

Rotary Heat Wheel Unit



Manufactured
by Armcor



Rotary Heat Wheel Unit Overview

The REM series is the ultimate in High-Efficiency Heat Recovery utilizing a rotary heat exchanger to recover the energy from the exhaust air and transfer it to the incoming fresh air. With efficiencies, up to 90%, this unit configuration suits external rooftop or plant room applications and includes energy-saving EC Plug Fans, in-built bag filters and an option of enthalpy or sensible rotary heat wheels. With the low resistance through the Heat Wheel, economy bypass can be affected by stopping the rotary heat wheel.

Nominal capacity available from 300 l/sec to 8,000 l/sec, to suit any application where large volumes of fresh air are required such as:

- Commercial Venues, Sporting Complexes and Gymnasiums
- Public Utility buildings, Police, Ambulance, Nursing Homes
- Education Facilities

Options include:

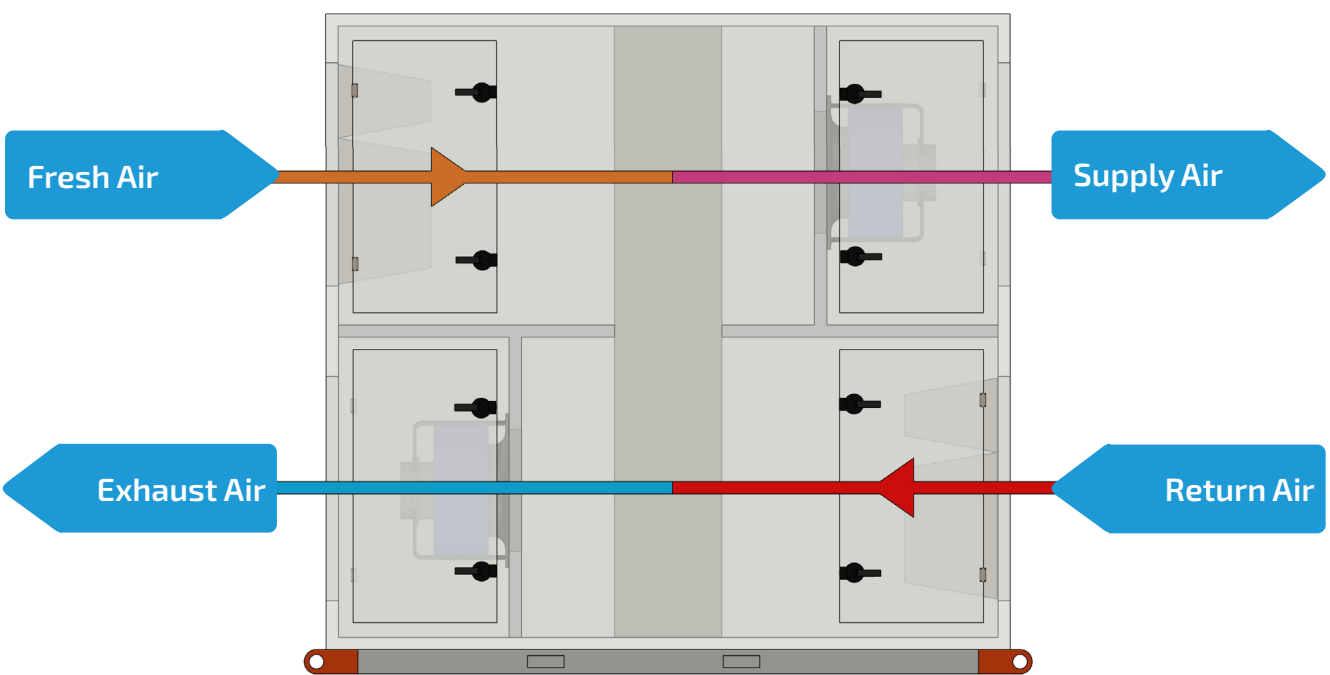
- Enthalpy or Sensible Media
- Hot and Chilled Water Coils
- Economy Cycle
- Various Control Options



Performance Data

Model Number	Nominal Capacity (l/sec)	Energy Recovered (Cooling) kW*	Energy Recovered (Heating) kW*	Dimensions (mm) L x W x H
REM500	500	7.4	12.4	1800 x 1100 x 1200
REM900	900	13.6	23.0	2300 x 1400 x 1700
REM1200	1200	18.4	31.0	2300 x 1700 x 1700
REM1700	1700	26.0	43.8	2800 x 1900 x 2000
REM2000	2000	26.0	43.8	2800 x 1900 x 2000
REM2500	2500	38.9	65.5	2800 x 2200 x 2200
REM3500	3500	53.6	90.0	2800 x 2400 x 2500
REM4000	4000	68.7	115.3	2800 x 2700 x 2700
REM5000	5000	77.3	130.1	2800 x 2900 x 3000
REM6000	6000	107.3	180.0	2800 x 4600 x 2500
REM7000	7000	107.3	180.0	2800 x 4600 x 2500
REM8000	8000	137.3	230.7	2800 x 5200 x 2700

* Rated at Standard Conditions of Summer 38°db/40%RH. Winter 3°db/68%RH. Subject to change.





Fresh Air Indoors

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