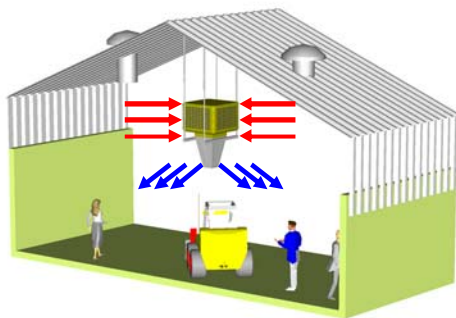




ECPSDU Technical Specification

Application

Internal suspended evaporative coolers utilise the fresh air from an existing ventilation system. Due to the relatively light weight most buildings can support these units without any structural changes.



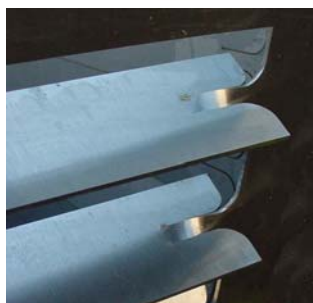
Installation

- All services run from above
- No floor space occupied
- Easily relocated as factory layouts change
- Simple installation with minimal disruption

Note that each system requires a minimum of 3m³/s ventilation to maintain efficiency and performance.

Unit Specification

Based on an EcoCooling ECP16000 this unit is designed to be suspended from the roof structure.



Services Requirements

- Electricity: Single phase 240V 1.5KW 10A
- Water
 - Flow rate: minimum 500 l/hr
 - Pressure: min 1 bar max 7 bar
- Drain: Minimum capacity 2000l/hr to an appropriate trade effluent waste point
- Control: 30m cable supplied as standard to wall mounted controller. Units can be controlled individually or in groups.

Suspension

- Total operating weight 120Kg
- Suspension points at 1450mm x 700mm

Louvre System

- Laser cut from Stainless Steel
- Five way distribution
 - Four sides
 - Base
- Delivered flat to allow complete flexibility of air distribution during commissioning