GFX Cooling Wall
Using 16 Model G3-60 GFX's
(Coil In/Out Manifolds Not Shown)