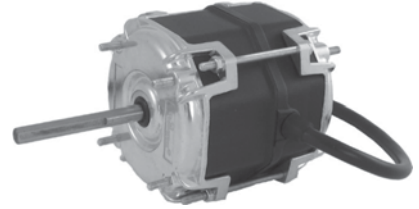


# ECR 85 / 95

## ECM Motor with Integrated Electronic Control

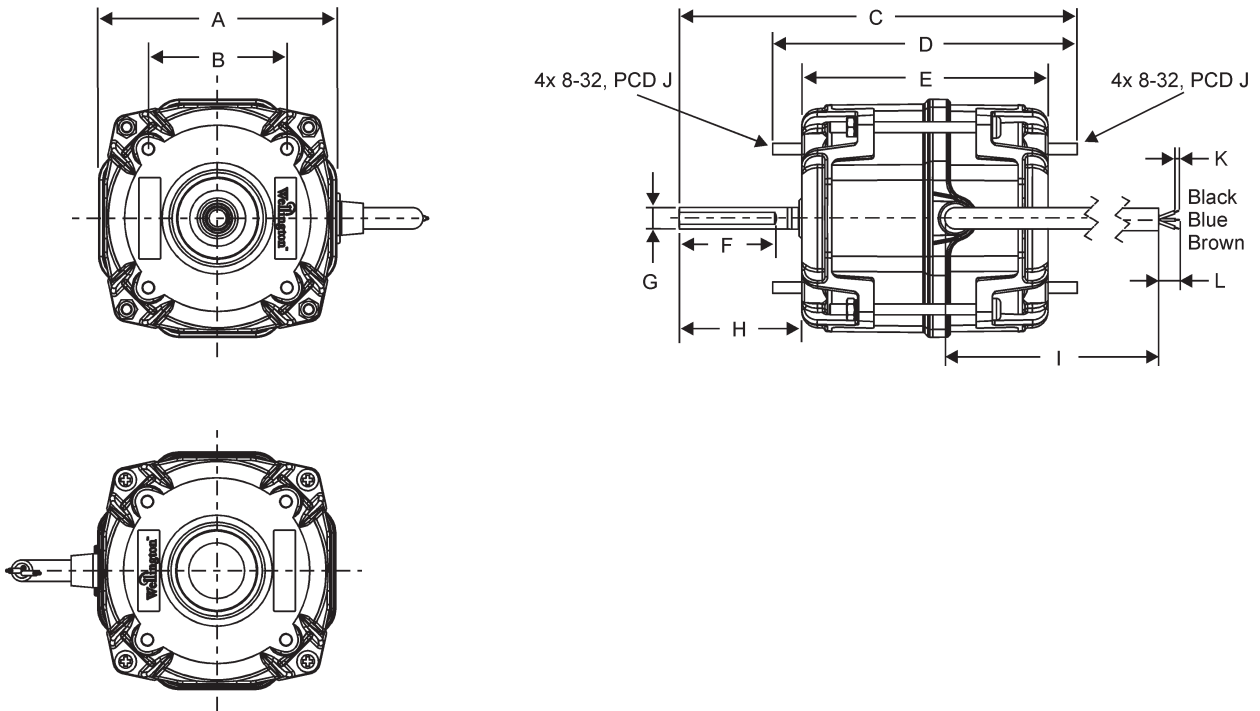


Motor	Voltage V / Hz	Current A	Speed RPM	Output Power W	Protection IP
ECR85xxx1	230 / 60	0.63	1550	50	42
ECR85xxx2	230 / 50	0.60	1400	42	42
ECR95xxx1	115 / 60	1.15	1550	50	42

### Product Specifications

Approvals	c *, CE*
Speed	Standard speed or user defined speed.
Electronic Control Safety Features	<p>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.</p> <p>Self-resetting thermal protection stops the motor if over-temperature occurs. The motor restarts when the winding temperature is back within the operating range.</p> <p>Overload detection maintains torque within a preset range. Software adjusts the speed if overload occurs, protecting the motor from overheating.</p>
Moisture and Dust Protection	ECR85/95 motors are IP42. In all ECR85/95 motors the electronic control board is potted for complete moisture protection.
Operating Temperature	-30°C to +40°C (-22°F to +104°F).
Voltage Range	190V-254V 100V-127V
Direction of Rotation	Reversible. Direction of rotation can be either CCW SE (standard) or CW SE (upon request) as seen when facing the motor from Shaft End (SE). For CCW SE rotation, the black and blue wires are connected together. For CW SE rotation, the black wire is connected to the brown wire.
Weight	1.25 kg (2.76 lb)
Special Designs	<p>Timed reverse: motor reverses direction of rotation during defrost and keeps condenser coils clean and more efficient. This reduces energy and service costs.</p> <p>Two speeds for day/night operation.</p> <p>Different power leads (for more information, please refer to page 24).</p> <p>For more special designs, please contact a Wellington office near you.</p>

\* In progress. To be completed Q1.



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L
mm	88	51	167	112	91	44	7.94	65	381	72.1	7	50
inches	3.46	2	6.57	4.4	3.58	1.73	0.31	2.56	15	2.84	0.28	1.97

Black	Control lead
Blue	Neutral
Brown	Line / Phase