

# ENERGY RECOVERY MINI SYSTEM

## Model WM\_A

700 to 11,000 CFM

3 in wg External Static Pressure

Optional Heating/Cooling



### Features/Options

- AHRI 1060 certified for performance assurance.
- Painted galvanized steel cabinet for indoor or outdoor installation.
- 6 standard duct arrangements with custom arrangements available.
- Belt drive forward curved fans w/vibration isolation.

### Cooling options:

- Split DX • Chilled water

### Heating options:

- Electric heat - SCR • Hot water
- Indirect gas furnace - modulating control

### Control options:

- Economizer controls, temperature or enthalpy
- Variable speed wheel for supply air temp control and low speed defrost
- Defrost options including preheat, exhaust only
- Variable speed fan drives
- Microprocessor controls w/BACnet, LonWorks
- CO2 sensor, smoke detector, rotation detector
- Fan current monitors, airflow gages
- Dirty filter switches, time clock, remote panel

### MERV8 filters

- Option: MERV13

### Cabinet options:

- Double wall, 1" or 2"
- Intake hood w/aluminum moisture eliminators
- Motorized dampers, low leakage & insulated
- Recirculation damper for unoccupied mode
- Roof curbs, 8" or 14" high
- Transition curbs for retrofit to old WV ventilators
- LEEDS compliant packaging

Custom sizes up to 13,000 CFM are available

### Warranty:

- Standard 5 year wheel, 1 year unit
- Optional 5 year unit

Carnes Energy Recovery Mini System provides affordable preconditioned ventilation air, flexible design and multiple supplemental heating/cooling options.

### Benefits

- Full energy recovery wheel benefits from enthalpy media with 3Å molecular sieve desiccant

Unit Size	CFM Range	DIMENSIONS LISTED IN INCHES (Millimeters)					
		Length		Height	Width	Weight Lbs. (Kg)	
		WMWA w/o Coils	Max.* w/Coils			without Coils	with Coils
WM_A03	700-2900	60 (1524)	108 (2743)	47-1/2 (1206)	44 (1118)	1300 (590)	1550 (703)
WM_A06	1740-5220	72 (1829)	120 (3048)	57-1/2 (1460)	54 (1372)	1600 (726)	1860 (844)
WM_A09	2800-7500	80 (2032)	128 (3251)	69-1/2 (1765)	66 (1676)	2100 (953)	2700 (1225)
WM_A14	4300-11000	102 (2591)	150 (3810)	83-1/2 (2121)	80 (2032)	3300 (1497)	4180 (1896)

\*Gas furnace adds additional length and weight.



**Gas Furnaces now available!**