

Annual Cost Summary

Multi-Story Office Building
Carrier Corporation

08/27/2002
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Table 1. Annual Costs

Component	STD Econ (\$)	STD Econ Vent/RCLM (\$)	STD No Econ (\$)
Air System Fans	30,196	31,689	29,876
Cooling	27,591	25,508	35,469
Heating	21,821	20,094	21,821
Pumps	6,154	6,034	9,082
Cooling Tower Fans	13,943	13,837	16,857
HVAC Sub-Total	99,706	97,162	113,105
Lights	207,329	206,491	205,230
Electric Equipment	84,585	84,243	83,729
Misc. Electric	0	0	0
Misc. Fuel Use	0	0	0
Non-HVAC Sub-Total	291,914	290,734	288,959
Grand Total	391,620	387,896	402,064

Table 2. Annual Cost per Unit Floor Area

Component	STD Econ (\$/ft²)	STD Econ Vent/RCLM (\$/ft²)	STD No Econ (\$/ft²)
Air System Fans	0.093	0.098	0.092
Cooling	0.085	0.079	0.109
Heating	0.067	0.062	0.067
Pumps	0.019	0.019	0.028
Cooling Tower Fans	0.043	0.043	0.052
HVAC Sub-Total	0.307	0.299	0.348
Lights	0.638	0.635	0.631
Electric Equipment	0.260	0.259	0.258
Misc. Electric	0.000	0.000	0.000
Misc. Fuel Use	0.000	0.000	0.000
Non-HVAC Sub-Total	0.898	0.894	0.889
Grand Total	1.205	1.193	1.237
Gross Floor Area (ft²)	325101.4	325101.4	325101.4
Conditioned Floor Area (ft²)	325101.4	325101.4	325101.4

Note: Values in this table are calculated using the Gross Floor Area.

Table 3. Component Cost as a Percentage of Total Cost

Component	STD Econ (%)	STD Econ Vent/RCLM (%)	STD No Econ (%)
Air System Fans	7.7	8.2	7.4
Cooling	7.0	6.6	8.8
Heating	5.6	5.2	5.4
Pumps	1.6	1.6	2.3
Cooling Tower Fans	3.6	3.6	4.2
HVAC Sub-Total	25.5	25.0	28.1
Lights	52.9	53.2	51.0
Electric Equipment	21.6	21.7	20.8
Misc. Electric	0.0	0.0	0.0
Misc. Fuel Use	0.0	0.0	0.0
Non-HVAC Sub-Total	74.5	75.0	71.9
Grand Total	100.0	100.0	100.0