

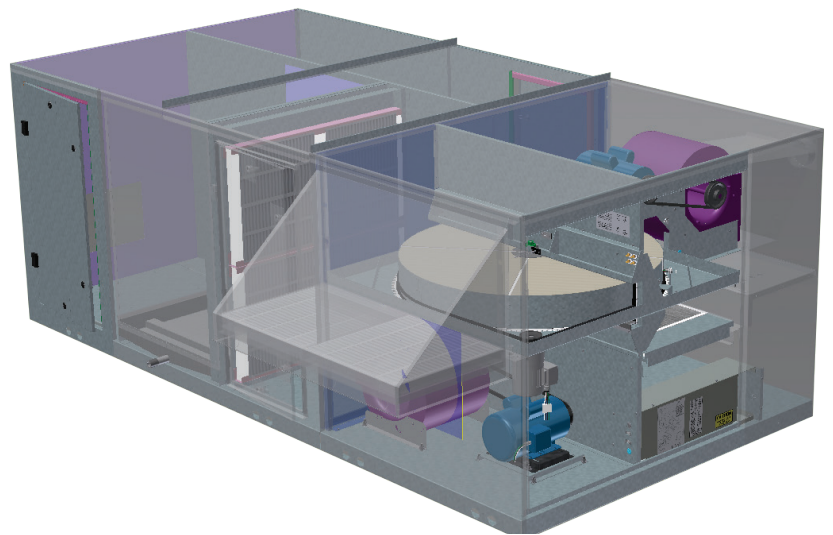
# FV COIL MODULE

## CM SERIES

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

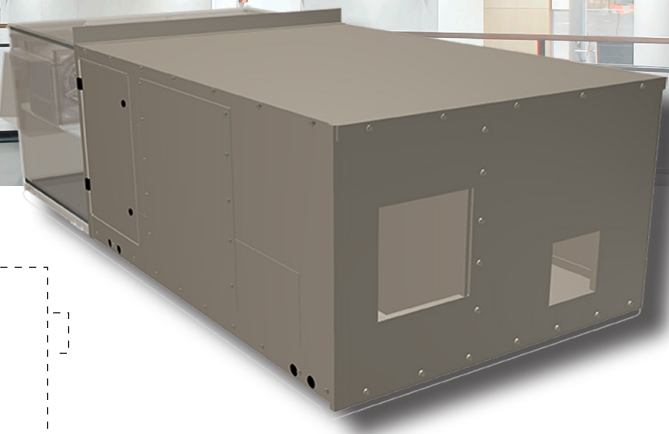
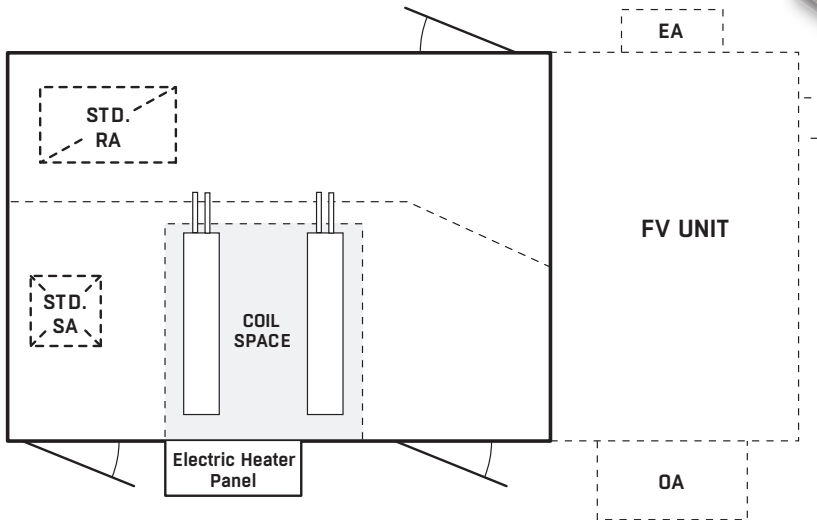
This powerful combination provides an effective solution to ASHRAE Standard 62, providing an increase in the outdoor air quantity (5 to 20 cfm/person) without significantly increasing operating costs.

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 or electric coil.



### KEY FEATURES AND BENEFITS

- Economical compliance with 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.
- 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.



## Coil Dimensions & Internal Pressure Losses

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

## EXCELLENCE IN SOLUTIONS

FläktGroup SEMCO delivers smart and energy efficient Indoor Air and Critical Air solutions to support every application area. We offer our customers innovative technologies, high quality and outstanding performance supported by more than fifty years of accumulated industry experience. The widest product range in the market, and strong market presence in 65 countries worldwide, guarantee that we are always by your side, ready to deliver Excellence in Solutions. We offer a complete line of sound attenuating products, including rectangular & round silencers, Media Free silencers, custom silencers, and acoustic enclosure panels designed to eliminate your HVAC noise problems. Whether your project requires a custom solution or an off the shelf selection, our years of HVAC experience will provide the best solutions possible.

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