

Wellington ECR2 high performance fan motor

- Dual voltage
- High efficiency
- High power factor
- Silent operation
- Drop-in replacement for Q frame or unit bearing motors
- RoHS and REACH compliant

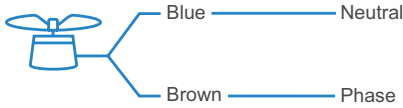
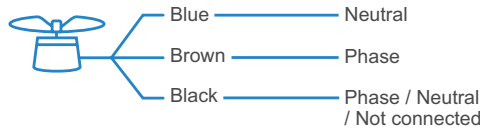
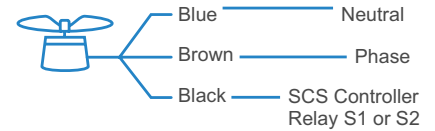


Specifications	
Input voltage range	70-264V, 50-60Hz (all models)
Output power range	0-13W
Speed range	300-1800 RPM
Max. input power	20.5W
Max. input current	0.10A (@230V), 0.20A (@115V)
Power factor	Up to 0.95 depending on load and voltage
EMC protection	4000V (per EN61000-6-2)
Noise	SWL 37 dBA @ 1300 RPM (per ISO1680)
Insulation class	Class A (105°C)
Thermal protection	Electronic Protection. Locked rotor and automatic thermal
Refrigerant compatibility	HFC, CO2 and hydrocarbon (per IEC 60335-2-89 Annex BB)
ATEX (EX)	IEC 60079-7 Group 2, Category 3G
IP rating	IP67
Operating temp. range	-30°C to +50°C (-22°F to +122°F)
Storage temp. range	-40°C to +80°C (-40°F to +176°F)
Weight (max)	0.54kg (1.2lb)
Approvals	

Suitable Fans*										
	150mm (6") & 172mm (7")	200mm (8")				230mm (9")		254mm (10")		
	All Pitches	22°	28°	34°	40°	22°	28°	19°	22°	28°
1300 rpm	✓	✓	✓	✓	?	✓	✓	✓	✓	?
1550 rpm	✓	✓	✓	✓	?	✓	?	?	?	✗
1800 rpm	✓	✓	✓	?	✗	?	✗	✗	✗	✗

Ⓜ May not achieve rated rpm at all back pressures

Wiring Diagrams

For single speed operation

For three speed or reversible operation

For variable speed operation


OEM Options

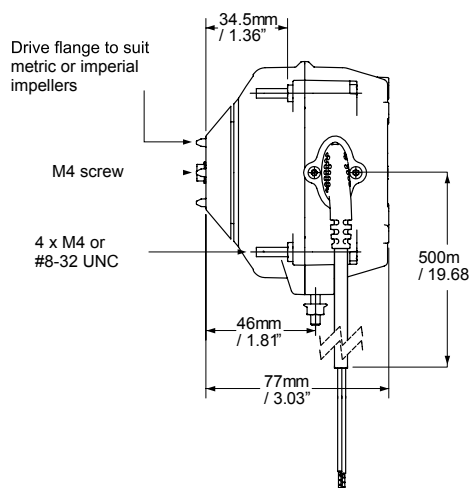
- Preprogrammed or factory/field programmable speeds
- Realtime continuously variable speed control over thirdmains wire (no extra cables required)
- Custom cable and plug options
- Metric, imperial, or custom hardware
- 3 speed, reversible, or timed-reverse options
- ATEX versions (Group2, Cat 3G)
- Food Grade rated housing option

Mounting Options

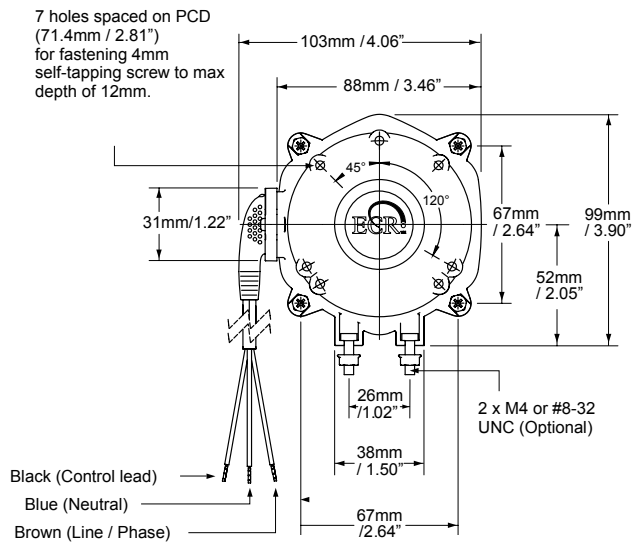
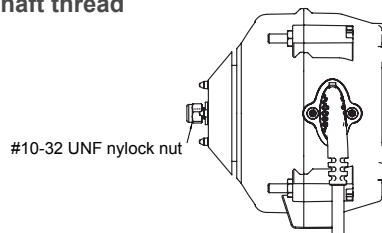
- Rear Mount: 4mm self-tapping screws in 3 hole or 4 hole configuration (screws not included: available on request)
- Foot Mount: 2 studs (optional)
- Basket Mount: 4 studs
- Fan Hub: 4 stud impeller mount to suit imperial or metric impellers
- Fan Mount: M4 screw with flat washer on female shaft thread or #10-32 UNF nyloc nut on male shaft thread

Dimensions

Female shaft thread



Male shaft thread



All ECR motors can be paired with our efficient and streamlined impellers and basket guards for the perfect fan pack solution.

Contact us on **01782 618 444** or visit our website www.axair-refrigeration.co.uk

Contact Us

Whatever your issue, concern or question, contact our refrigeration team using the below contact details. Alternatively, visit our website and open a live chat to start discussions.

01782 618 444

sales@axair-refrigeration.co.uk

www.axair-refrigeration.co.uk