

SYSTEM CONFIGURATION DATA

System ID	1	2	3
System name	S-1	S-2	S-3
Type of supply fan control	CAV	CAV	CAV
Cooling required?	Yes	No	No
Zone reheat required?	Yes	No	No
Space heating required?	Yes	Yes	No
Plenum or ducted air return?	Plenum	Plenum	Plenum
Wall to space cooling load ratio, LR_{wall}	80%	80%	80%
Roof to space cooling load, LR_{roof}	40%	40%	40%
Lighting to space cooling load, LR_{light}	70%	70%	70%
MinAir% (for CAV - 100%)	100%	100%	100%
Supply air temperature for summer period, °F	55.0	57.0	57.0
Supply air temperature for winter period, °F	68.2	57.0	57.0
Safety factors for:			
Heating, SF_{heat}	25%	25%	25%
Sensible cooling, SF_{sens}	5%	5%	5%
Latent cooling, SF_{lat}	5%	5%	5%
Air distribution effectiveness, η_1	1.00	1.00	1.00