

THE LEARNING EXPERIENCE

Energy Savings

The Challenge

The Learning Experience®, a national child care center franchise, realized that a large portion of their monthly operating budget was allocated to the heating and cooling of their facilities. Annual HVAC maintenance for the larger air handling equipment was also unpredictable and often an unforeseen additional expense.

The Solution

The self-cleaning GPS-FC48-AC™ was installed to reduce the amount of outside air needed to treat the indoor space. The technology also kills airborne pathogens and reduces the level of odor causing VOCs. Each installation incorporates 5 or 6 units to improve the indoor air quality of the building.

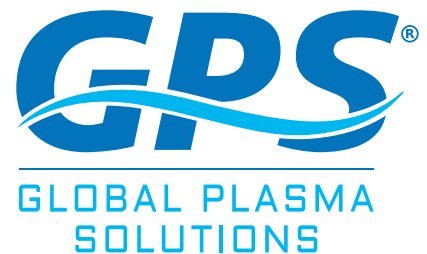


10 TON REDUCTION PER LOCATION



The Results

The Learning Experience realized a 10 ton reduction, or about 1,500 CFM, of outside air intake with the installation of the GPS-FC48-AC. This helped avoid costly HVAC equipment upgrades while reducing operating and maintenance costs. The needlepoint bipolar ionization technology also provides the added benefit of pathogen destruction, minimizing the amount of airborne pathogens and ultimate cross-contamination of germs between the children and staff. The GPS-FC48-AC is the specified solution for all the TLE® facilities across the country.



Engineering Air for a Cleaner World™

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