

RecircAIR Series Recirculation Units



Advantages of RecircAIR

- Capacities of 1000 and 2000 CFM
- Welded stainless steel frame structure
- 16 gauge 304 stainless steel exterior casing
- Hinged access doors to fan and filter sections
- Fan(s) with aluminum backward inclined wheels
- Pre-filters:
 - 2" - MERV 8
 - 6" - MERV 14
- Activated carbon modules
- Post-filters:
 - 2" - MERV 8
 - 6" - MERV 14
- Low filter velocities - 250 fpm
- Local pressure gauges for each filter section
- ECM motor for adjustable fan capacity
- Single point 240V/1Ph/60Hz power

PRODUCT INFORMATION

AdsorbAIR pressurization units are designed to maintain a G1 reactivity level within corrosive rooms, as defined by ANSI/ISA Standard S71.04-2013. In addition to AdsorbAIR, RecircAIR recirculation units are recommended for spaces that have high traffic levels, very dusty environments, or are critical to overall plant operation. The addition of recirculation allows reduced recovery times for increased contaminant levels due to entry into the pressurized space. The activated carbon media oxidizes airborne contaminants, breaking them down to harmless components.

Advance Industrial Refrigeration provides full mechanical turnkey solutions for corrosion control within electrical room environments, including air conditioners, pressurization units, corrosion monitoring, installation and maintenance.

Performance

For other design conditions, capacities or requirements please contact engineering at info@air-eng.com

RecircAIR Models		
Model	RCR-100	RCR-200
Air Flow (CFM)	1,000	2,000
Casing Width (in.)	30"	58"
Casing Depth (in.)	28"	28"
Casing Height (in.)	90"	90"
# of Fans	1	2
Fan RPM	2520	2520
Fan BHP	0.77	0.77 (per fan)
Pre-Filters	(1) - 24x24x2 (MERV 8) (1) - 24x24x6 (MERV 14)	(2) - 24x24x2 (MERV 8) (2) - 24x24x6 (MERV 14)
# of Carbon Modules	4	8
Post-Filters	(1) - 24x24x2 (MERV 8) (1) - 24x24x6 (MERV 14)	(2) - 24x24x2 (MERV 8) (2) - 24x24x6 (MERV 14)
Power Requirement	1.6 amps @ 240v/1ph/60hz	3.2 amps @ 240v/1ph/60hz

Advance Industrial Refrigeration Inc. reserves the right to make changes in designs, features and options without notice or obligation.

