



CoilCool

Save energy and maintain comfort
add a CoilCool on your Rooftop HVAC Units.



25%

Percentage of electricity consumption by cooling and ventilation in California commercial buildings.

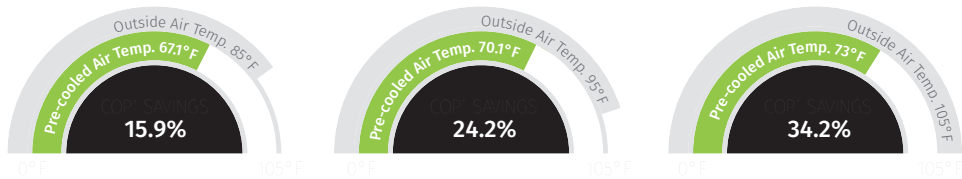
CoilCool reduces peak cooling demand by up to 40%.

Rooftop HVAC Units are essential to your building comfort. Unfortunately, in hot dry climates, they aren't as efficient as they could be. That's why we created CoilCool. CoilCool is a retrofit for your Rooftop HVAC Unit that can save you up to 20% on cooling energy and up to 40% during peak demand hours.

How CoilCool reduces Demand.

Evaporative Condenser pre-cools condenser air.

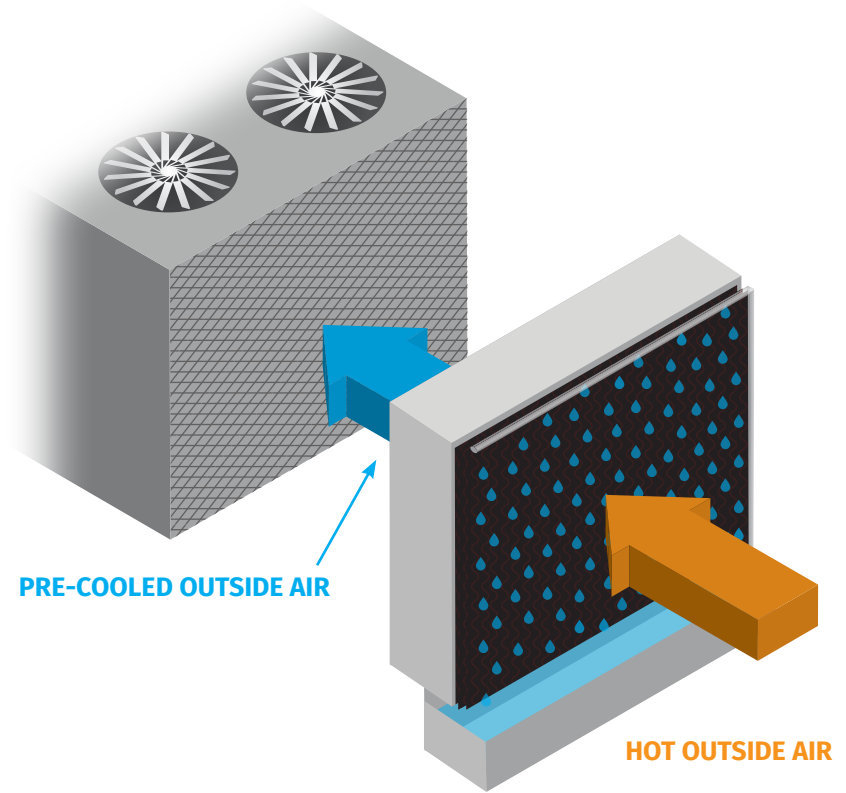
The condenser is the transport for all the heat generated by cooling your building. One or more fans work to dump the heat from the condenser to the outside environment. This workload is very energy intensive, especially when the outdoor environment is already hot. By pre-cooling the condenser air and lowering the condensing temperature, you reduce the workload and save energy.



WCEC Lab Test Results July 2014

* COP: Coefficient of Performance

CONDENSER SIDE OF A ROOFTOP UNIT



CoilCool increases cooling capacity and extends equipment life.

With pre-cooled condenser air, your compressors have higher capacity. When equipped with CoilCool, new and replacement rooftop units can be downsized to further improve economics. Existing units will run shorter cycles with reduced compressor and fan operating hours; they run less and last longer.



CoilCool offers you practical energy savings and an impressive ROI.

This table shows how your payback will likely vary with the number and size of CoilCool units you install. Economics are best when your utility rewards the value of CoilCool for reducing their energy generating requirements. We think you'll agree that CoilCool retrofits are a great energy saving investment.

Typical 2014 CoilCool Project Economics

	10-Ton	20-Ton	40-Ton	90-Ton
Customer 1 unit, installed	\$4,800	\$6,900	\$9,750	\$12,825
Customer 5 units, installed (per unit)	\$4,008	\$5,712	\$7,968	\$10,152
Customer 20 units, installed (per unit)	\$3,540	\$5,010	\$6,915	\$8,573

Payback (in years at \$0.20/kWh savings)

1 unit installed	10-Ton	20-Ton	40-Ton	90-Ton
Retail 24/7	5.9	4.3	3.0	1.8
Retail 16/7	7.7	5.5	3.9	2.3
Office/School 11/5	11.0	7.9	5.6	3.3
5 units installed				
Retail 24/7	4.9	3.5	2.5	1.4
Retail 16/7	6.4	4.6	3.2	1.8
Office/School 11/5	9.2	6.5	4.6	2.6
20 units installed				
Retail 24/7	4.4	3.1	2.1	1.2
Retail 16/7	5.7	4.0	2.8	1.5
Office/School 11/5	8.1	5.7	4.0	2.2

- NOTES:**
- Assumes 35% outdoor air
 - Performance varies with unit design and refrigerant
 - Assumes utility incentive of \$200 per kW saved
 - Costs vary with specific RTU design
 - Installed price includes water supply and 2 year service & warranty package
 - Based on CA, Valley Climate Zone



Peace of Mind with Comprehensive Care and Realtime Management

Maximize the savings from your CoilCool with ICI's service and monitoring solutions. Our seasonal service plans provide 3 proactive maintenance visits to ensure maximum productivity. And our enhanced fault detection and monitoring provide realtime alerts and analytics.

**Contact us now and start
saving energy.**

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