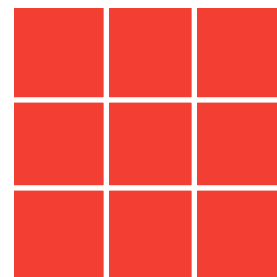


Custom Energy Recovery Package

Exterior or Interior Applications

1200 to 80 000 CFM



CRP
series



***“Complex Projects
Require Professional Solutions”***

Annexair's CRP series is a custom-built, packaged energy recovery unit designed specifically for you. Tailored to the exact requirements of your project, our engineering staff will custom design a packaged system to meet your precise specifications. The result of this type of collaboration is a superior HVAC system that is cost-effective to operate and reliable in both concept and construction. The CRP series also offers flexibility in configuration by employing a wide variety of air-to-air energy recovery technologies, anything from enthalpy wheels and sensible wheels to heat pipes and wrap-around heat pipes. Furthermore, almost every aspect of the unit's design can be specified to meet the special requirements of your project. You can decide on the unit wall thicknesses, fan and motor selections, cooling and heating components, dehumidification options, dimensional requirements, even the color. Annexair can design indoor or outdoor units ranging in size from 1200 to 80,000 CFM and can ship them as a single package or in split modules. The CRP series offers the most economical way to meet today's challenging indoor air quality standards while reducing energy consumption through continuous heat recovery all year round.

Construction Features

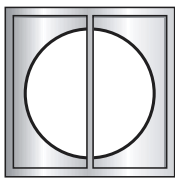
- Fully welded aluminum structural frame on all units
- Durable exterior painted finish for outdoor units
- Double wall construction with 2" or 4" insulation and closed cell neoprene gasketing around the entire periphery, and 1/4-inch gasketed fasteners for an air-tight housing. All panels are completely removable without affecting the structural integrity of the unit
- Any popular insulation of your choice
- Fully welded galvanized steel base and cross beam supports with walk-on interior surfaces of galvanized steel, aluminum or checker plate.
- Internally spring isolated structural steel fan bases with housed airfoil, plenum or forward curved impellers (up to Class III construction)
- Indoor or outdoor curb-mounted construction with sloped roof
- Large access doors, hinged and latched
- All types of heating and cooling coils (ARI Certified)
- All type of filters
- All type of dampers
- IAQ stainless steel drain pan
- Single point power connection with UL and/or CSA listed components

Unit Options

- Each unit is custom-designed to fit your application with fans picked at the highest possible efficiency
- Available in any size and configuration
- Available in all standard voltages
- A variety of frost control strategies (if required)
- Perforated inner liner for sound attenuation
- Internal pipe chase or vestibule
- Internal lighting with 115 V receptacle
- VFD's for VAV applications
- Roof curbs for outdoor units
- Factory mounted air-cooled condensing section for outdoor units
- Special vendor items, such as humidifiers, blenders, IFB coils or VFDs can be incorporated into the unit and factory mounted
- Unit can be design with or without controls depending on your application

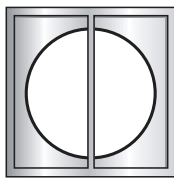
Technologies Available

Enthalpy Wheel



- High efficiency recovery
- Desiccant surface for total energy transfer
- Maintenance free drive motor and integral bearing
- Ultra-high molecular weight low-leak full contact seals
- Tamper-proof double purge sector to reduce carry over to 0.1%

Sensible Wheel



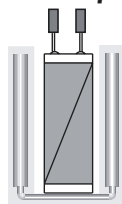
- High efficiency recovery
- Untreated corrugated aluminum substrate for sensible energy transfer only
- Maintenance free drive motor and integral bearing
- Ultra-high molecular weight low-leak full contact seals
- Tamper-proof double purge sector to reduce carry over to 0.1%

Heat Pipe



- Medium efficiency recovery
- Sensible energy transfer only
- Independently sealed, integrally finned aluminum tubes
- 1" internal diameter tubes for maximum performance
- No potential for carry over on critical applications

Wrap Around Heat Pipe



- Enhances the dehumidification capability of cooling coils
- Reduces cooling capacities up to 30%
- Ideal for hot and humid climates
- Independently sealed, integrally finned aluminum tubes
- 1" internal diameter tubes for maximum performance