

4.01.03 – CAMPUS CONDITIONS
DESIGN AND CONSTRUCTION STANDARDS

CAMPUS CONDITIONS

beginning of each project including potential utility ~~file~~ locations and requirements.

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| Energy Monitoring System: | Structureware |
| Hot Water Supply Temperature: | 140 -180 degrees F |
| Hot Water Supply Pressure: | Varies based on project location; building pump shall be sized to handle full pressure requirement of the building assuming 1 atm supply pressure. |
| Chilled Water Supply Temperature: | 42 degrees F |
| Chilled Water Return Temperature: | minimum 16degrees Fdelta T |
| Chilled Water Supply Pressure: | Varies based on project location; building pump shall be sized to handle full pressure requirement of the building assuming 1 atm supply pressure. |
| Recovered Water Pressure: | Not used at this time |
| Domestic Water Pressure: | Varies based on project location |
| Purified Water Pressure: | Varies based on project location |
| Fire Protection Water Pressure: | Varies based on project location; zone dependant |
| Compressed Air: | 100 psi, -70 degrees F |
| Electric Service: | 13,200 volts, 3 phase; contact Facilities Management Electrical Department for Information |
| Outdoor design conditions | Winter = 20°F (ASHRAE Extreme Min. Mean) Summer = 98°F DB / 90°F WB Dehumidification = 89°F DB / 78°F WB (ASHRAE 0.4%) Note: Applications with 50% outside air or greater shall verify system performance at dehumidification condition. |

Indoor design conditions:

Winter = 68°F +/- 2°F

Summer = 74°F +/- 2°F

Relative Humidity = 50% +10% / -20%

Note: Specialized spaces, such as IT rooms, may be subject to different design conditions. Coordinate with project requirements.