



on-the-**SPOT**

# Commercial Heat Recovery Ventilator



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## Introducing On-The-Spot Heat Recovery Ventilators

Heat Recovery Ventilators (HRVs) replace exhaust air with fresh intake air. HRVs are a very effective way to improve indoor air quality, protecting occupants from airborne pathogens (SARS/COVID19) and other contaminants, while conserving energy and maintaining overall comfort.

On-The-Spot provides fresh, filtered air to occupied spaces efficiently and effectively by recovering energy from spent room air through our exclusive heat recovery core. This tempers the outdoor air being distributed to the occupied space, providing vastly improved air quality.

Indoor air quality is critical to the health and well-being of all individuals, especially those with chronic diseases and compromised immune systems.

### Features and Benefits

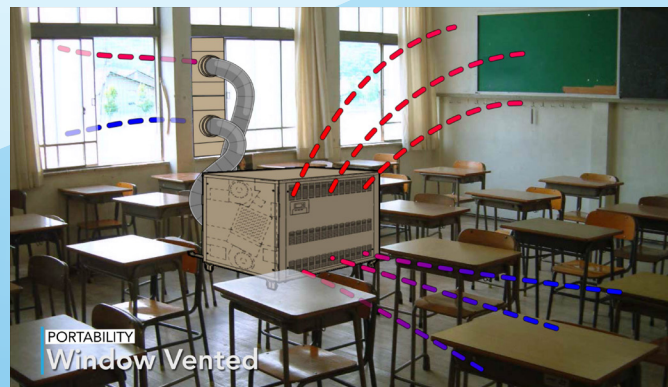
- High Capacity
- Commercial Grade
- Portable
- Designed for High Occupancy Spaces
  - Classrooms
  - Restaurants
  - Conference Rooms
  - Waiting Areas
- Installs easily in existing rooms
- 400 - 700 nominal CFM
- 5-7 Additional fresh air changes per hour
- Compare to typical spaces with only 0.5 - 2.5 fresh air changes per hour
- Optional filters from MERV 13 to HEPA ratings
- Optional Electric Heat



*Efficiently bring more fresh air into any room while exhausting spent air outside.*

