

# ROTARY HEAT EXCHANGERS PTY LTD

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## **ROTARY HEAT EXCHANGER PTY LTD- SENSIBLE HEAT SPECIFICATIONS S8**

Heat exchange wheels (rotary regenerative heat exchangers) suitable for air-to-air recovery of thermal energy from building exhaust air streams shall be of Rotary Heat Exchangers Pty Ltd [www.rotaryheat.com](http://www.rotaryheat.com) or equivalent approved.

The Heat Exchange rotor media shall be polyethylene - terephthalate film (Mylar) resulting in only 10cm rotor width together with a low 18 rpm rotational speed to give negligible exhaust air carryover mixing.

The heat exchange matrix shall be assembled to give smooth parallel air passages of no greater than 10cm depth for minimum pressure drop and maximum heat transfer .

Rotors shall be mounted on sealed self aligning ball bearings of ample capacity externally mounted for easy maintenance.

The Heat Exchangers shall be fitted with replaceable nill clearance seal strips shall be fitted to each spoke member.

THESE HEAT EXCHANGERS SHALL HAVE A PROVEN SERVICE LIFE GREATER THAN 25 YEARS IN CHLORINATED POOL AND COASTAL SALT AIR ENVIRONMENTS WITH NO DETERIORATION IN PERFORMANCE.