

Light Industrial Euramco







UB20 | UB30

The UB20 (8"/200mm) and UB30 (12"/300mm) ventilators are designed to either supply or exhaust air. They offer the complete solution for common confined space applications.

Made tough

These units are designed to work alongside your team in harsh areas. The casing is corrosion proof and dent resistant.

Double-walled and UV resistant

With a dual walled, polyethylene housing, these units are built to handle wear and tear from any job site.

IP55

Switch Enclosure

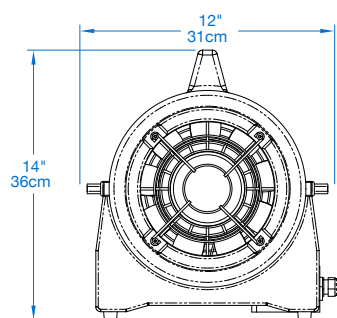
Thermal switch

Integral thermal overload protection comes standard with the unit. This prevents damage to the ventilators from overheating.

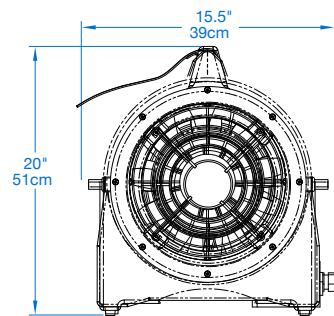
Power cord

A handy 3 meter long plug and lead is fitted as standard. This enables simple and quick use of the unit.

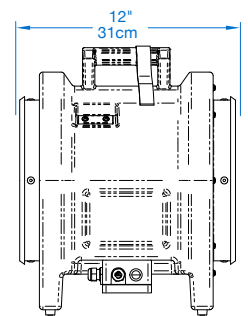
Model Order Code	UB20 ED8002	UB30 EJ8002
Free Air	1,392m³/hr	3429m³/hr
Motor	0.33hp (0.25kW)	1hp (0.75kW)
Power Supply	230V/50Hz	230V/50Hz
Weight	8kg	17kg
Amps	1.3A	5A



UB20



UB30



Accessories for UB20 series



Quick-Couple™

Reversible Canister

The Quick-Couple™ Canister can be easily and quickly connected to either end of the ventilator, changing it from supply to exhaust within seconds. Comes with 7.6m of 200mm diameter flexiduct.

Model: ED7004CL

UB20 Ventilator not included.



UB20 Turbo-couple™ Long Distance Ventilation Solution

Quickly connecting two UB20 ventilators in series is the perfect solution for your long distance ventilation needs. This enables the right air quantity to reach workers when using long lengths of duct.

Model: ED7300

UB20 Ventilator not included.



UB20 M.E.D.™

Manhole Entry Device

The M.E.D.™ is suitable for non-hazardous applications and allows workers to enter and exit through small man-size openings while maintaining continuous ventilation. Without this device, duct can obstruct the man hole opening, preventing rapid entry and exit.

The M.E.D.™ is quick to assemble and the swivelling elbow makes duct alignment easy.

Model: MED5100

UB20 Ventilator not included.



EFi50 | EFi120 | EFi150

The EFi range (16"/400mm) are reversible ventilators engineered to move large volumes of air. The high-strength, glass reinforced ABS housing is corrosion-proof and chemical resistant. The water tested switch enclosure has a handy 3 metre power cord attached.

Virtually indestructible

These units are made extra tough to be able to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. The ABS casing is chemical resistant, corrosion proof and dent resistant.

Easy storage

This unit is designed to be stackable for convenient storage. Rubber grips on the base create extra stability when in use. Transporting the unit is easy with handles for controlled manoeuvring.

IP55

Switch Enclosure

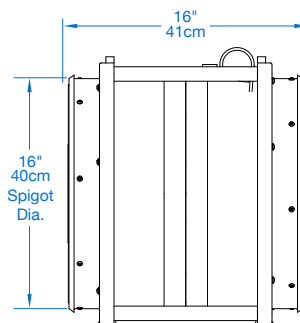
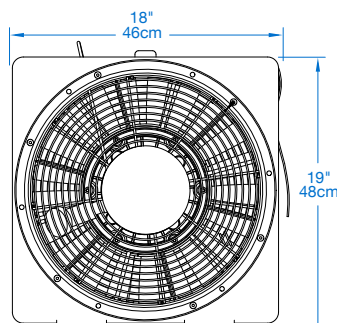
Engineered to move air

The EFi range meets all of your ventilation requirements. The EFi50 is ideal when you need a high volume and low velocity flow. For a more powerful flow and reduced cooling times, use the EFi120 or EFi150 model.

