



LESS INDOOR AIR POLLUTION  
LESS STRESS  
MORE PRODUCTIVITY IN THE AIR

## Advanced Commercial Series

Heat & energy recovery ventilators

COMMERCIAL VENTILATION SOLUTIONS



# Advanced Commercial Series

## Reading the Model Code

Example C H 2000 i

### SERIES

Advanced Commercial (C)

### APPLICATION

Interior Unit (i)  
Exterior Unit (e)

### RECOVERY TYPE

Sensible Only - Plate (H)  
Sensible & Latent - Plate (E)  
Sensible & Latent - Wheel (W)

### NOMINAL CAPACITY\*

1000-2500 CFM (2000)  
2000-3500 CFM (3000)  
3500-5500 CFM (5000)  
5500-7000 CFM (6500)  
7000-8500 CFM (8000)  
8500-10500 CFM (10000)

\*Wheel capacities vary slightly.  
Please see spec sheets for CFM ranges.

## Interior Model



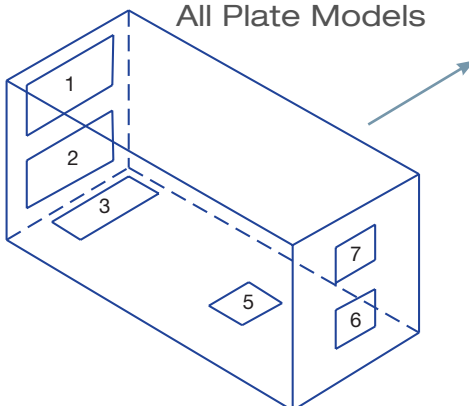
## Exterior Model



MODELS		
CH2000i/e	CE2000i/e	CW2000i/e
CH3000i/e	CE3000i/e	CW3000i/e
CH5000i/e	CE5000i/e	CW5000i/e
CH6500i/e	CE6500i/e	CW6500i/e
CH8000i/e	CE8000i/e	CW8000i/e
CH10000i/e	CE10000i/e	CW10000i/e

## Duct Configurations

### All Plate Models



#### AVAILABLE DUCT CONFIGURATIONS\*

1 - 2 - 6 - 7  
1 - 3 - 5 - 7  
1 - 3 - 6 - 7  
1 - 2 - 5 - 7

#### DUCT CONNECTION KEY

1	OUTDOOR AIR
2, 3	RETURN AIR
5, 6	SUPPLY AIR
7	EXHAUST AIR

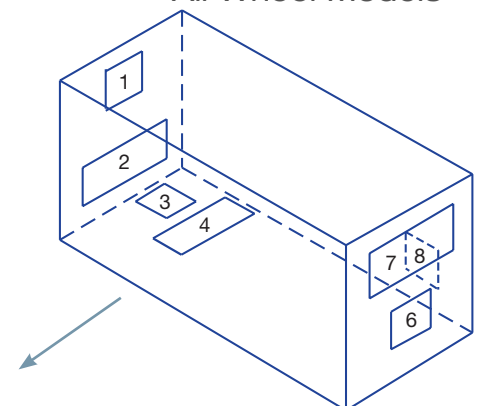
#### AVAILABLE DUCT CONFIGURATIONS\*

3 - 4 - 7 - 8	1 - 4 - 7 - 8
3 - 4 - 6 - 7**	1 - 4 - 6 - 7**
1 - 2 - 7 - 8	2 - 3 - 7 - 8
1 - 2 - 6 - 7**	2 - 3 - 6 - 7**

