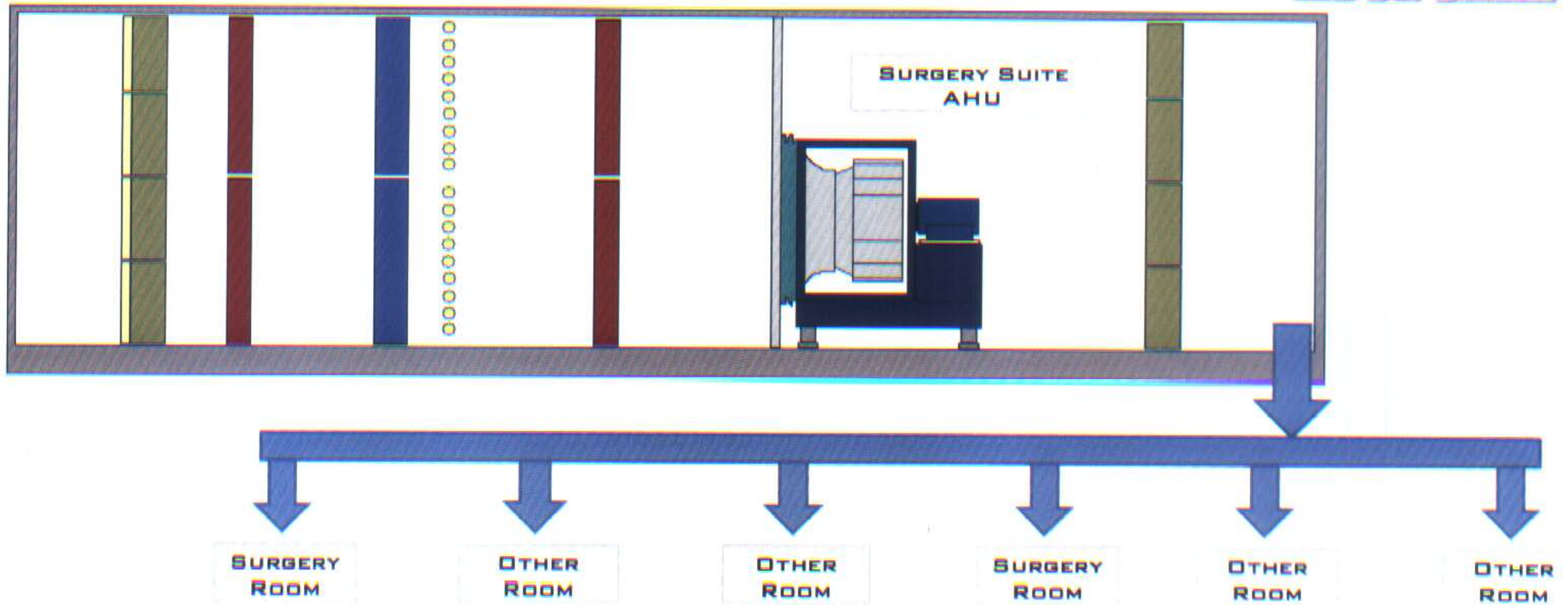




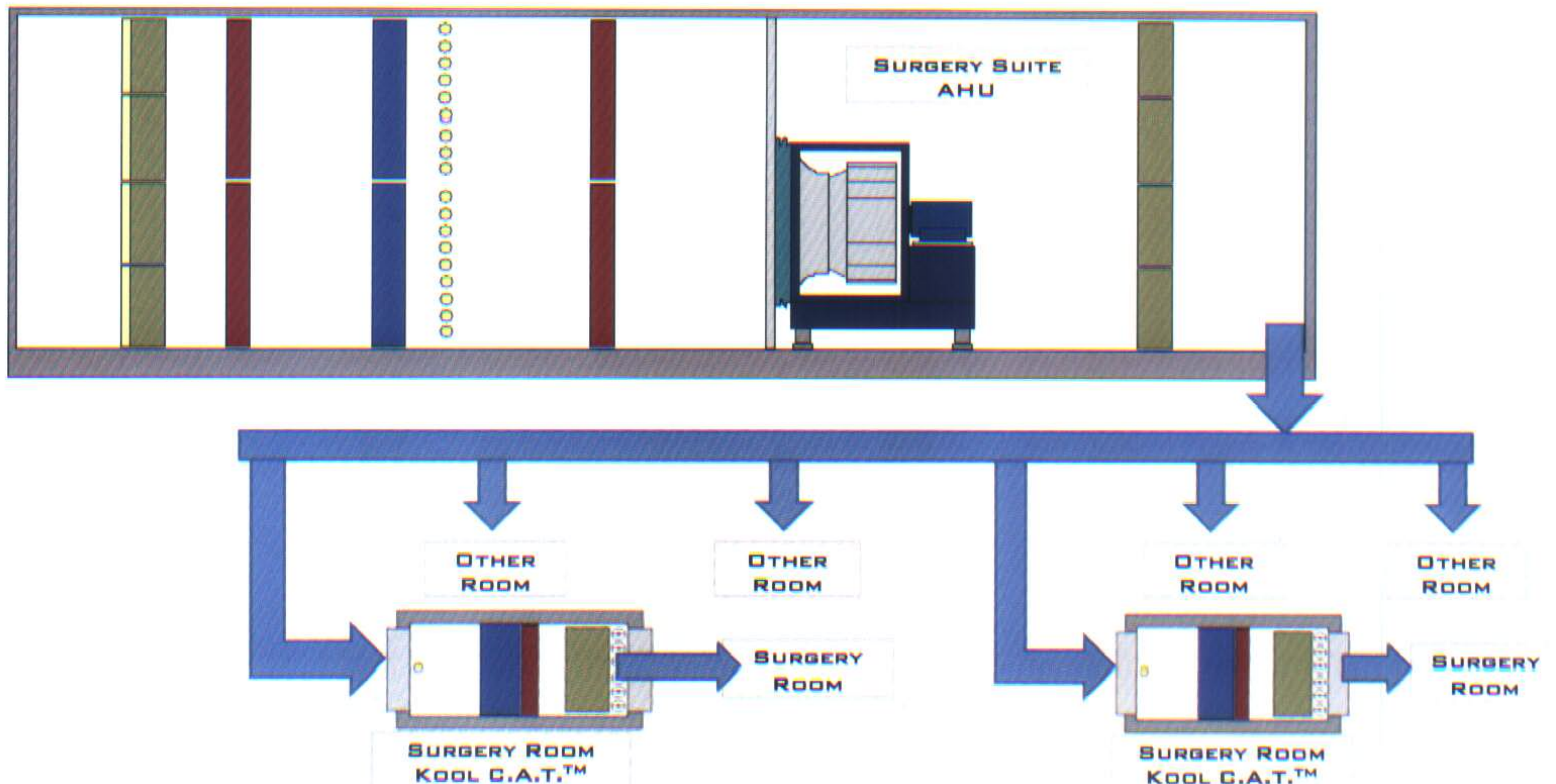
**COST BENEFITS OF USING KOOL C.A.T.™  
FOR SUGERY SUITE OPERATION COMPARED  
TO MEETING NEW RECOMMENDED  
CONDITION WITH CONVENTIONAL DESIGNS**



Surgery Suite AHU: 30,000 c.f.m.

Cooling Load: 2,228 mbtuh based on a mixed air temperature of 84°F db / 68.4°F wb & coil output of 43.1°F db / 43.0°F wb

Re-Heat Load for other rooms: 648 mbtuh based on the above cooling temperature & a room setpoint of 68°F



Surgery Suite AHU: 30,000 c.f.m.

Cooling Load: 1,958 mbtuh based on a mixed air temperature of 84°F db / 68.4°F wb & coil output of 49.5°F db / 49.4°F wb

Re-Heat Load for other rooms: 480 mbtuh based on the above cooling temperature & a room setpoint of 68°F

Surgery Room Kool C.A.T.™: (2) @ 3,000 c.f.m.

Kool C.A.T.™ Input Temperature: 55.0°F db / 51.1°F wb

Kool C.A.T.™ Cooling Coil Outlet Temperature: 43.1°F db / 43.0°F wb

Kool C.A.T.™ Discharge Conditions: 62.0°F db & 50% RH

**Annual Energy Savings: \$39,632.77**

Energy Savings Based on \$0.14/kWh, .85kw/Ton chiller efficiency, electric re-heat, 12 hour per day AHU & surgery room operation