



# MIXED-USE BUILDING

## PRODUCT APPLICATION GUIDE

# MIXED-USE BUILDING

Mixed-Use buildings combine residential living with shopping, entertainment, and dining to provide a convenient planned community. These buildings feature restaurants, retail shopping, parking facilities, living spaces, and entertainment venues. Configurations of these buildings are generally classified into 2 categories: low rise and high rise. Three stories and below are considered low-rise while four stories and above are considered high rise. S&P offers the most complete offering of ventilation solutions for facilities.

## WHY IS IT IMPORTANT?

- S&P products can closely match the ventilation demand as occupancy changes in public, living and cooking spaces
- Solve indoor air quality issues
- Ventilation is required by the building code. Reference International mechanical code (IMC), International Residential Code (IRC), Title 24, International Energy Code Council (IECC)

## EXAMPLES:





## MODEL CM

Utility Vent Sets

APPLICATION: Elevator Pressurization



## PC Series

Premium CHOICE Series Bathroom Fan

APPLICATION: Bathroom



## MODEL FB

Filter Box

APPLICATION: Outside Air Solution



## MODEL PV-DEDPV

Dryer Exhaust Duct Power Ventilator

APPLICATION: Dryer Exhaust



## MODEL GED/eGED

Propeller Sidewall Fan

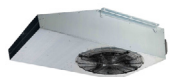
APPLICATION: Parking



## MODEL SDBD/SDBDe\*

Centrifugal Downblast Roof Exhaust Fan

APPLICATION: Trash



## MODEL IFFT/IFAB/TJFU

Jet Fan Series

APPLICATION: Parking



## MODEL STXD/ STXDe\*

Upblast Direct Drive Centrifugal Roof/Sidewall Exhaust Fans

APPLICATION: Restaurant Dishwasher Hood



## MODEL LCE

Belt Drive Sidewall Propeller Exhaust Fans

APPLICATION: Parking



## MODEL STXB/STXBRHUL\*

Upblast Belt Drive Centrifugal Roof/Sidewall Exhaust Fans with cULus 762 listing

APPLICATION: STXBRHUL- Restaurant Hood  
STXB - Dishwasher



## MDX-ES24VK

Motorized Damper and Envirosense Control

APPLICATION: Outside Air Solution



## MODEL TD

TD-Mixvent In-line fan

APPLICATION: Apartment Outside Air Solution



## MODEL RF

reFresh All-in-One Unit

APPLICATION: Outside Air Solution




## TR Series

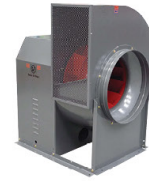
Total Recovery ERV Series

APPLICATION: Outside Air Solution



 What is ECOWATT? S&P has developed the Ecowatt® standard to classify energy-efficient products that use Electronically Commutated (EC) or Direct Current (DC) motors. Models that fall under this standard have a certified performance through AMCA (Air Movement & Control Association International, Inc.) or HVI (Home Ventilating Institute). If the products designed for residential applications the model must be ENERGY STAR® qualified.

