



SPECIFICATION 0701

ECP07 Technical Specification

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.

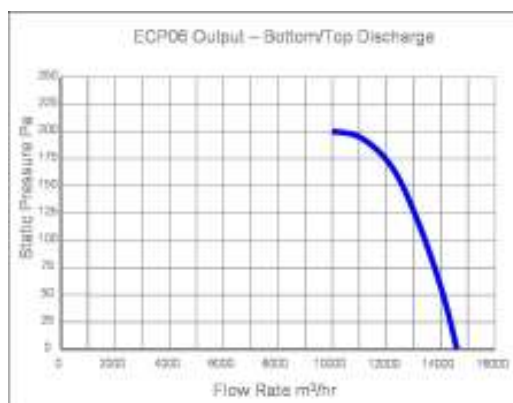
CABINET: The cabinet components are injection moulded structural from polypropylene. The cabinets are UV stabilised and corrosion free.

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 with integral insect screen.



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. External isolator fitted as standard.

DRAIN: Minimum capacity 2000l/hr to an appropriate drain 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: Wall Control supplied with 30m cable. Can be connected to thermostat to give automatic control. Facility to connect to timer, humidistat and fire alarm contact. Internal relay to drive external fan. Integrated commissioning sequence and maintenance/cleaning sequence.

Refer to separate documentation for details.

WARRANTY: Two years: parts only subject to coolers being maintained by EcoCooling approved service engineers.