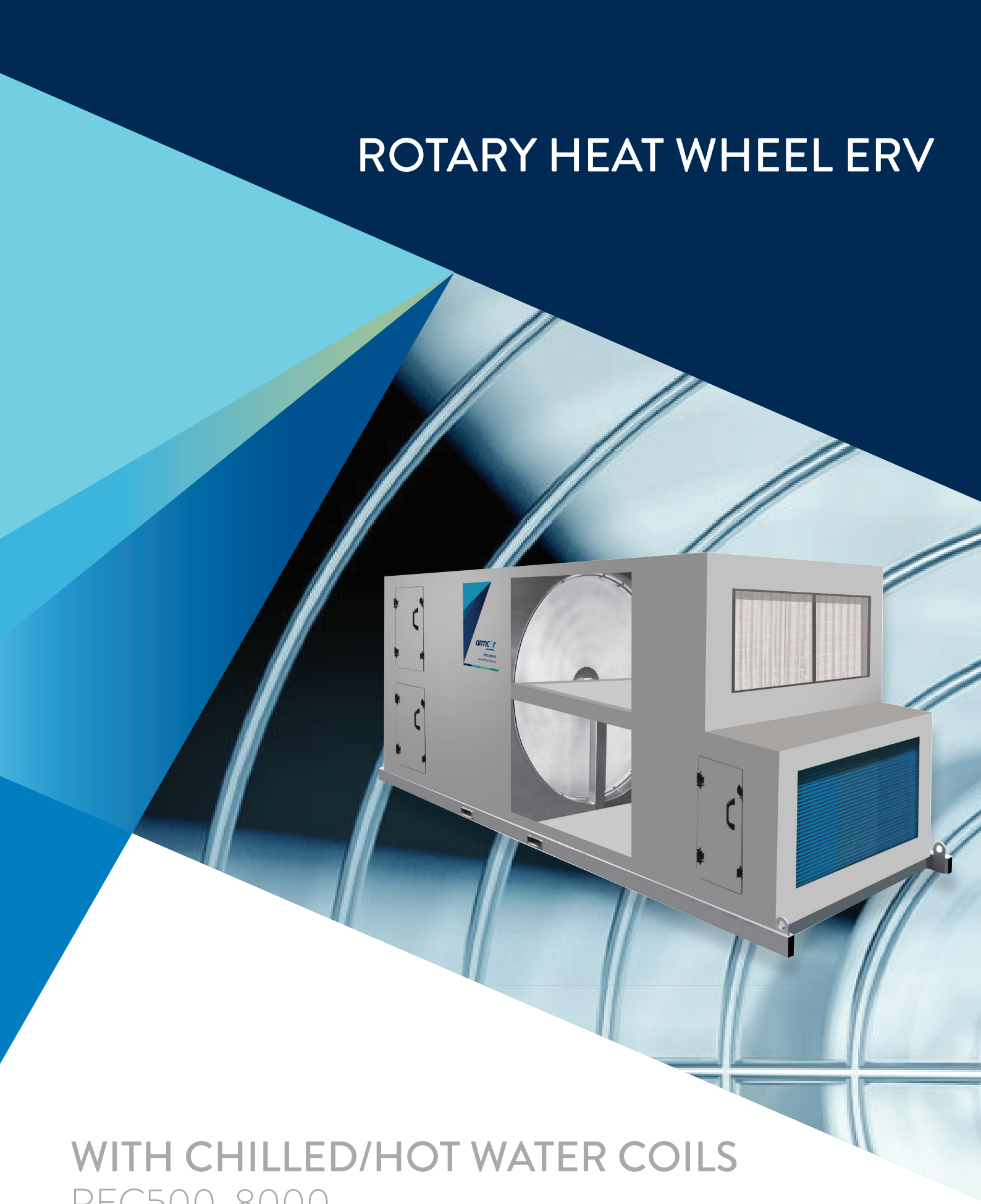
ROTARY HEAT WHEEL ERV



WITH CHILLED/HOT WATER COILS

REC500-8000

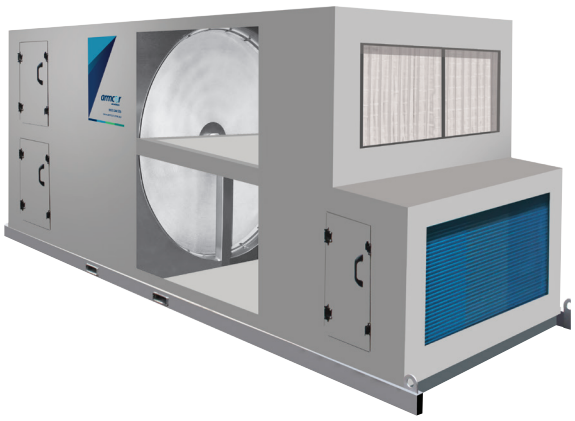
armcor
air solutions

ROTARY HEAT WHEEL ERV
WITH CHILLED/HOT WATER COILS
REC500-8000

The REC combines a rotary heat exchanger with inbuilt chilled water and/or hot water coils to condition the air following the Heat Recovery process. With efficiencies up to 87%, 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 media, economy bypass is effected through stopping the rotary heat wheel.

Standard capacity from 300 l/sec to 8,000 l/sec, to suit applications such as:

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



Options include:

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

MODEL	NOMINAL CAPACITY (l/sec)	ENERGY RECOVERED (COOLING) Kw*	ENERGY RECOVERED (HEATING) Kw*	COIL CAPACITY KW*	DIMENSIONS (mm) H x W x L
REC500	300 - 500	7.4	12.4	11	1200 x 1100 x 2800
REC900	600 - 900	13.6	23.6	20	1700 x 1400 x 3300
REC1200	1000 - 1200	18.4	31.0	27	1700 x 1700 x 3300
REC1700	1500 - 1700	26.0	43.8	38	2000 x 1900 x 3800
REC2000	1800 - 2000	26.0	43.8	44	2000 x 1900 x 3800
REC2500	2000 - 2500	38.9	65.5	56	2200 x 2200 x 3800
REC3500	3000 - 3500	53.6	90.0	78	2500 x 2400 x 3800
REC4000	4000	68.7	115.3	88	2700 x 2700 x 3800
REC5000	5000	77.3	130.1	111	3000 x 2900 x 3800
REC6000	6000	107.3	180.0	133	2500 x 4600 x 3800
REC7000	7000	107.3	180.0	155	2500 x 4600 x 3800
REC8000	8000	137.3	230.7	178	2700 x 5200 x 3800

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

*Subject to change

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