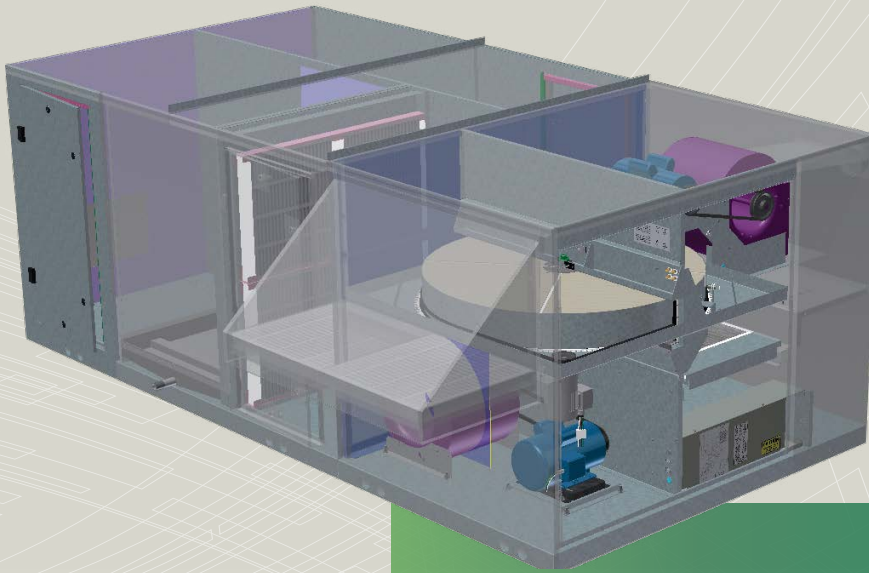


INDOOR AIR QUALITY

ENERGY SAVINGS



FV COIL MODULE

COIL MODULE FEATURES

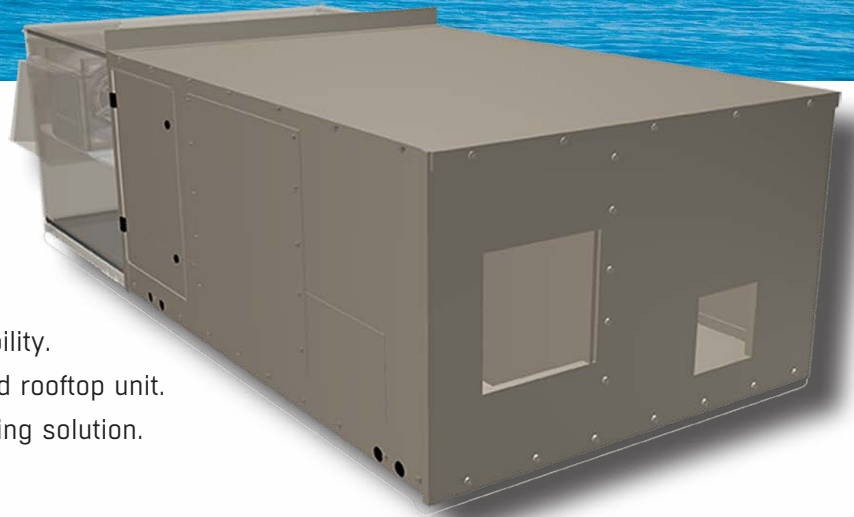
- Indoor and outdoor installation configurations.
- Horizontal & down flow configurations.
- Multiple heating and cooling options.
- Numerous coil materials available.
- Galvanized steel cabinet, with optional enamel finish.
- Unit is constructed to ensure a watertight design.
- Unit is insulated to minimize energy loss.
- Filters are ASHRAE compliant.
- Easy access to all components through access doors.
- Internal piping for rooftop installations.
- Low profile design.

The SEMCO CM (Coil Module) has been specifically designed to complement and attach directly to the FV series outdoor air pre-conditioner.

This powerful combination provides an effective solution to ASHRAE Standard 62, providing an increase in the outdoor air quantity (5 to 20 cfm/person) without significantly increasing operating costs.

The CM Series offers several heating and cooling options. The cooling options include either chilled water or DX cooling coils. The heating options include hot water, electric coil, or hot gas reheat.





- Economical compliance with the ASHRAE Standard 62.
- Improves the indoor air quality of existing facilities by increasing the outdoor air quantity compared to traditional systems.
- Simple integration with single source responsibility.
- Provides performance beyond that of a standard rooftop unit.
- Low profile design offers an aesthetically pleasing solution.
- Reliable operation with minimal maintenance.

Coil Dimensions & Internal Pressure Losses

| Model# | Coil Size Dimensions | | Airflow (scfm) | Chilled Water* | | Hot Water* | 2" Filter (in. w.g.) |
|---------|----------------------|-------------|----------------|------------------|------------------|------------|----------------------|
| | Fin L (in.) | Fin H (in.) | | 6 Row (in. w.g.) | 8 Row (in. w.g.) | | |
| CM-2000 | 26.0 | 21.0 | 1000 | .14 | .19 | .03 | .01 |
| | | | 2000 | .48 | .64 | .11 | .11 |
| CM-3000 | 30.0 | 33.0 | 1500 | .10 | .14 | .02 | .01 |
| | | | 3000 | .35 | .46 | .08 | .12 |
| CM-4000 | 36.0 | 36.0 | 2000 | .11 | .14 | .02 | .02 |
| | | | 4000 | .36 | .48 | .08 | .17 |
| CM-5000 | 44.0 | 39.0 | 2500 | .10 | .13 | .02 | .06 |
| | | | 5000 | .32 | .43 | .07 | .24 |
| CM-7500 | 54.0 | 48.0 | 3750 | .10 | .13 | .02 | .01 |
| | | | 7500 | .32 | .43 | .08 | .15 |

* - Note: pressure losses based on coils with 'B' fin / 8 FPI configuration.

EXPERIENCE & EXPERTISE

With over a half-century of innovation and expertise to share with our customers, SEMCO® is a global leader in air management. With market presence in 65 countries, we are in a unique position to be a local supplier and an international partner in our customers' projects. Our constant aim is to provide systems that precisely deliver the best indoor air quality and performance, while maximizing energy efficiency.



Based on our e³ concept, we provide innovative and sustainable products to help you achieve or surpass your environmental targets while optimizing your investment and Life Cycle Cost.