



XEM External Mount Unit
XEM400 – XEM9000

ERV-Energy Recovery External Mount Unit



Photo by Robert E. Yeoman/Unsplash

External Mount Unit Overview

The XEM series is our standard heat recovery ERV solution for rooftop, ground level or plant room applications. With the energy efficiency and flexibility of EC Plug Fans, these ERV units utilize the Xchange plate heat exchanger to recover the energy from the exhaust air and transfer it to the incoming fresh air, resulting in significant energy savings. Both enthalpy and sensible heat exchange media are available. The XEM Series is particularly suited to an optional economy bypass system.

Standard capacities are from 400 l/sec to 9,000 l/sec and equipment can be specifically designed for larger applications up to 18,000 l/sec. Units are readily available to suit applications such as:

- Commercial Public Activity Venues, Sporting Complexes and Gymnasiums
- Public Utility Buildings, Police, Ambulance Stations
- Nursing Homes, Child Care, Education
- Large Occupancy Buildings and Retail Showrooms
- Professional Suites

Options include:

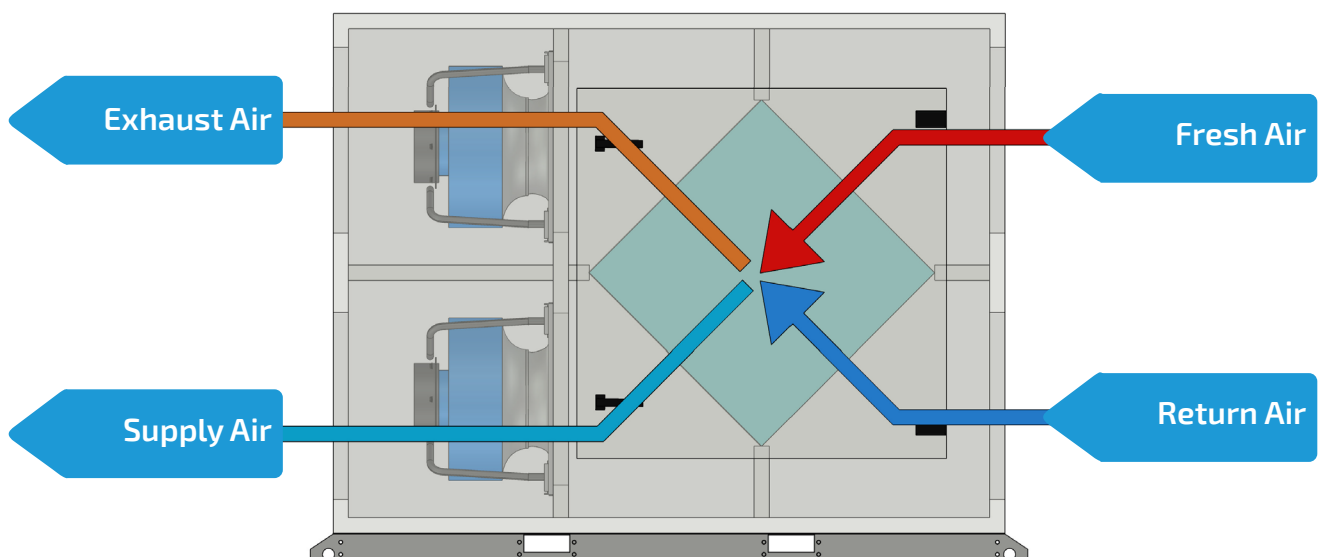
- Enthalpy or Sensible Media
- Hot and Chilled Water Coils (XEC series)
- Economy Cycle
- Various Control Options



Performance Data

Model Number	Nominal Capacity (l/sec)	Energy Recovered (Cooling) Kw*	Energy Recovered (Heating) Kw*	Dimensions (mm) H x W x L
XEM400	300 – 400	5.8	6.6	1500 x 500 x 1800
XEM800	600 – 800	11.6	13.2	1500 x 900 x 1800
XEM1200	900 – 1200	17.4	19.8	1500 x 1300 x 1800
XEM1500	1300 – 1500	22.7	26.3	1800 x 1100 x 2200
XEM1800	1600 – 1800	27.3	31.6	1800 x 1300 x 2200
XEM2400	1900 – 2400	36.4	42.2	1800 x 1700 x 2200
XEM3000	2500 – 3000	45.5	52.5	1800 x 2100 x 2200
XEM3600	3100 – 3600	55.0	63.3	1800 x 2500 x 2200
XEM4200	3700 – 4200	64.1	73.9	1800 x 2900 x 2200
XEM4800	4300 – 4800	73.3	84.4	1800 x 3300 x 2200
XEM5400	4900 – 5400	82.5	95.0	1800 x 3700 x 2200
XEM6000	5500 – 6000	91.7	105.6	1800 x 4100 x 2200
XEM7500	6500 – 7500	116.9	152.1	1900 x 4100 x 2400
XEM9000	8000 – 9000	146.8	192.2	2100 x 4100 x 2700

* Rated at Standard Conditions of Summer 35°db/40%RH. Winter 3°db/70%RH. Subject to change.





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