Power cord

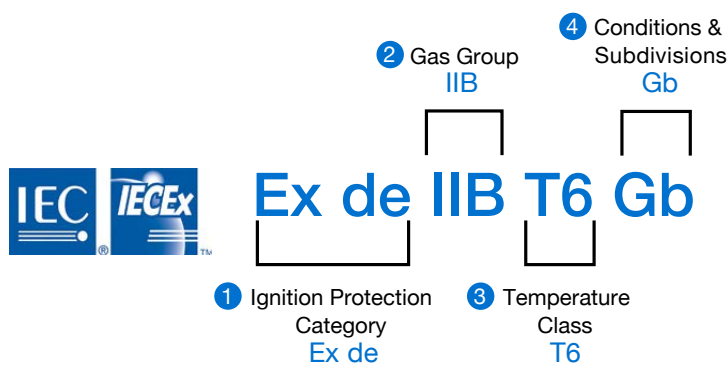
A handy 3 metre long plug and lead is fitted as standard. This enables simple and quick use of the unit.

Model Order Code	EFi50 EA8000-230	EFi120 EA8120	EFi150 EG8200-230
Free Air	5,440m³/hr	6,375m³/hr	7,580m³/hr
Motor	0.5hp (0.37kW)	1.2hp (0.9kW)	1.5hp (1.1kW)
Power Supply	230V/50Hz	230V/50Hz	230V/50Hz
Weight	21kg	24kg	25kg
Amps	3A	5A	8A





IECEX MARKING



Equipment Group & Category

Equipment Group	Equipment Category	Equipment Category	Hazard		Equipment Category
			Gas	Dust	
I - Mining	M1	Very high protection	-	-	Operable in Ex atmosphere
	M2	High protection	-	-	De-energized in Ex atmosphere
II - Industrial (non-Mining)	1	Very high protection	G	-	Zones 0, 1, 2
			-	D	Zones 20, 21, 22
	2	High protection	G	-	Zones 1, 2
			-	D	Zones 21, 22
	3	Normal protection	G	-	Zones 2
			-	D	Zones 22

1 Ignition Protection Categories

Ignition Protection Categories	I.D.	Can Be Used In	Safety Principle	
Increased safety	Ex e	Zone 1	No arcs, sparks or hot surfaces.	Junction Box
Non-sparking equipment	Ex nA	Zone 2		
Pressurized encapsulation	Ex d	Zone 1	Controls an internal explosion and extinguishes the flame.	Motor
Sand encapsulation	Ex q	Zone 1		
Enclosed switching device	Ex nC	Zone 2		
Intrinsic safety (special requirements)	Ex ia	Zone 0	Limits the energy of the sparks and the temperature of the surface.	
Intrinsic safety temperature	Ex ib	Zone 1		
Energy-limiting equipment	Ex nL	Zone 2		
Encapsulation	Ex m	Zone 1	Separates source of ignition from potentially explosive atmosphere.	
Oil encapsulation	Ex o	Zone 1		
Pressurization	Ex p	Zone 1		
Simplified pressurization	Ex nP	Zone 2		
Vapor-proof housing	Ex nR	Zone 2		

2 Gas Group

Gas Group	Representative Test Gas
I	Methane (Mining only)
IIA	Propane
IIB	Ethylene
IIC	Hydrogen

Gases are classified according to the ignitability of gas-air mixture. Refer to IEC 60079-20 for classification of common gases and vapors.

