

Articmaster -VS- New HVAC Unit



Details

Articmaster

HVAC Upgrade

COMMERCIAL

% of Efficiency Gain		25%		25%
Commercial Cost Per-Ton	\$	320.00	\$	1,800.00
Commercial Cost (45-Ton System)	\$	14,365.00	\$	81,000.00
Average kWh Reduced/Year (COM)		96,647		100,000
Average ROI - Commercial (Months)		12.1		65.7
Cost of Savings per-kWh	\$	0.15	\$	0.90

RESIDENTIAL

% of Efficiency Gain		25%		25%
Residential Cost Per-Ton	\$	349.60	\$	780.00
Residential Cost (5-Ton System)	\$	1,748.00	\$	3,900.00
Average kWh Reduced/Year (RES)		2,633		2,458
Average ROI - Residential (Months)		59.0		141.0
Cost of Savings per-kWh	\$	0.66	\$	1.59

Summary:

- 1.) For every \$1 spent on a New HVAC unit, it only costs \$.17 on the Articmaster System to save the same amount of power. (No Rebate Figured)
- 2.) For every \$1 in rebates given by Utility for a New HVAC unit, it only takes \$.18 in rebates for the Articmaster System to save the same amount of power. (Assuming 20% Rebate for both products)

HVAC Upgrade:

Commercial HVAC information is based on a 14 SEER / 45-Ton unit at \$1,800/ton (No Labor)

Commercial Energy Comparison is on a 20,000 sft Data Center

Residential HVAC information is based up a 14 SEER / 5-Ton unit at \$780ton (No Labor)

* Costs Above DO NOT INCLUDE Rebates