

ACCELERATOR

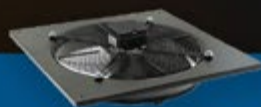
July - September 2021 | Free Call 0508 634 341

WIND OF CHANGE

| **NEW EBM PAPST
IQ SMART MOTOR**

| **SHOWROOM
INSTALLATION**

| **ARGON GIFTS**



MOSSWYNAIR
FANS & BLOWERS

MOSSWYN AIR
FANS & BLOWERS

WIND OF CHANGE

Moving with the Wind of Change

Mosswyn Air offers a complete line of air movement solutions for different applications and industries. From 20mm compact axial fans to 500mm plate fans, from square hub drive motors to inline case fans, Mosswyn Air is driving the wind of change in the industry.

Basket Grill Fans

With options ranging from 200mm to 630mm, the Mosswyn Air basket grill axial fans offer induced or forced airflow options on both single or three-phase motors.



Square Hub Drive Motors

Mosswyn square hub drive motors are an aluminium cased 4-pole, shaded-pole, multi-mount motor suitable for a wide range of fixed-pitch hub drive fan blades for refrigeration and air movement applications.



ICX Series Inline Fans

The ICX series are designed to improve ventilation in bathrooms, toilets, ensuites, laundries and kitchen in homes. Also suitable for hotels, apartments, and commercial buildings.

The unique design of this fan allows easy removal for maintenance without disturbing the duct system via specially designed support brackets.





Compact Axial Fan

The compact axial fan range features a diecast painted aluminium housing with operating temperatures from -20 to 80°C. With a 185-245 VAC operating voltage, these precision-style fans are found in thousands of applications.



Square Plate Axial Fans

With options ranging from 250mm to 900mm, the Square Plate Axial Fans offer induced or forced airflow options on both single or three-phase motors. They feature an outer cowl mount plate which allows easy mounting to existing structures.



Backward Curve Centrifugal Fans

These backward curved centrifugal fans are designed for medium pressures and medium volume flows applications. The polyamide fibreglass-reinforced impeller fan has an operating voltage range of 185-245 VAC to suit a wide range of applications.



DCI Series Case Fans

Heavy-duty fabricated galvanised case fans with axial variable pitch fan blades. Standard option with design & build customisation available.

MOSSWYN AIR
FANS & BLOWERS

HOT DEALS

Mosswyn Air®

EC Basket Grill Axial Fans – Induced Airflow

- Featuring the latest EC Energy saving
- 230 Volt / 1 Phase
- 40,000 Hour lifespan



Free Argon
"A-Beanie" with
selected Mosswyn Air
and EBM-Papst
fan ordered.



Part No.	Blade Diameter	RPM	List Price
130-K3M350-35A	350mm	1750	\$539
130-K3M450-35A	450mm	1310	\$861
130-K3T630-35A	630mm	1250	\$1,794



Mosswyn Air®

Basket Grill Axial Fans – Induced Airflow

- Compact external rotor motor with wire mounting grill
- Fan blades are black coated steel for efficient low noise operation
- IP54 terminal enclosure for simple installation

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Part No.	Blade Diameter	RPM	List Price
130-K4M250-30A	250mm	1400	\$190
130-K4M300-30A	300mm	1350	\$211
130-K4M350-30A	350mm	1380	\$224
130-K4M400-30A	400mm	1350	\$354
130-K4M500-30A	500mm	1320	\$494



Mosswyn Air®

Compact Axial Fans

- Diecast painted aluminum housing
- Operating temperature -20 to 80°C
- Impedance protection
- Operating voltage 185-245 VAC

Part No.	Blade Diameter	Airflow max CFM/m3h	RPM	Input Watts	List Price
130-008025-TBT	80x80x25	18/30	2400	9	\$30
130-008038-TBT	80x80x38	26/45	2700	11	\$32
130-009025-TBT	92x92x25	30/51	2700	12	\$37
130-012025-TBT	120x120x25	61/108	2600	13	\$37
130-012038-TBT	120x120x38	85/144	2700	20	\$41
130-015138-TBT	151x172x38	198/336	2900	25	\$73
130-015151-TBT	151x172x51	198/336	2900	25	\$73
130-018090-TBT	180x180x90	378/642	2600	25	\$271