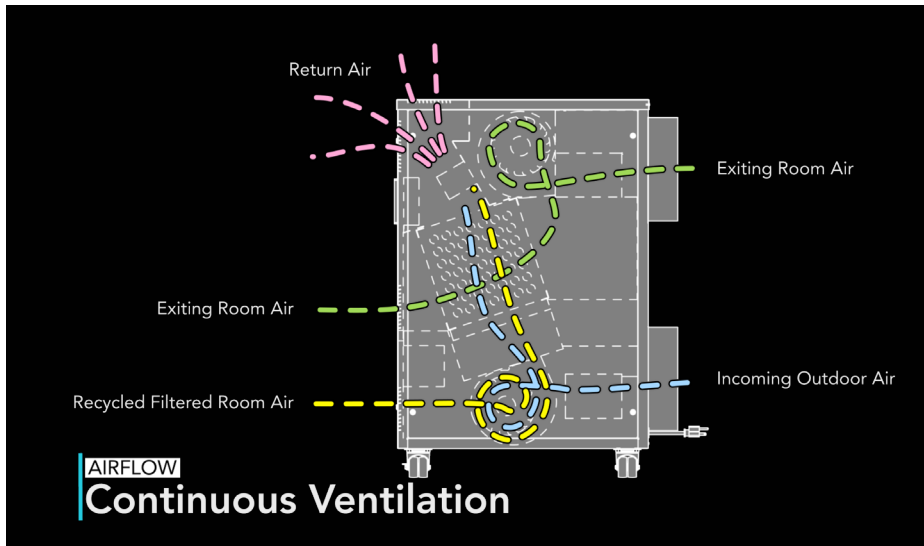


*Easy to install with most window types*



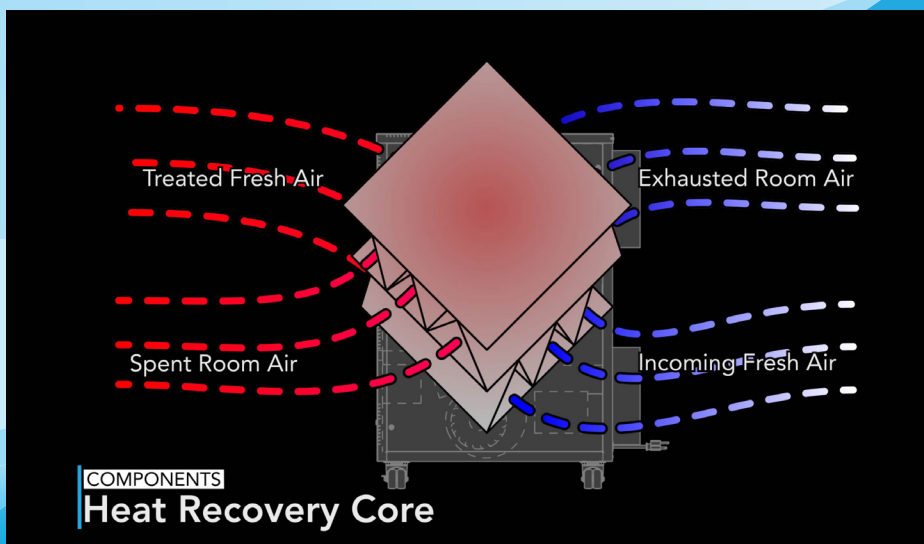
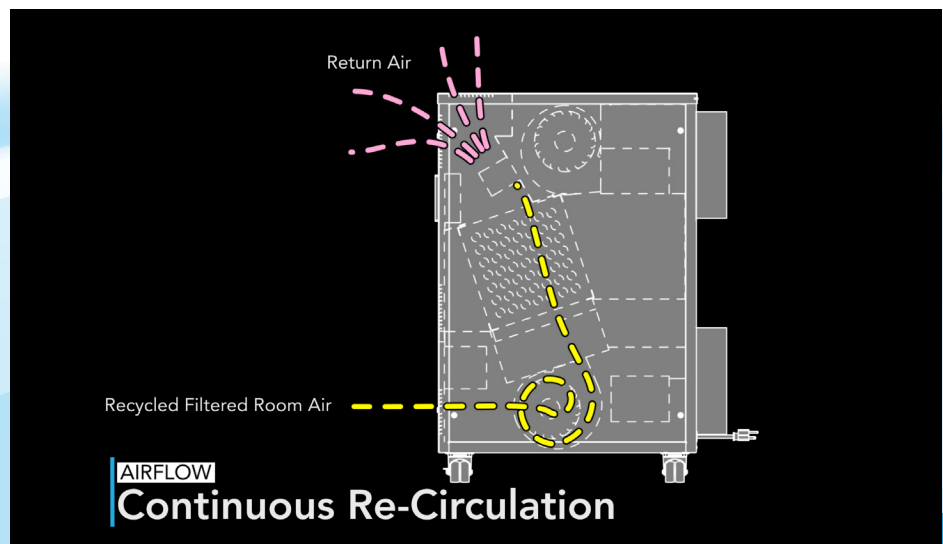


