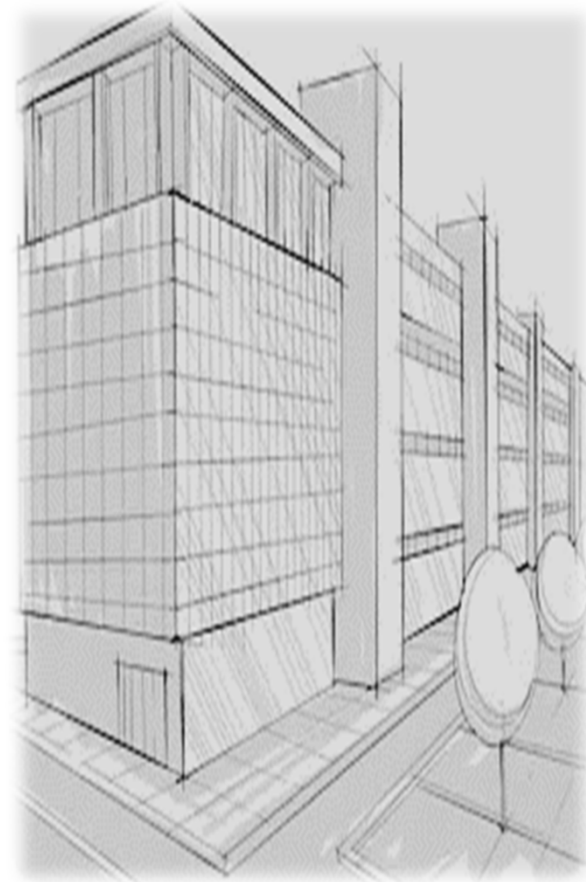
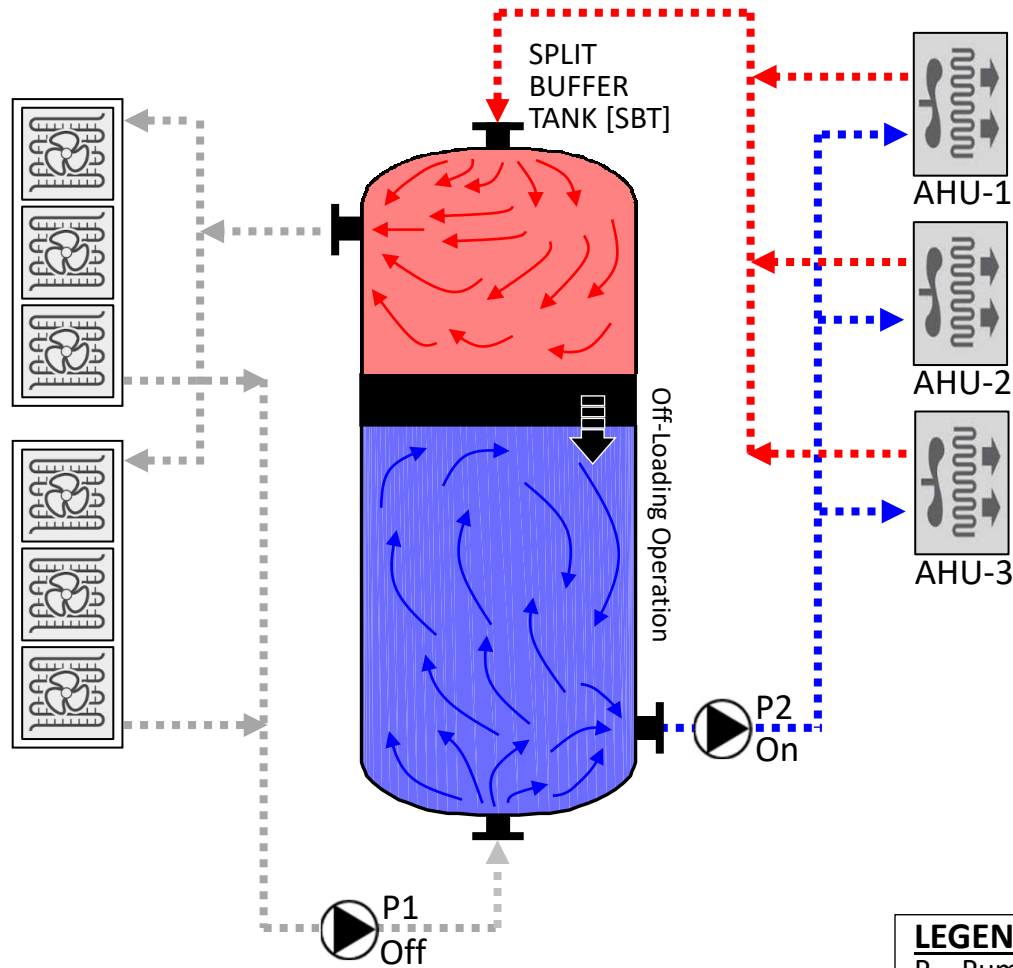
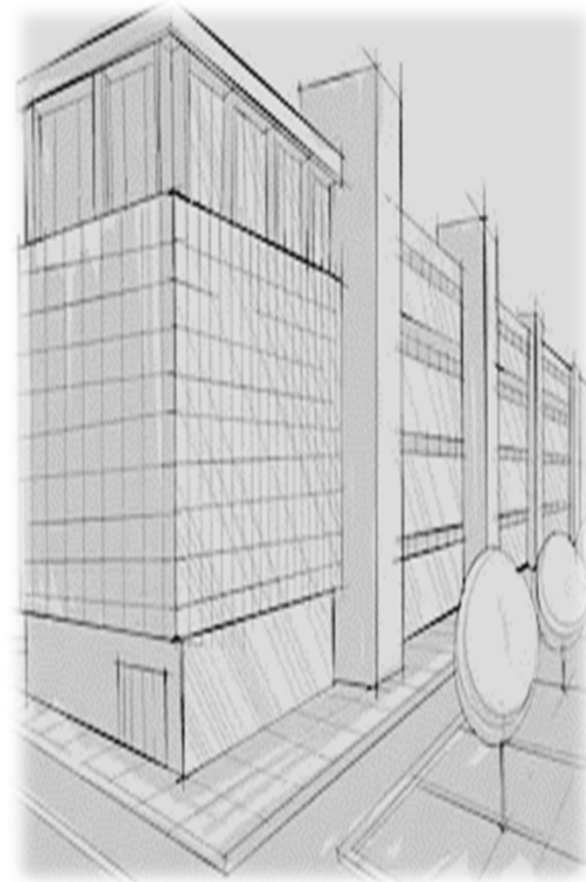
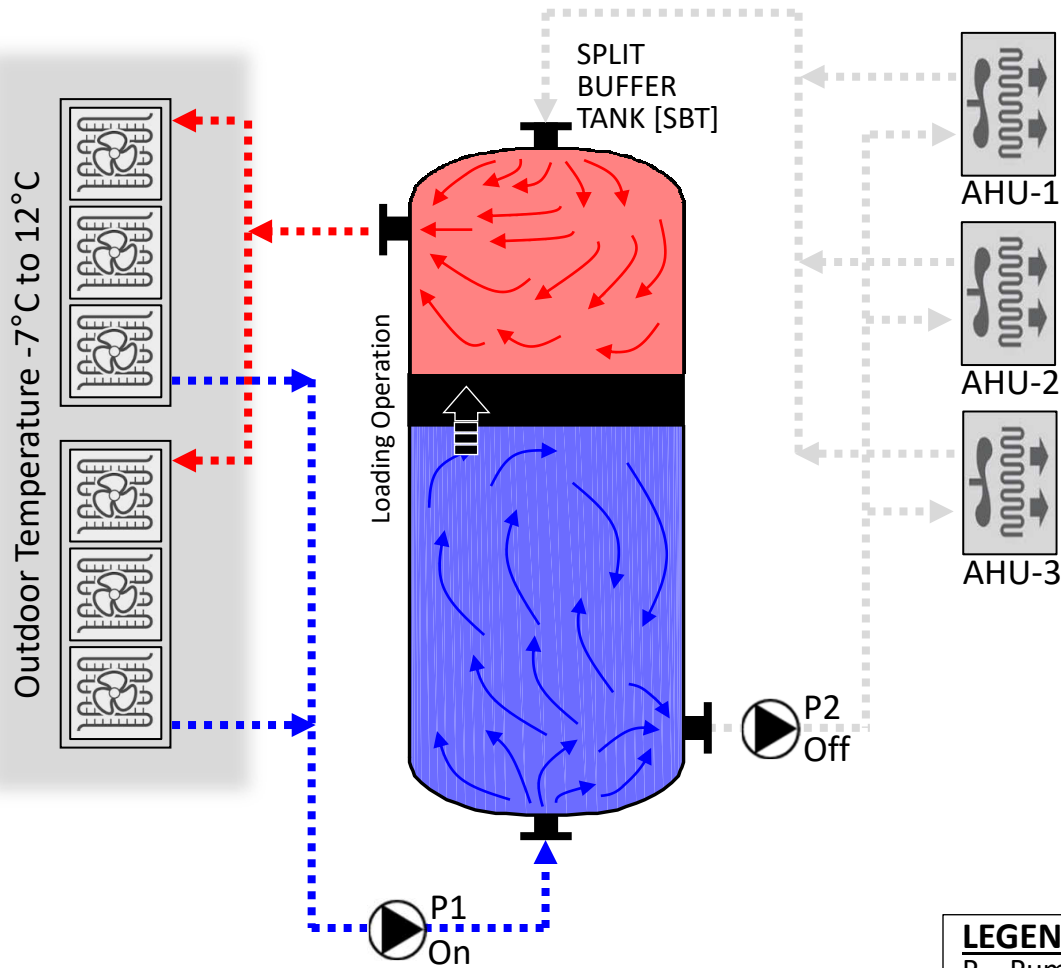


FREE COOLING SBT-STORAGE SYSTEM
FREE COOLING / ON-DEMAND MODE



LEGEND:
 P – Pump
 AHU – Air Handling Unit
 SBT – Split Buffer Tank
 —> Cold Water Supply
 - -> Warmed Water Return
 - - -> No-Flow

FREE COOLING SBT-STORAGE SYSTEM
SBT LOADING / OFF-DEMAND MODE



LEGEND:

P – Pump	—▶ Cold Water Supply
AHU – Air Handling Unit	—▶ Warmed Water Return
SBT – Split Buffer Tank	—▶ No-Flow



Energy Efficiency
Beyond Standards

FREE COOLING SBT-STORAGE SYSTEM ADVANTAGE

DBBS Technology
denering@dbbs.technology
www.dbbs.technology.com

- In locations with temperature oscillations between -7°C to 12°C SBT-Storage Systems can provide significant opportunities for energy savings on air-conditioning operation through Free Cooling.
- Data centers SBT/Zero-Mixing operation maximizes raising supply/return temperatures DIFFERENTIAL generating free cooling opportunities without compromising computer room functionality. ASHRAE (Class 1 & 2) still well within the recommended data centre upper operating temperature of 27°C (80.6°F).