HOT DEALS

Mosswyn Air®

Square Plate Axial Fans - Recessed Type – Induced Airflow

- Compact external rotor motor with wire mounting grill
- Fan blades are black coated steel for efficient low noise operation
- IP54 terminal enclosure for simple installation

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Part No.	Blade Diameter	RPM	List Price
130-K4M250-30APF	250mm	1400	\$224
130-K4M300-30APF	300mm	1350	\$278
130-K4M350-30APF	350mm	1380	\$375
130-K4M400-30APF	400mm	1350	\$411
130-K4M500-30APF	500mm	1320	\$505
130-K4M500-39APF	500mm	1360	\$853



Mosswyn Air®

Backward Curve Centrifugal Fans

- Capacitor run motor with external rotor (capacitor supplied separately)
- Polyamide fiberglass reinforced impeller
- Operating voltage range 185-245 VAC
- Thermally protected with auto restart

Part No.	Blade Diameter	RPM	List Price
130-BA2V190-69	190mm	2490	\$120
130-BA2V220-71	220mm	2450	\$130
130-BA2V225-69	225mm	2600	\$197
130-BA2V225-85	225mm	2600	\$208
130-BA2V250-99	250mm	2550	\$255



Mosswyn Air®

DCI Series Case Fans

- Fabricated galvanised case
- Axial variable pitch fan blades
- 900, 1400 & 2800 RPM dependent on motor specifications
- Other sizes available on request to meet all applications

Part No.	Diameter (NID)	List Price
131-DCI-0315	315mm	\$1,700
131-DCI-0400	400mm	\$2,100
131-DCI-0500	500mm	\$2,100
131-DCI-0560	560mm	\$2,300
131-DCI-0630	630mm	\$2,700
131-DCI-0710	710mm	\$2,900
131-DCI-0800	800mm	\$3,400
131-DCI-0900	900mm	\$3,900
131-DCI-1000	1000mm	\$4,200

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Design & build
customisation available

NEWS

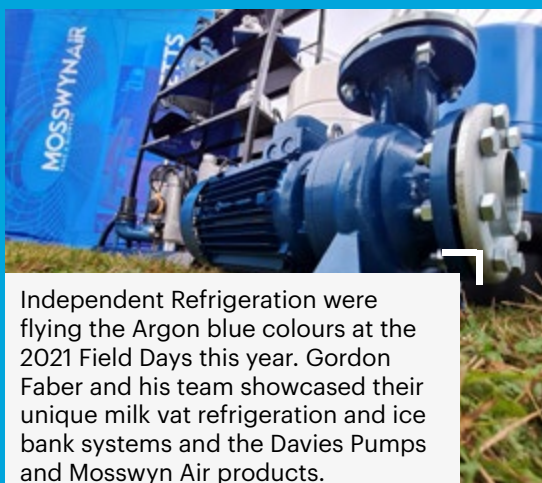
A NEW LOOK TO EFFICIENCY



The new iQC & NiQ energy-saving motors from EBM Papst are designed to achieve high performance in many demanding environments, including wet and dusty applications. The motor's high efficiency means less waste heat is generated, resulting in improved refrigeration performance and longer service life than typically shaded pole equivalents in cold side applications.

[View the New iQC and NiQ fan motors video here or visit our Argon Blog to read the full product release.](#)

2021 FIELD DAYS



Independent Refrigeration were flying the Argon blue colours at the 2021 Field Days this year. Gordon Faber and his team showcased their unique milk vat refrigeration and ice bank systems and the Davies Pumps and Mosswyn Air products.

[Visit our Argon blog to see the full story.](#)

PIE DAYS ARE HERE!



Phase One of the Auckland showroom is complete, and it looks great! Watch out for your invitation to join us on our pie and coffee mornings, where the Argon Team is looking forward to showing you the expanding product range.