## Two Modes of Operation

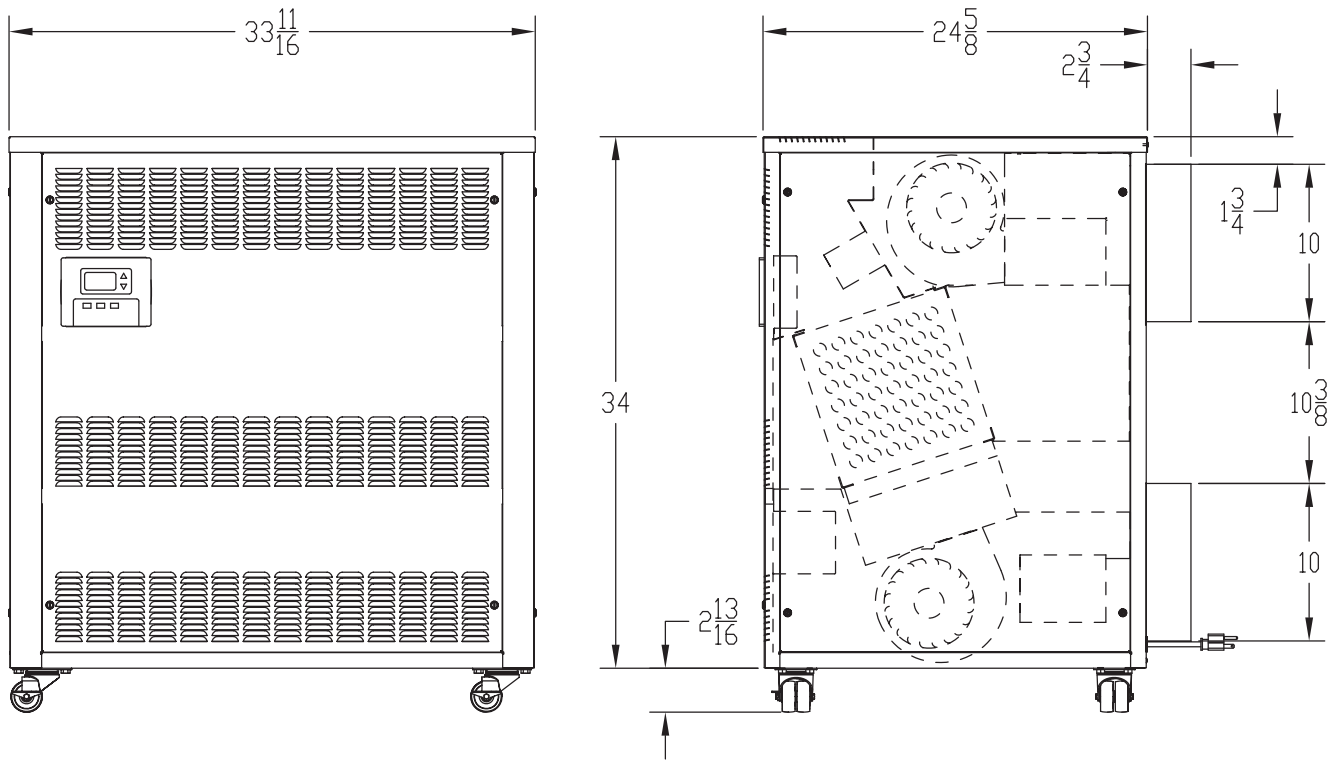


Continuous Ventilation for constant fresh outdoor air.

Continuous Re-Circulation for unoccupied periods, or when outdoor conditions may require (e.g.: high humidity, extreme temperatures).



The efficient aluminum Heat Recovery Core allows airflow exchange with minimal indoor air temperature change.



## Performance Data

RECOMMENDED MINIMUM OUTDOOR AIR REQUIREMENTS*						
Room Type	Minimum Outdoor Air Per Occupant (CFM)	Minimum Outdoor Air Per Occupant (CFH)	Occupant Density (People/Sq Ft)	Occupant Density (People/Cubic Ft)	Minimum Outdoor Air (CFH x Sq Ft)	Outdoor Air Changes Per Hour
Classroom	17.0	1020	0.025	0.25	25.5	2.6
Office	15.0	900	0.005	0.05	4.5	0.5
Lecture Classroom	8.5	510	0.150	1.50	76.5	7.7
Retail Sales	16.0	960	0.015	0.15	14.4	1.4
Auditorium	5.4	324	0.150	1.50	48.6	4.9

\*ANSI/ASHRAE Std 62.1-2013

ON-THE-SPOT OUTDOOR AIR CHANGES PER HOUR*			
Room Floor Area (Square Feet)	High Fan	Medium Fan	Low Fan
	700 CFM Outdoor Air	565 CFM Outdoor Air	475 CFM Outdoor Air
900	4.7	3.8	3.2
800	5.3	4.2	3.6
700	6.0	4.8	4.1
600	7.0	5.7	4.8

\*Based on 10 ft ceiling height



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