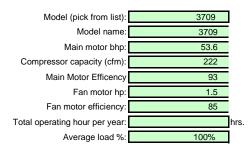
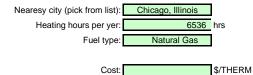


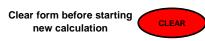
SUL-13-219

Energy Efficiency Systems Energy Savings Calculator





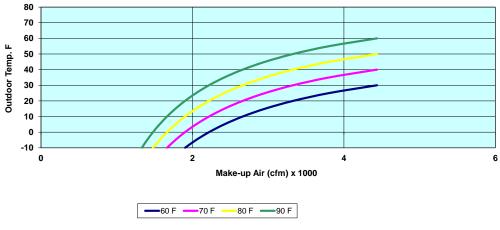
		•
Potential Energy Savings		
Compressor heat rejection:	2,274	BTU/min
Main motor heat rejection:	171	BTU/min
Fan motor heat rejection:	11	BTU/min
Heat carried in compressed air:	60	BTU/min
Total heat rejection:	2,396	BTU/min
Heat available for recovery:	2,157	BTU/min
		•
BTUs saved per year:	0	BTU/yr (x1,000,000)
Energy savings per year:	\$0	per yr
Simple payback:		yrs



EES option cost:

Installation cost:

CFM Make-up Air vs. Outdoor Temperature



Indoor Temperature Set-point

NOTES

- Assumes that yearly operating hours are spread evenly throughout the year
- Assumes 90% of rejected heat can be recovered
- Calculations based upon modified Degree-Day method 65F base (ASHRAE Handbook)
- Savings assume a 75% heating system efficiency
- Actual BTUs and dollar savings may vary based upon variations in heat rejected, system efficiencies, etc.
- Assumes a 15 deg F approach temp
- Assumes Inlet Modulation part load control and 25,000 CFM cooling air flow for "Other" models

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