



XEM External Mount Unit
XEM400 – XEM9000

ERV-Energy Recovery External Mount Unit



Photo by Robert Eyle on 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 cycle system.

Standard capacities range 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:

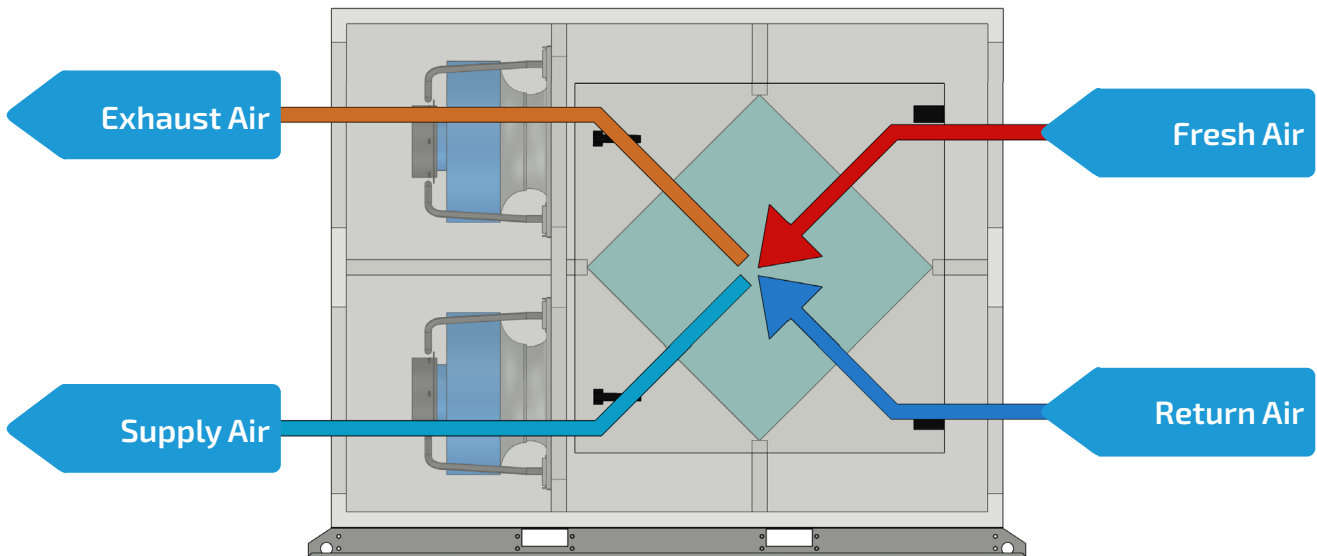
- Enthalpy or Sensible Media
- Hot and Chilled Water Coils (XEC series)
- Economy Cycle
- Various Control Options



Performance Data

Model Number	Nominal Capacity (l/sec)	Energy Recovered (Summer) kW*	Energy Recovered (Winter) kW*	Dimensions (mm) L x W x H
XEM400P1S XEM400P1E	400	3.4 6.3	5.5 7.6	1800 x 510 x 1500
XEM800P3S XEM800P3E	800	6.8 12.7	10.9 15.2	1800 x 900 x 1500
XEM1200P3S XEM1200P3E	1200	10.1 19.0	16.4 22.8	1800 x 1300 x 1500
XEM1500P3S XEM1500P3E	1500	13.1 23.6	21.2 28.4	2200 x 1100 x 1800
XEM1800P3S XEM1800P3E	1800	15.7 28.6	25.5 34.3	2200 x 1300 x 1800
XEM2400P3S XEM2400P3E	2400	21.0 38.1	34.0 45.7	2200 x 1700 x 1800
XEM3000P3S XEM3000P3E	3000	26.2 47.6	42.5 57.2	2200 x 2100 x 1800
XEM3600P3S XEM3600P3E	3600	31.5 57.2	50.9 68.6	2200 x 2500 x 1800
XEM4200P3S XEM4200P3E	4200	36.7 66.7	59.4 80.0	2200 x 2900 x 1800
XEM4800P3S XEM4800P3E	4800	42.0 76.2	67.9 91.5	2200 x 3300 x 1800
XEM5400P3S XEM5400P3E	5400	47.2 85.7	76.4 102.9	2200 x 3800 x 1800
XEM6000P3S XEM6000P3E	6000	52.5 95.3	84.9 114.3	2200 x 4100 x 1800
XEM7500P3S XEM7500P3E	7500	75.8 121.3	122.7 145.5	2400 x 4100 x 1900
XEM9000P3S XEM9000P3E	9000	81.8 147.9	132.5 177.5	2700 x 4100 x 2100

* Rated at Standard Conditions of Summer 35°db/40%RH. Winter 3°db/80%RH. Subject to change.





Fresh Air Indoors

For more information

W: armcor.com.au

E: sales@armcor.com.au

P: (03) 8301 9200

109–111 Northcorp Blvd
Broadmeadows Vic 3047

armcor
air solutions