[Sign-up at argondistributors.co.nz/upcoming-events/](https://argondistributors.co.nz/upcoming-events/) to receive your invite.

DANNEVIRKE DAZZLE



Dannevirke Dairy Supplies are proudly sporting the new Davies Pumps showroom display and signage. This full-colour, LED-lit display adds a whole new focus to their innovative showroom and allows customers to see their options easily and select the correct product.

[Visit our Argon blog to see the full story and video.](#)

A FAN IN HIGH PLACES!



Argon took a large Nicotra blower to the highest level of a unique Auckland high-rise working with a long-standing installation company! With a bit of help from NZ Crane Hire, Argon and their installation company maneuvered the 360kg blower fan into position on the rooftop of the 12-story building.

[Visit our Argon blog to read the full story and video.](#)

A REAL BLOW-ER!



Backed by more than 60 years of specialization and experience, the Utentra range of blowers from Italy offers some real wind force! These centrifugal fans are made of steel sheet spiral casing and are capable of volumes up to 17000m³/h.

[View them online at argondistributors.co.nz/brands/utentra](http://argondistributors.co.nz/brands/utentra)

ebmpapst

WIND OF CHANGE

Basket Grill Fans

With options ranging from 200mm to 630mm, the Mosswyn Air basket grill axial fans offer induced or forced airflow options on both single or three-phase motors.



ESM EC Axial Fan

This GREEN TECH3 fan is designed with soft-start and speed selection with an IP54 rating.



Compact Axial Fan

The compact axial fan range features a aluminium housing with operating temp 80°C. With a 185-245 VAC operating v precision-style fans are found in thousand.

iQ Square Hub Drive Motors

Energy-saving iQ motors with a high efficiency smart electronics that regulate voltage fluctuations for constant speed.



Square Hub Drive Motors

Mosswyn square hub drive motors are an aluminium cased 4-pole, shaded-pole, multi-mount motor suitable for a wide range of fixed-pitch hub drive fan blades for refrigeration and air movement applications.

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WIND OF CHANGE

EBM-Papst Compact Axial Fans

- Metal fan housing, impeller and blades
- Operating temperature -20 to 80°C
- Connection via electrical leads- 310mm long
- Operating voltage 185-245 VAC



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fan ordered.



Part No.	Size (mm)	Airflow max CFM/m3h	RPM	Input Watts	List Price
130-EP4656ZWU	80x80x25	18/30	2400	9	\$170

EBM-Papst ESM EC Axial Fan

- Plastic PA6 fiberglass reinforced impeller
- Operating temperature -30 to 50°C
- Thermal overload protection
- IP54 Protection, class B insulation
- Speed selection Max/Min
- Soft start



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Part No.	Blade Diameter	RPM	Input Watts	List Price
130-W1G200-EC91-19	200mm	2100	31	\$259

EBM-Papst Basket Grill Axial Fans – Induced Airflow

- Compact external rotor motor with wire mounting grill
- Fan blades are black coated steel for efficient low noise operation
- IP54 terminal enclosure for simple installation

Part No.	Blade Diameter	RPM	List Price
130-S4E300-AS72-44-CTN	300mm	1320	\$311
130-S4E350-AN02-60	350mm	1400	\$505
130-S4E400-AP02-44	400mm	1430	\$573
130-S4E450-AU03-37	450mm	1300	\$581
130-S4E500-AM03-01	500mm	1270	\$655



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HOT DEAL

EBM-Papst**Q Square Hub Drive Motors**

- Aluminum case and self-aligning bearings
- 4-Pole, shaded pole
- Multi-mount configuration
- 6 per carton

Part No.	Watt	Amps	List Price
133-M4Q045-BD01	5	0.19	\$71
133-M4Q045-CA01	7	0.20	\$79
133-M4Q045-CA03	10	0.25	\$84
133-M4Q045-CF01	216	0.42	\$94
133-M4Q045-DA05			\$102
133-M4Q045-EA01	25	0.62	\$115
133-M4Q045-EF01	34	0.75	\$146

