HVAC SAVINGS

LEADING THE FUTURE OF
LIGHTING + TECHNOLOGY

EMC's HVAC Services

HVAC operation is responsible for up to 50% of your buildings' energy and can lose up to 25% of their efficiency in the first year.

The EMC suite of HVAC services keeps your facilities running at optimum performance and comfort.

Rooftop Unit Sweeps

Replace aging equipment with traditional Rooftop Units (RTUs) or Heat Pumps.

Reclaim energy efficiency and cut costs with new equipment.

Explore the potential for significant heat pump incentives in MA, CT, NY, and CO.

Heat Pump Install Case Study

Project Scope

- Major Big Box Retailer
- 6 locations
- Average of 14 RTU replacements per site

Financial Impact

- **50%** of total project costs were covered by incentives.

UV-C Coil Cleaning Case Study

Project Scope

- Major Big Box Retailer, Florida
- 60,000 sq-ft facility
- 12 RTUs

Financial Impact

- **14%** annual HVAC energy savings: **86,000 kWh**

UV-C Coil Cleaning

Keep HVAC equipment running at peak efficiency with always-on evaporator coil cleaning.

Recover **15%** or more of lost efficiency by eliminating mold and biofilm on RTU evaporator coils.

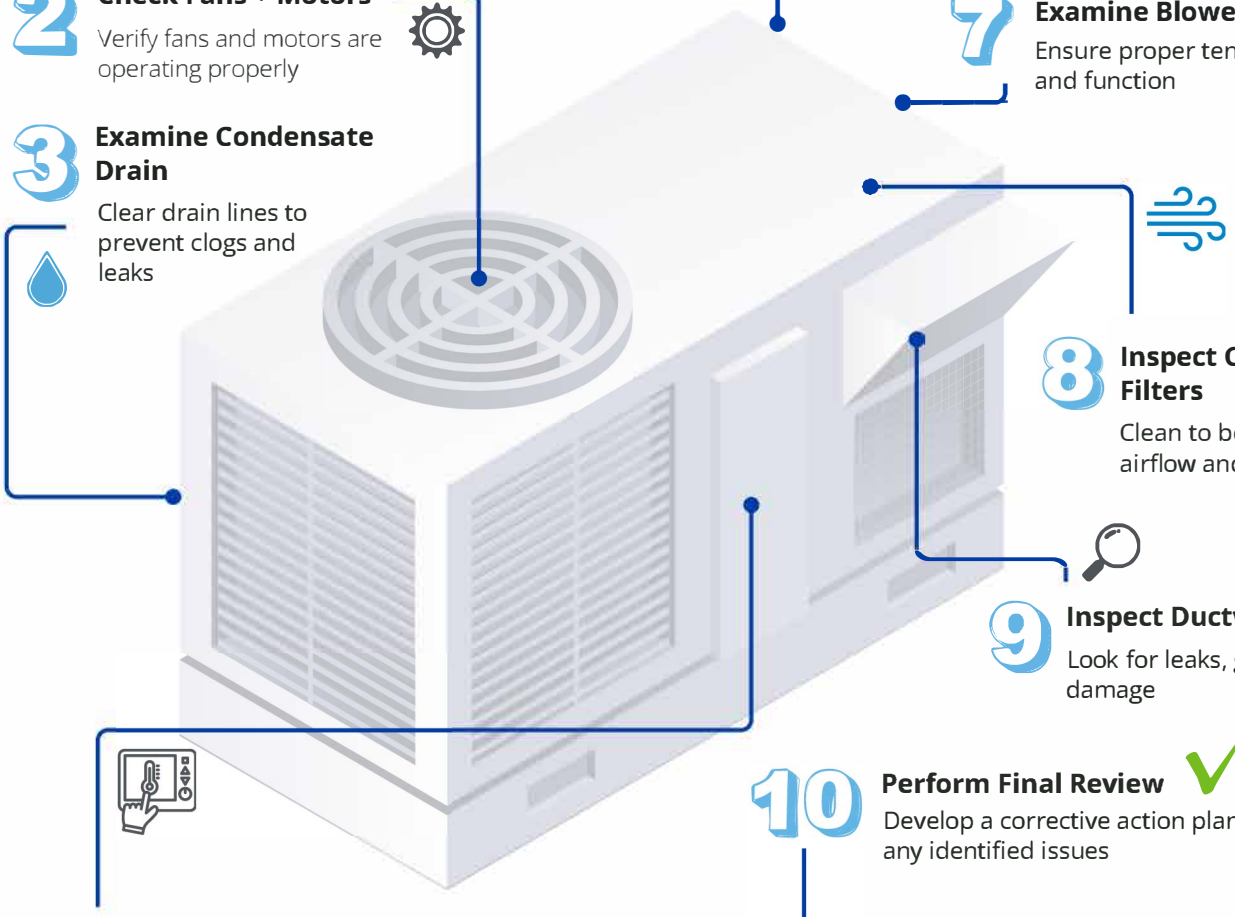
Scan the QR code to explore our HVAC case studies in more detail.

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10-Point RTU Inspection

Regularly scheduled inspections uncover potential HVAC problems before they occur. EMC's 10-point inspection assures your system is always mechanically sound.



1 Check Refrigerant Levels
Ensure optimal charge and cooling efficiency

2 Check Fans + Motors
Verify fans and motors are operating properly

3 Examine Condensate Drain
Clear drain lines to prevent clogs and leaks

4 Test Electrical Connections
Verify wiring and component safety

5 Verify Thermostat Operation
Confirm accuracy and system communication

6 Inspect Burners + Heat Exchangers
Check for wear and safe operation

7 Examine Blower + Belts
Ensure proper tension and function

8 Inspect Coils + Filters
Clean to boost airflow and efficiency

9 Inspect Ductwork
Look for leaks, gaps and damage

10 Perform Final Review
Develop a corrective action plan for any identified issues

Why This Matters

- ✓ Reduce Emergency Repairs
- ✓ Lower Energy Costs
- ✓ Extend Equipment Life
- ✓ Documented Reporting