Gas Group IIB includes all gases for Group IIA

3 Temperature Classes

Class	T1	T2	T3	T4	T5	T6
	Maximum Surface Temperature					
	450°C	300°C	200°C	135°C	100°C	85°C
IIA	Acetone Ammoniac Benzene Acetic Acid Ethane Ethyl Acetate Ethyl Chloride Methanol Naphthalene Phenol Propane	i-Amylacetate n-Butane n-Butyl Alcohol	Gasolines Diesel Fuels Heating Oils n-Hexane	Acetaldehyde	-	-
IIB	Town gas (lighting gas)	Ethylene Ethylene Oxide	Hydrogen Sulfide	Ethylether	-	-
IIC	Hydrogen	Acetylene	-	-	-	Carbon Disulphide

Gas Group IIB, Class T6 includes all specifications for Gas Group IIA, Class T1-T6 and Gas Group IIB, T1-T6.

4 Conditions & Subdivisions

Flammable Materials	Temporary Behaviour Of Explosive Atmosphere	Classification of Hazardous Areas	Equipment Category as Defined in EN 60067-O	Equipment Protection Level (EPL) as Defined in EN 60079-O
Gases/Vapors	Is present continuously or for long periods or frequently	Zone 0	II	Ga
	Arises in normal operation occasionally	Zone 1	II	Gb or Ga
	Is not likely to arise in normal operation, or if it does, will persist for a short time only	Zone 2	II	Gc or Gb or Ga
Dusts	Is present in the form of a cloud continuously, or for long periods or frequently	Zone 20	III	Da
	Occasionally develops into a cloud during normal operation	Zone 21	III	Db or Da
	Is not likely to develop into a cloud during normal operation, or if it does, for a short time only	Zone 22	III	Dc or Db or Da
Methane Carbon Dust	Operation where there is a risk of explosion	-	I	Ma
	Disconnection where there is a risk of explosion	-	I	Mb or Ma

Certifications

IECEx UL Certificate #: 13.0062X
 EC-Type Examination Certificate #: DEMKO 09
 ATEX 0926969X
 INMETRO Certificate #: UL-BR 13.0593X
 CE Hazardous Location Marking: CE0539
 Ingress Protection: IP55

Highlighted areas in charts apply to Euramco Safety's Product Range

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UB20XX

3

Year Warranty

The UB20XX (8"/200mm) is a flame proof (Exd) ventilator that is compact and easy to use. It features a totally enclosed motor, and an anti-static chemical resistant ABS casing.

IECEx and ATEX certification

Safety of your workers is a priority. This unit is certified for use in Group IIB, Zone 1, T6, hazardous atmospheres.



Virtually indestructible

These units are made extra tough to be able to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. ABS antistatic casing is flame retardant and chemical resistant.

Thermal switch

Integral thermal overload protection comes standard with the unit. This prevents damage to the ventilators from overheating.

Hazardous certification

IECEx UL certificate number 13.0062X

Compact design

Designed to be compact and light, making storage and transportation simple. No matter the work environment, this unit is convenient and easy to use.

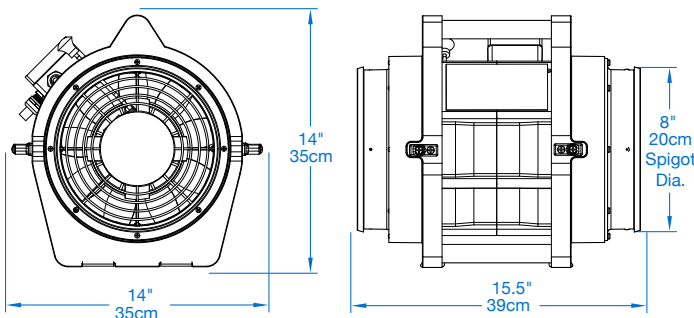
Duct adapters and power cord

This unit includes two integrated duct adapters and a handy 7.6m long power cable for convenience.

Optional accessories

Quick-Couple™ Canister, Duct Adapters, Anti-Static Duct, Duct Carry Bags.

Model Order Code	UB20XX EF8002
Free Air	1,932m³/hr
Motor	0.33hp (0.25 kW)
Unit Rating	IP55
Power Supply	230V/50Hz
Amps	1.2A
Weight	12kg
Equipment Protection Level	Ex d e





EFi120XX | EFi150XX



The motor for the EFi120XX and EFi150XX (16"/400mm) is totally enclosed for use in hazardous locations. These units can be used for exhaust or supply requirements.

IECEx and ATEX certification

Safety of your workers is a priority. This unit is certified for use in Group IIB, Zone 1, T6 hazardous atmospheres



Virtually indestructible

These units are made extra tough to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. ABS antistatic casing is flame retardant and chemical resistant.

