



GLOBAL
FILTRATION

BETTER PERFORMANCE.
BETTER FOR THE ENVIRONMENT.
BETTER FOR YOUR BOTTOM LINE.

CASE STUDY: CITY OF JACKSONVILLE

6 YEARS OF COST-FREE FILTRATION AND MEASURABLE OPERATIONAL WINS

PROJECT:

City Municipality / Government
Filter Replacement Project

USE CASE:

Superintendent managed building maintenance
of multiple high debris locations

LOCATION:

Jacksonville, FL

EQUIPMENT:

Multiple air handlers with custom filter sizes:
MERV 8 19.25"x24"x4", MERV 8 20"x24"x2"

**“Given the pilot's strong results,
Jacksonville is now exploring expansion
of K&N's filtration solution across its
entire network of city-owned buildings.”**
– Building Maintenance Superintendent

OVERVIEW:

In an effort to reduce maintenance costs, improve energy efficiency, and filter lifespan, the City of Jacksonville launched a pilot program to replace disposable HVAC filters with K&N's washable, reusable filters in four key facilities: Jacksonville City Hall, the Emergency Operations Center (EOC), the Ed Ball Building, and the Animal Care & Protective Services (ACPS) facility.

The shift was driven by the need for more durable, cost-effective solutions—especially at ACPS, where over 300 dogs and 100 cats generate high volumes of hair and dust. Traditional filters struggled in this environment, requiring frequent replacements and labor-intensive upkeep. K&N's high-performance filters not only withstood these challenges but outperformed legacy options in airflow retention, durability, and ease of maintenance.

Through regular performance checks and feedback by facilities staff, the team was able to extend filter changeouts from every two months to every three, Jacksonville's facilities teams significantly cut maintenance labor while improving HVAC performance. As a result, the City is projected to achieve full ROI in just four years—well ahead of the filters' 10-year lifespan. That translates to six additional years of cost-free filtration, equating to hundreds of thousands of dollars in savings across labor, materials, and energy.

K&N ENGINEERING
14 LONGITUDE WAY,
CORONA, CA 92881



IMPROVED AIRFLOW
PERFORMANCE



REDUCED WASTE
AND CARBON IMPACT



WASHABLE AND
EASY TO CLEAN



ENGINEERED FOR
LASTING DURABILITY



FAST RETURN
ON INVESTMENT



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RESULTS:

ROI ACHIEVED:

4 YEARS

PROJECTED COST-FREE FILTRATION:

6 ADDITIONAL YEARS

LABOR SAVINGS:

33% REDUCTION
IN FILTER
CHANGEOUTS

SUSTAINABILITY:

SIGNIFICANT REDUCTION
IN LANDFILL WASTE FROM
DISPOSABLE FILTERS

PROVEN DURABILITY:

AT THE ANIMAL CARE & PROTECTIVE SERVICES FACILITY,
K&N FILTERS EXCELLED IN A DEMANDING, HIGH-DEBRIS ENVIRONMENT

KEYS TO SUCCESS:

- Extended filter life and lower maintenance requirements
- Durable performance under heavy air and debris loads
- Simplified changeout process, freeing up city maintenance teams
- Tangible financial and environmental ROI

Passionate about sustainability? Let's talk: nowaste@knfilters.com

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