

The **Breezair**

RPA X900

Heavy Duty Evaporative Air Cooler

The reliable and effective **RPA evaporative air coolers** are proven performers for heavy duty industrial cooling. They are a cooler of choice for contractors where high static pressure and/or complex ductwork is experienced. Breezair RPA Evaporative Coolers provide a low cost, low maintenance and energy efficient method of cooling your every application.



Cabinet

The cabinet is constructed of marine grade aluminium, incorporating channel section corner pillars, mounted on a heavy gauge base frame for structural stability. Many components have been powder-coated for extra corrosion protection. Cabinet fasteners are stainless steel, monel, nylon and aluminium.

Blower Wheel

The blower wheel is a double inlet, multi blade, forward curve, centrifugal type. Constructed from galvanised steel, the wheel is statically balanced. The blower shaft is precision ground solid stainless steel and is mounted in rubber insulated, self aligning, single row ball bearings.

Water Reservoir

The water reservoir is a one piece rotational moulding of polyethylene, providing a thick walled, corrosion free component with excellent sound deadening properties.

Fan Motors

Three phase motors are TEFC tropic proof, aluminium frame, IP55 enclosures to AS 1359.

Electrical Control

The **three phase starter assembly** is prewired within the unit and incorporates a dual contactor assembly for control of the high and low speeds. The enclosure is hoseproof to IP55 and incorporates an isolation switch. The **wall control switch** supplied incorporates pump, fan and speed variation mechanisms.

Water Connection

Water supply connection is 1 1/2" BSP, this connects directly to a 1 1/2" NB standard approved ball valve. Bleed off adjustment is by an external valve located at the corner pillar.

Filter Pads

Chillcel™ with a typical saturation efficiency of 80 %.

Unit Rating

Units are factory set to run, "free discharge" at the motor rated current, unless operating conditions are specified. Motor ratings, pulley and belt sizes are nominal, and may vary slightly due to manufacturing tolerances. Larger and smaller belts and pulleys available on request.