Easy storage

This unit is designed to be stackable for convenient storage. Rubber grips on the base create extra stability when in use. Transporting the unit is easy with handles for controlled manoeuvring.

Duct adapters and power cord

This unit includes two integrated duct adapters and a handy 7.6m long power cord for convenience.

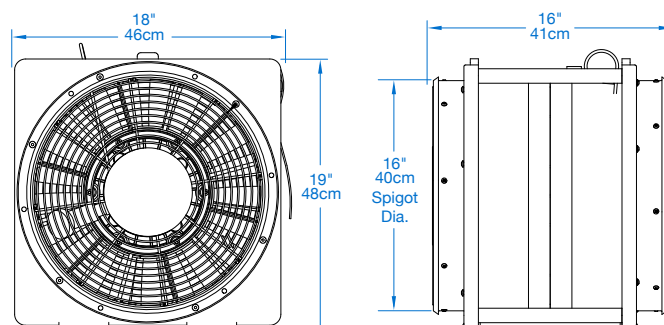
Made tough

These units are designed to work alongside your team in harsh areas. The casing is corrosion proof and dent resistant.

Hazardous certification

IECEx UL certificate number 13.0062X

Model Order Code	EFi120xx EA8120XX	EFi150xx EG8200XX-230
Free Air	6,375m³/hr	7,580m³/hr
Motor	1.2hp (0.9 kW)	1.5hp (1.1 kW)
Unit Rating	IP55	IP55
Power Supply	240V/50Hz	230V/50Hz
Amps	5A	8A
Weight	25kg	28kg
Equipment Protection Level	Ex d e	





AFi50XX

3

Year Warranty

The AFi50XX (16"/400mm) is an air driven blower for use in explosive atmospheres. The unit is complete with a filter, motor lubricator, air control valve and static grounding cord.

ATEX certification

Safety of your workers is a priority. This unit is certified for use in hazardous atmospheres.



Virtually indestructible

These units are made extra tough to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. ABS antistatic casing is flame retardant and chemical resistant.

Duct adapters

This unit includes two duct adapters and a static grounding cord as standard. Optional accessories are available upon request.

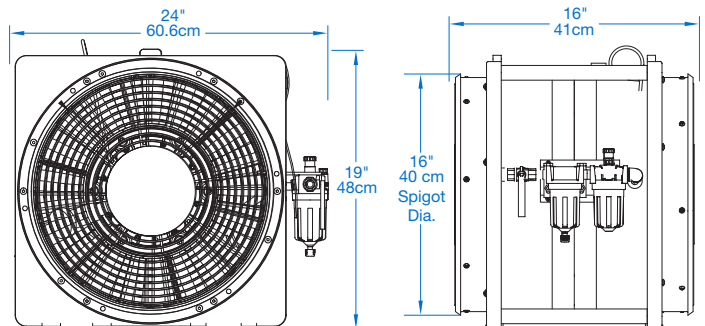
Optional accessories

Standard Duct, Anti-Static Duct, Duct Carry Bags, Cooling Collar.

Easy storage

This unit is built to be stackable for convenient storage. Rubber grips on the base create extra stability when in use. Transporting the unit is easy with handles for controlled manoeuvring.

Model Order Code	AFi50xx AA7000
Free Air	5,440m³/hr @ 80psig inlet air
Weight	20kg
Compressor Requirements	80 psig (550kpa)





EFi75XX

3

Year Warranty

The EFi75XX (12"/300mm) is intended for use in explosive atmospheres. It features a totally enclosed motor and is IP55 rated. It includes an ABS, chemical resistant, anti-static housing and integral thermal overload protection.

IECEx and ATEX certification

Safety of your workers is a priority. This unit is certified for use in Group IIB, Zone 1, T6 hazardous atmospheres.



Virtually indestructible

These units are made extra tough to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. ABS antistatic casing is flame retardant and chemical resistant.

Secure starters

The starter is secured in the flameproof motor enclosure. This prevents the risk of any ignition when the unit is powered to ensure safety of workers in hazardous environments. Use the pull switch to activate the ventilator.

Optional accessories

Anti-Static Duct, Duct Carry Bags.