\* Miami-Dade certified, TAS201-TAS202-TAS203



## Elevator Pressurization

CM



## Parking

GENERAL EXHAUST: LCE & GED



## Underground Parking Circulation Fan

Jet Fan Series

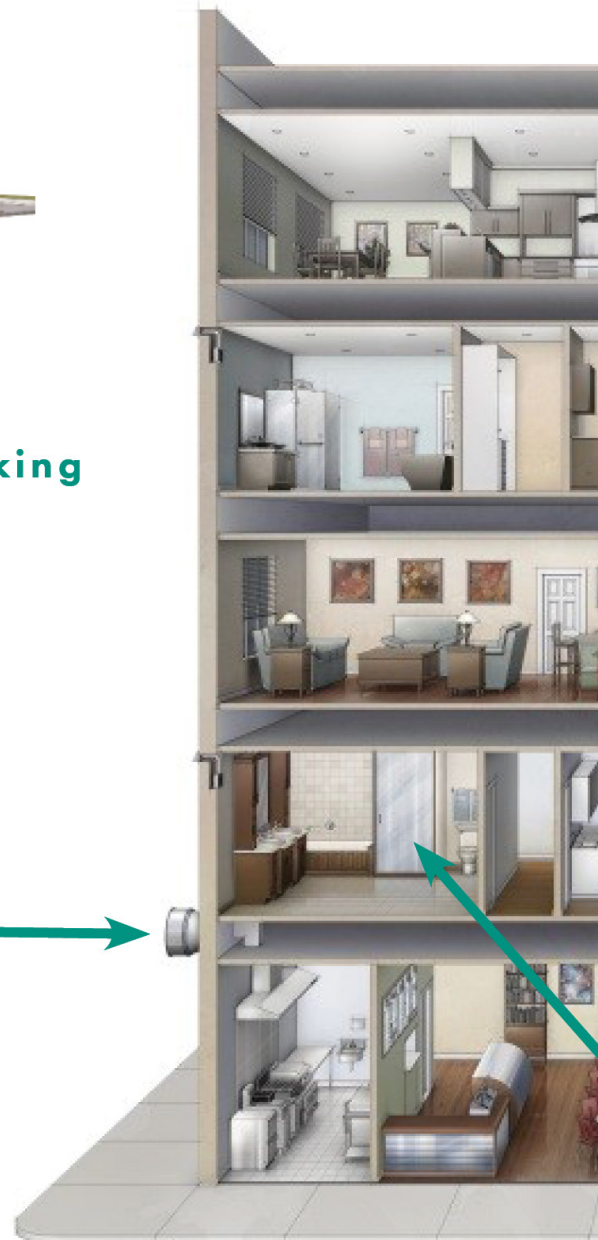
## Restaurant

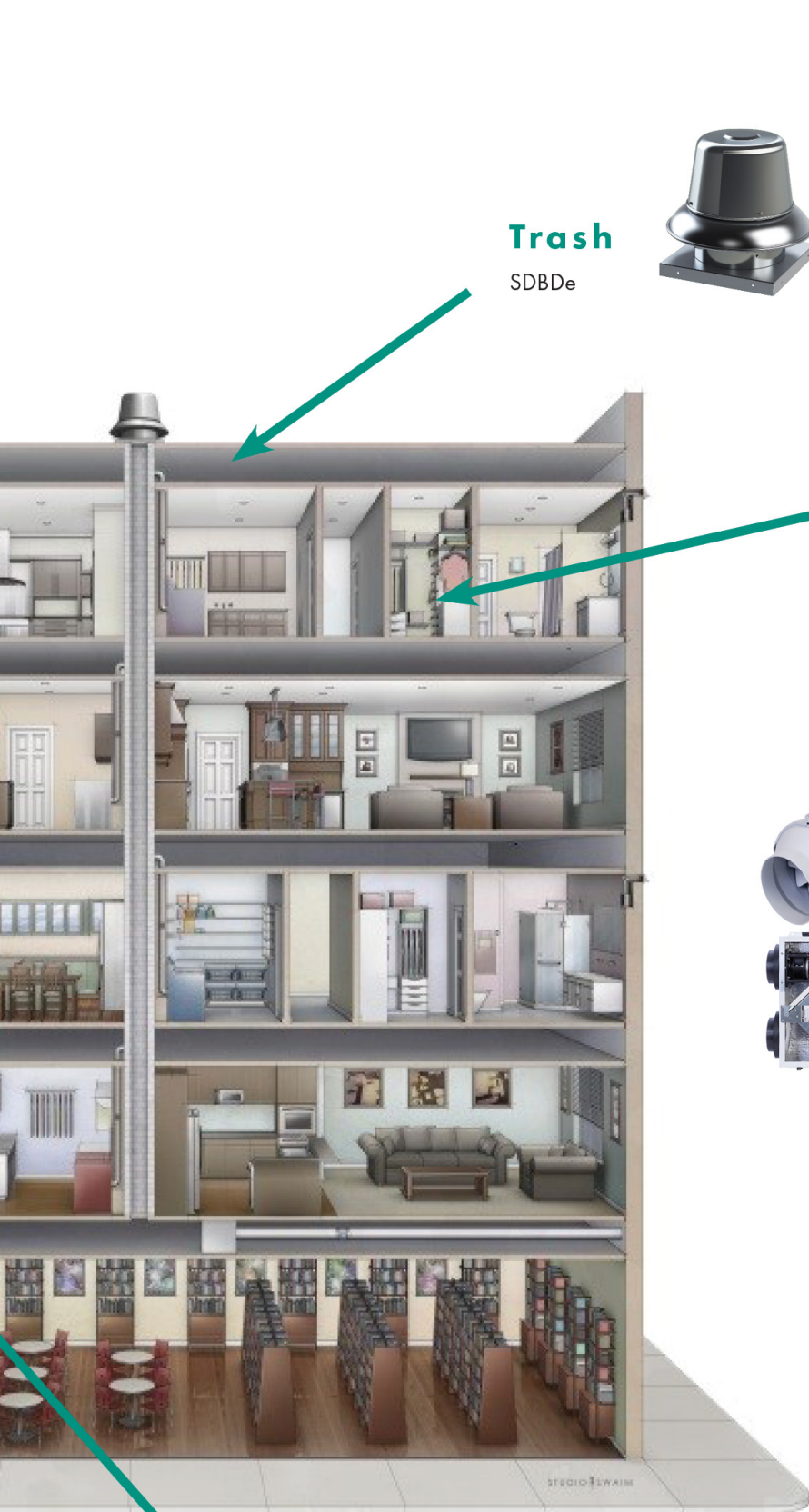
Griddle | Stovetop | Fryer  
STXBRHUL



Dishwasher Exhaust

STXB or STXD/STXDe





**Trash**  
SDBDe



**Dryer Exhaust**  
PV-DEDPV



**Outside Air Solution**

MDX-ES24VK or TD or reFresh or TR



**Restroom**  
PC Series





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