

Summary of Results versus Acceptance Ranges

Thermal Fabric Low Mass Results

index	Total_tests	TRNSYS18.05.0001
Number Thermal Fabric Annual Heating Low Mass within range	10	10
Number Thermal Fabric Annual Cooling Low Mass within range	11	11
Total Within Range	21	21
Met Threshold	18	Yes

Thermal Fabric High Mass Results

index	Total_tests	TRNSYS18.05.0001
Number Thermal Fabric Annual Heating High Mass within range	9	9
Number Thermal Fabric Annual Cooling High Mass within range	10	9
Total Within Range	19	18
Met Threshold	17	Yes

Cooling Equipment Results

index	Total_tests	TRNSYS18.05.0001
Number Cooling Equip Total Energy Consumption within range	14	14
Total Within Range	14	14
Met Threshold	12	Yes

Heating Equipment Results

index	Total_tests	TRNSYS18.05.0001
Number Space Heating Equip - Total Furnace Input within range	3	3
Number Space Heating Equip - Total Fan Energy within range	3	3
Total Within Range	6	6
Met Threshold	5	Yes

Air-side Equipment Results

index	Total_tests	TRNSYS18.05.0001
Number HVAC Air Side Equip Pre-heating Coil Load within range	3	3
Number HVAC Air Side Equip Heating Coil Load within range	1	1
Number HVAC Air Side Equip Cooling Coil Total Load within range	16	16
Number HVAC Air Side Equip Cooling Coil Sensible Load within range	16	16
Number HVAC Air Side Equip Zone 1 Reheat Load within range	9	9
Number HVAC Air Side Equip Zone 2 Reheat Load within range	9	9
Total Within Range	54	54
Met Threshold	48	Yes

Cooling Equipment Detailed Results versus Acceptance Ranges

Annual Total Cooling Energy Consumption (kWh/yr)			
test_name	Min Pass	Max Pass	
CE300	33497.44	37023.49	
CE310-CE300	2671.2	6197.25	
CE320-CE300	2609.51	6135.55	
CE330-CE320	-766.31	2759.74	
CE330-CE300	3697.43	7223.48	
CE340-CE300	3172.36	6698.4	
CE330-CE340	-1392.77	2133.27	
CE350-CE300	-5354.02	-1827.98	
CE360-CE300	18083.53	21609.58	
CE400-CE300	-5782.76	-2179.4	
CE410-CE300	-5928.64	-370.87	
CE420-CE300	-3945.03	-418.99	
CE430-CE300	-4762.27	-1236.23	
CE440-CE300	-3693.69	-167.64	

TRNSYS18.05.0001	TRNSYS18.05.0001
35119.85	TRUE
4466.45	TRUE
4546.26	TRUE
933.98	TRUE
5480.23	TRUE
5166.09	TRUE
314.14	TRUE
-3318.8	TRUE
20021.18	TRUE
-3268.16	TRUE
-1522.75	TRUE
-1732.7	TRUE
-2511.71	TRUE
-1604.45	TRUE

Heating Equipment Detailed Results versus Acceptance Ranges

Furnace Input Energy (GJ)

test_name	Min Pass	Max Pass
HE210	49.86	55.11
HE220-HE210	-5.48	-.23
HE230-HE220	-9.1	-3.86

TRNSYS18.05.0001
52.43
-2.85
-6.15

TRNSYS18.05.0001
TRUE
TRUE
TRUE

Cumulative Fan Energy (kWh)

test_name	Min Pass	Max Pass
HE210	272.2	316.34
HE220-HE210	-37.57	6.58
HE230-HE220	179.46	223.6

TRNSYS18.05.0001
292.08
-15.44
204.95

TRNSYS18.05.0001
TRUE
TRUE
TRUE