**EBM-Papst****iQ Square Hub Drive Motors**

- Energy-saving iQ motor with a high efficiency of up to 65%
- Compatible with existing shaded-pole motors
- Smart electronics regulate voltage fluctuations for constant speed
- 6 per carton



Part No.	Watt	Replacement For	List Price
133-IQ3612-00	10	5, 7, 10, 16W	\$144
133-IQ3620-01	20	16, 18, 23, 25W	\$199

**EBM-Papst****Aluminium Hubless Fan Blades**

- Suit small ACW rotation refrigeration motors with hub drive plates.
- Range of sizes from 154mm to 300mm
- Airflow direction options: CW/Forced ACW/Induced

Part No.	Diameter	Rotation	Watts	List Price
320-AH73763-2	154mm	CW	5	\$17
320-AH73766-2	172mm	CW	5	\$17
320-AH73769-2	200mm	CW	10	\$19
320-AH73772-2	230mm	CW	16	\$21
320-AH73775-2	254mm	CW	25	\$22
320-AH73778-2	300mm	CW	34	\$28
320-AH73803-2	154mm	ACW	5	\$17
320-AH73806-2	172mm	ACW	5	\$17
320-AH73809-2	200mm	ACW	10	\$19
320-AH73812-2	230mm	ACW	16	\$21
320-AH73815-2	254mm	ACW	25	\$22
320-AH73818-2	300mm	ACW	34	\$28



HASCON

Hascon Blade Impeller Profiles

Hascon impellers are manufactured assembling airfoil profile blades with an aluminum alloy hub with 4 to 12 options. The impellers are used in applications that require the highest rotation speeds for both clockwise and anticlockwise rotation.

Customizable with various options;

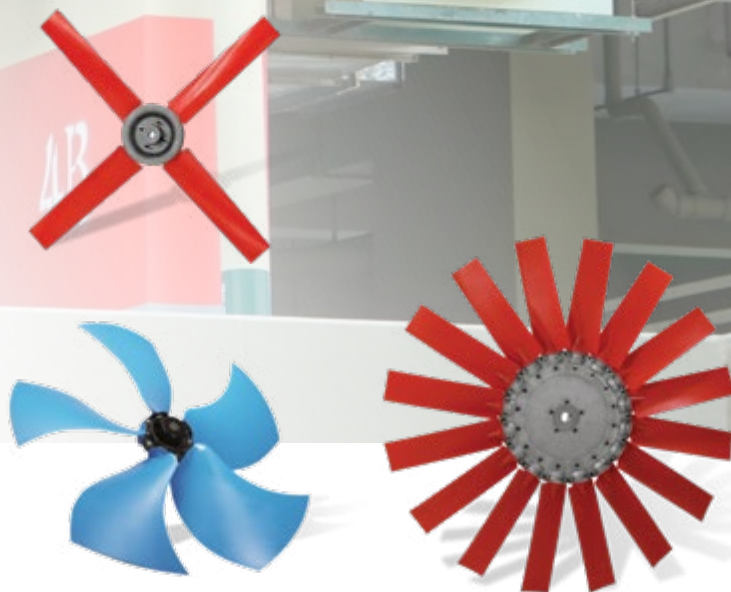
- 360mm to 1282mm
- -60°C to 400°C
- Multiple hub options

Applications:

- Compressors
- Ventilators
- Generators
- Earth Moving Machines
- Radiators
- Cooling Towers
- Snow Cannons
- Hovercrafts



Contact Argon to discuss your unique application Call 0508 634 341



Multi-Wing Fan Profiles

Multi-Wing's axial fans can be designed from various axial blade profiles and different materials to fit perfectly to any HVAC/R or engine cooling need.

Properly selected blade design and material contribute to optimal air flow, high performance and low noise operation.

Customizable with various options;

- 360mm to 2400mm
- -60°C to 400°C
- Multiple hub options



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