

## Specifications

<b>Product</b>	Electrically Commutated Motor
<b>Motor Type</b>	Brushless DC Motor
<b>Motor Finish</b>	Advanced Plastic Housing
<b>Rated Power</b>	9, 12 Watts
<b>Supply Voltage</b>	115VAC (100VAC - 127VAC)
<b>Supply Frequency</b>	60Hz
<b>Current</b>	0.23A, 0.31A
<b>Lead Wire Length</b>	15" with Lyall two pin plug
<b>Temperature Rating</b>	-22°F - 122°F
<b>Thermal Overload</b>	If the motor fails to start, locked rotor/stall detection switches the motor to standby mode, with automatic restart after 60 seconds. This software detection protects the motor with a timed restart algorithm to limit maximum winding temperature. Self-resetting thermal protection stops the motor if over-temperature occurs. The motor restarts when the winding temperature is back within the operating range.
<b>Moisture and Dust Protection</b>	ECR01 motors are IP55. In all ECR01 motors a conformal coating is applied to the electronic control board for complete moisture protection.
<b>Insulation Class</b>	Class A
<b>Weight</b>	1.87 lbs (0.85kg)
<b>Rated Speed</b>	1500 RPM, 1550 RPM
<b>Mounting</b>	Mounted in any Position
<b>Bearings</b>	Ball Bearings
<b>Rotation</b>	CCW SE
<b>Agency</b>	UL cUL

### SKU Specifications

Motor	Voltage/HZ	Current A	Speed RPM	Output Power W	Protection	Approvals
ECR01-9W	115/60	0.23	1500	9	IP55	UL, cUL
ECR01-12W	115/60	0.31	1550	12	IP55	UL, cUL

Dimensions	A	B	C	D	E	F	G	H	I	K
mm	88	26	38	52	500	34.5	46	77	67	71.4
inches	3.46	1.02	1.50	2.05	19.68	1.36	1.81	3.03	2.64	2.81

ECR01-9W and ECR01-12W come standard with a 2 pin Lyall

