



ECP16000 Technical Specification

Producing a flow rate of up to **16,000m³/hr** this evaporative cooler is manufactured by EcoCooling Limited in an ISO 9002 quality environment. Designed to meet all European electrical, water and other safety legislation.

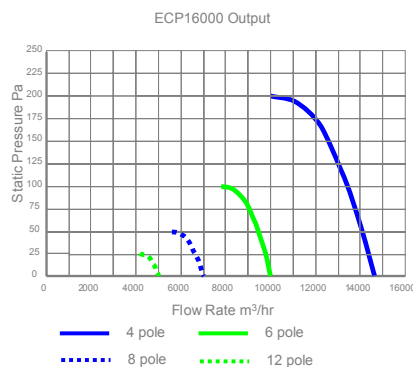
CABINET: The cabinet components are injection moulded structural from polypropylene. The cabinets are UV stabilised and corrosion free.

COOLING PADS: Cooling pads are Munters Celdek honeycomb, saturation efficiencies in the range of 85-89 % Munters CelDek 680x850x100mm, four pads total area 2.3m²



MOTOR: FAN MOTORS:

	Standard	Special
Motor Type	EVA – VS	EVA - VS
Poles	4/8	6/12
Speed	1340/900rpm	940/600 rpm
Volts	220V AC	220V AC
Hz	50	50
Amps Start	12A	8A
Amps Run	8A	5.6/3.5 A
Capacitor	60µF/450V	30µF/450V
Duty	S1	S1
Ins	F	F
IP	44	44
Overload	Auto Reset	Auto Reset



WATER: Supply minimum 1 bar max 7 bar. Minimum supply 500 L/hr. Sump Capacity 23L

ELECTRICAL SUPPLY: 240V 50Hz. 12A start 8A running

DRAIN: Minimum capacity 2000l/hr to an appropriate effluent point in accordance with local water regulations.

CIRCULATION PUMP: 50W, 30L/min, Centrifugal, Encapsulated, Shaded Pole Magnetically Coupled, Auto reset overload.

DIMENSIONS: Height 950mm, Length 1170mm Width 1170mm, Volume 1.3m³

WEIGHT: Dry 55Kg Operating 92kg. The cooler is designed to be supported from a plain edged vertical duct.

DUCT: Length 645mm x Width 645mm

CONTROL: Can be controlled in groups: Facility to directly connect to timer, thermostat, internal humidistat, external humidistat and fire alarm contact. Refer to separate documentation for details.

OPTIONAL EXTRAS:

Weather seal: Automatically shuts air flow when fan is stopped

WARRANTY: Two years: parts only.