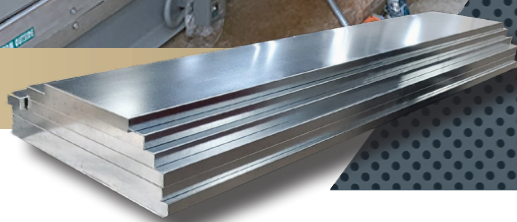




**BEFORE**



**AFTER**



## PANEL SOLUTIONS APPLICATIONS: FOR FIELD ASSEMBLED UNITS

### CHALLENGE: SHELL CONDITION

Air handling or energy recovery unit shell is rusting, leaking air, and in overall bad repair.

### SOLUTION: NEW ENCLOSURE

Dual wall, modular panel enclosures can easily be erected on site to replace aged enclosures.

### CHALLENGE: SPACE CONSTRAINTS

An air handling or energy recovery unit is needed by the facility, but it is extremely difficult to bring in a full unit due to door frame and elevator spatial constraints.

### SOLUTION: FLAT PACK

Spatial constraints will no longer be an issue with FläktGroup® SEMCO® panels. Panels will be custom engineered and sized with spatial constraints taken into consideration. Pallets will be loaded and sized to fit through the facility's smallest door frame or elevator.

### CHALLENGE: CRANE USAGE

An air handling or energy recovery unit is needed, but the facility does not own a crane or does not want to incur the cost of renting one.

### SOLUTION: COMPACT PACKAGING

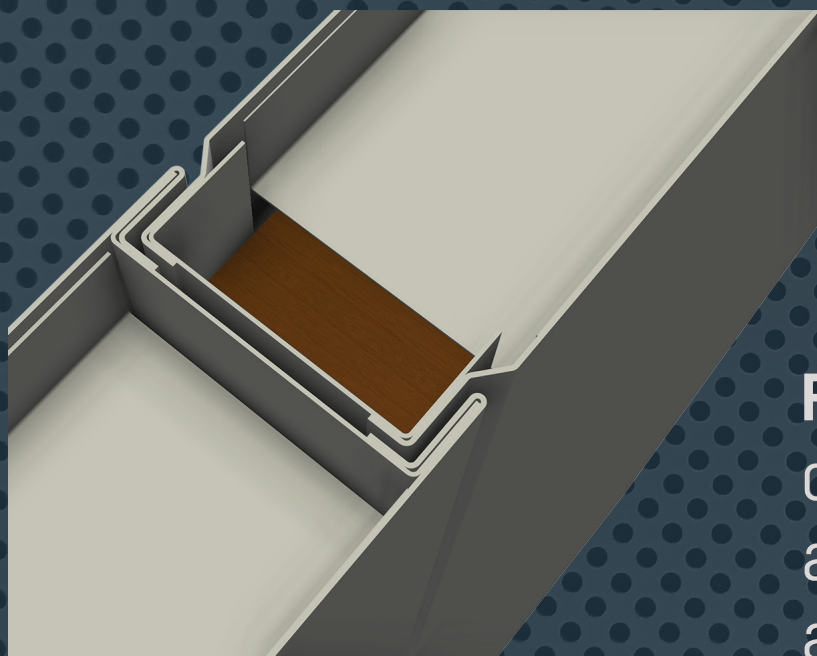
Panels structures can easily be erected on site by the installation team, without the use of a crane.

### CHALLENGE: WEATHER PROTECTION

The enclosure cannot withstand harsh weather conditions.

### SOLUTION: MATERIALS & FINISHES

FläktGroup SEMCO offers panels in several materials, such as galvanized, stainless steel, and aluminum and finishes such as; mill, powder coated, and field painted to meet customer's needs and increase product longevity.



FläktGroup® SEMCO® panels feature tongue-and-groove joints with custom insulation.



NOISE  
DAMPENING



FAST  
INSTALLATION



CUSTOM  
PANEL DESIGN

**Fast, superior quality,  
custom engineered field  
assembled structures  
at a lower cost.**

### CHALLENGE: SHUTDOWN

A new air handling or energy recovery system, but the facility cannot afford a long shutdown for installation.

### SOLUTION: EFFICIENT ASSEMBLY

Units can be built quickly and with little downtime using panels and a FläktGroup SEMCO provided field supervisor and installation crew.

### CHALLENGE: LEAD TIME

Pre-assembled units will not arrive on time to fit tight schedules and avoid prolonged downtime.

### SOLUTION: SPEEDY FABRICATION

FläktGroup SEMCO has the shortest lead time in the industry. Once drawings are approved, panels will arrive on site in roughly three weeks.

### CHALLENGE: PANEL PERFORMANCE

The new enclosure will not have the proper thermal and acoustical properties.

### SOLUTION: EXCEEDS STANDARD CONSTRUCTION

As a result of superior construction, insulated panel joints, and pre-hung doors, FläktGroup SEMCO's panels acoustically outperform all other commercially available modular panel systems.



For more information on FläktGroup® SEMCO® Panel Solutions, or to find your local sales representative visit [www.semcohvac.com](http://www.semcohvac.com).

**EXCELLENCE IN SOLUTIONS**

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HEALTHY  
AIR SOLUTIONS

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