#### DUCT CONNECTION KEY

1, 3	SUPPLY AIR
2, 4	RETURN AIR
6, 8	EXHAUST AIR
7	OUTSIDE AIR

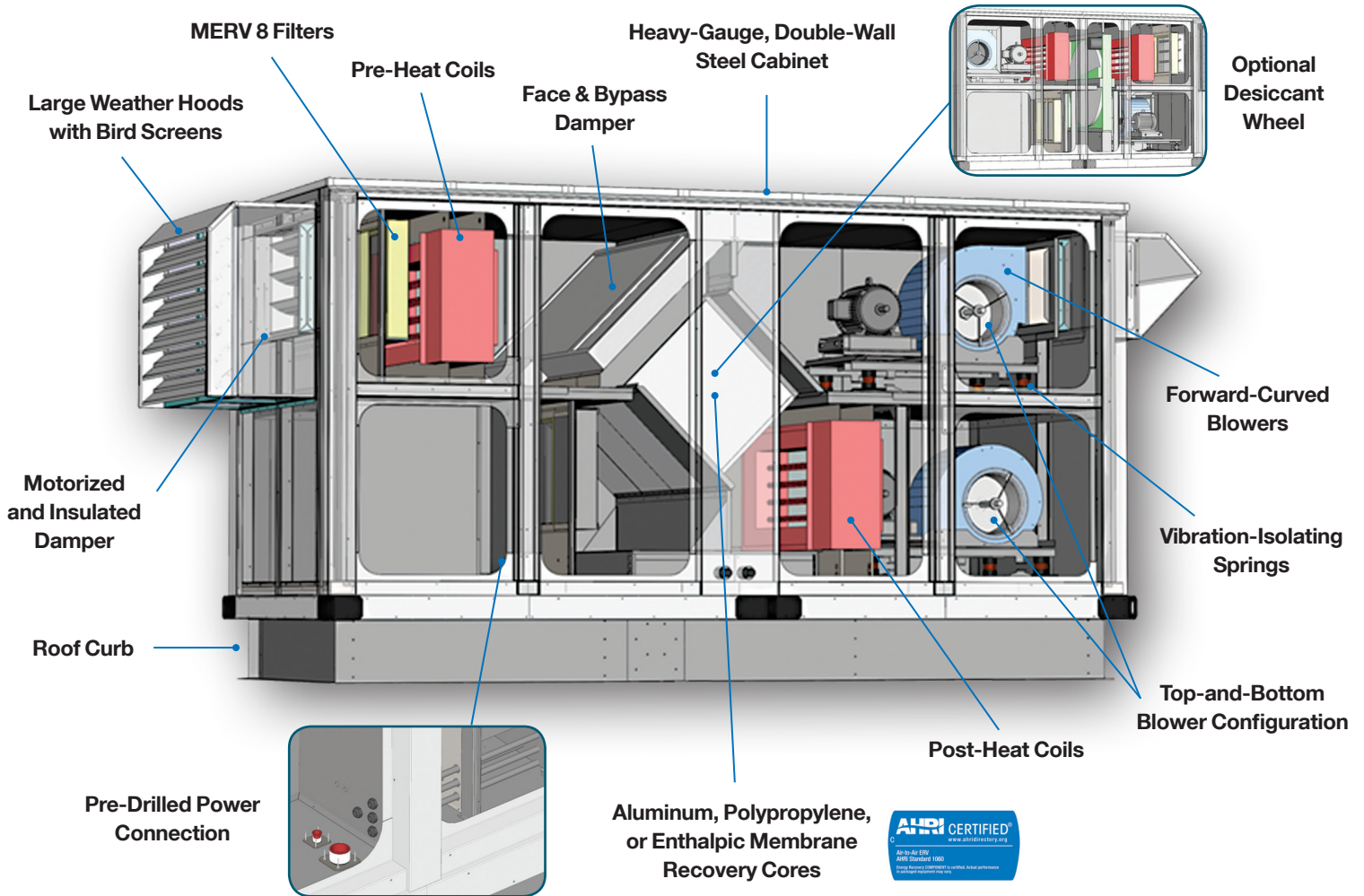
### All Wheel Models



\* Mirror image cabinet also available

\*\*Configuration not available for exterior models

# Key Features



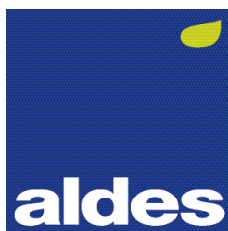
## Additional Features

- Automotive-Quality Door Seal
- Single-Point Power Connection
- No-Screw-Through Design
- Thermal Bridging Breaks
- Insulation Value of R-10
- Conduit-Sleeved Cable Protection
- Multiple Duct Configurations
- EPAct or Premium Efficiency Motors
- Adjustable Speed Motors
- Pre-Wired Control Panel with Separated High and Low Voltages
- Front or Back Piping Connections
- Baked Enamel Exterior Finish
- Non-Fused Disconnect
- ETL Listed

## Optional Features

- "Pool Construction Package" (stainless steel interior, epoxy-coated blowers, totally enclosed motors)
- Heavy-Gauge Steel Roof Curb (optional insulation)
- Fan Exhaust Defrost, Recirculation, Pre-Heat Coils (Electric or Hot Water), Face and Bypass Damper, and Wheel Speed VFD\*
- Electric or Hot Water Post-Heat Coils
- Cold Water or DX Cooling Coils
- MERV 13 Final Filters
- Backward-Inclined Blowers
- Mirror Image Cabinet
- Motorized and Insulated Dampers for Exhaust and Outdoor Air Openings
- Fused Disconnect
- Non-Insulated Backdraft Damper
- Mechanical Purge\*
- Low Temperature Limit
- Economizer Cycle
- Dirty Filters Contact
- Low Airflow Switch
- Phase Loss Detection
- Wheel Rotation Detection\*
- Damper End Switch
- Programmable Timer
- CO<sub>2</sub> and/or Relative Humidity Sensor
- BACnet Compatible Controller (IP or MS/TP communications protocol)
- Remote Keypad (optional touchscreen)

\* Wheel models only



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