TRADITIONAL KITCHEN VENTILATION APPROACH

FRESH AIR RESTAURANT SYSTEM





Challenges with Traditional Kitchen Ventilation Approach

- Comfort and humidity control: RTU staged cooling, economizers, challenging humidity control via outdoor air through RTU
- Indoor air quality and pressure challenges: As RTU's cycle on and off, outdoor air is intermittently provided to the space
- X Negative building pressure

- X Turbulent airflows in the kitchen
- X Returns fighting with the hood
- Multiple suppliers, poor interlocking of equipment
- Costly, reoccurring expenses of building management system
- X High installation costs

Solution: Paragon HVAC Integrated Ventilation Approach

- Completely modulating system allows for greater efficiency
- Precise temperature and humidity control maximizes comfort
- ✓ Consistent outdoor air introduction with cross draft flow optimizes indoor air quality vs. cycling RTUs
- No return ductwork in kitchen results in lower exhaust rates and installation savings
- ✓ Positive building pressure
- ✓ Laminar kitchen airflow allows for lowest exhaust rates, maximizing savings
- ✓ Complete building integration through one manufacturer

- Complimentary 24/7 monitoring and control via CASLink building management system
- ✓ Sustainable solution designed to last up to 25 years
- ✓ Standard 5 year warranty, 10 year warranty included with a Preventative Maintenance contract
- ✓ Rapid lead times
- ✓ Reduced footprint, roof penetrations, and installation costs
- Certified Indoor Air Quality by CaptiveAire notifying occupants that they are breathing in fresh, clean air