Duct adapters and cord

This unit includes two integrated duct adapters, and a handy 7.6m extended reach power cord as standard.

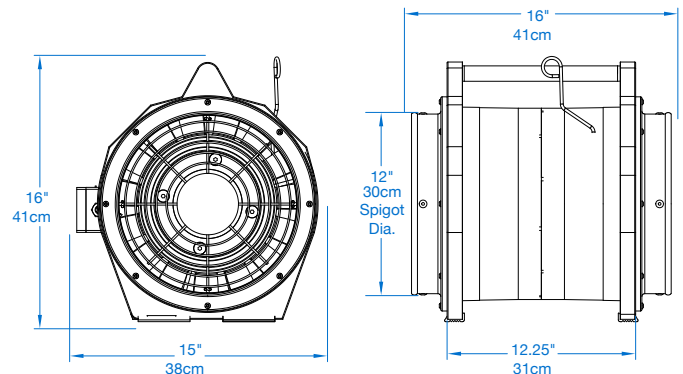
Thermal switch

Integral thermal overload protection comes standard with the unit. This prevents damage to the ventilators from overheating.

Hazardous certification

IECEx UL certificate number 13.0062X

Model Order Code	EFi75xx EB7201XX-230
Free Air	4,250m ³ /hr
Motor	0.75hp (0.56 kW)
Unit Rating	IP55
Power Supply	230V/50Hz
Amps	3A
Weight	20kg
Equipment Protection Level	Ex d e





AFi75XX



The air driven AFi75XX (12"/300mm) is engineered specifically for hazardous work environments. It is suitable where explosive atmospheric conditions make intrinsically safe equipment a requirement. The anti-static ABS housing is corrosion and chemical resistant.

ATEX certification

Safety of your workers is a priority. This unit is certified for use in hazardous atmospheres.



Virtually indestructible

These units are made extra tough to work alongside your team in harsh areas. They are built with a durable housing designed to withstand industrial workspace environments. ABS antistatic casing is flame retardant and chemical resistant.

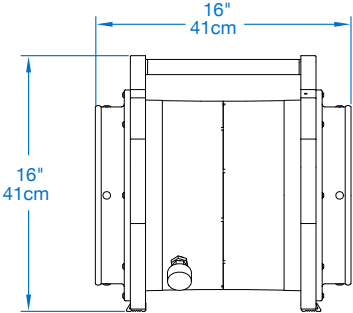
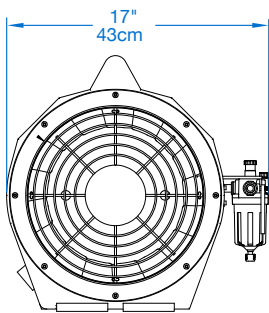
Duct adapters and cord

This unit includes two integrated duct adapters and a static grounding cord.

Optional accessories

Anti-Static Duct, Duct Carry Bags.

Model Order Code	AFi75xx AB7000
Free Air	3,471m³/hr @ 80psig inlet air
Weight	15kg
Compressor Requirements	80psig (550kPa)



Durable ducting

This durable ducting is available in several diameters and lengths to allow you to safely ventilate in virtually any application. All ducting comes with its own carry bag for transport and storage. The black ducting is anti-static for hazardous atmospheres and the yellow ducting is for more common ventilation requirements. Available in 20cm, 30cm or 40cm diameters.



Anti-static ducting

It uses an anti-static reinforced polymer material with an integrated steel Helix wire. Has passed both anti-static and flammability test.

Order #	Description
FDT-0825CBB	8" (20cm) dia. reinforced duct 25' (7.6m) with bag
FDT-1225CBB	12" (30cm) dia. reinforced duct 25' (7.6m) with bag
FDT-1615CBR	16" (40cm) dia. reinforced duct 15' (4.6m) with bag
FDT-1625CBR	16" (40cm) dia. reinforced duct 25' (7.6m) with bag



Standard ducting

Made from a reinforced polymer material with an integrated steel Helix wire.

Order #	Description
FDT-21624076BR	8" (20cm) diameter duct 25' (7.6m) with bag
FDT-30534005BB	12" (30cm) diameter duct 33' (10m) with bag
FDT-1615BR	16" (40cm) diameter duct 15' (4.6m) with bag

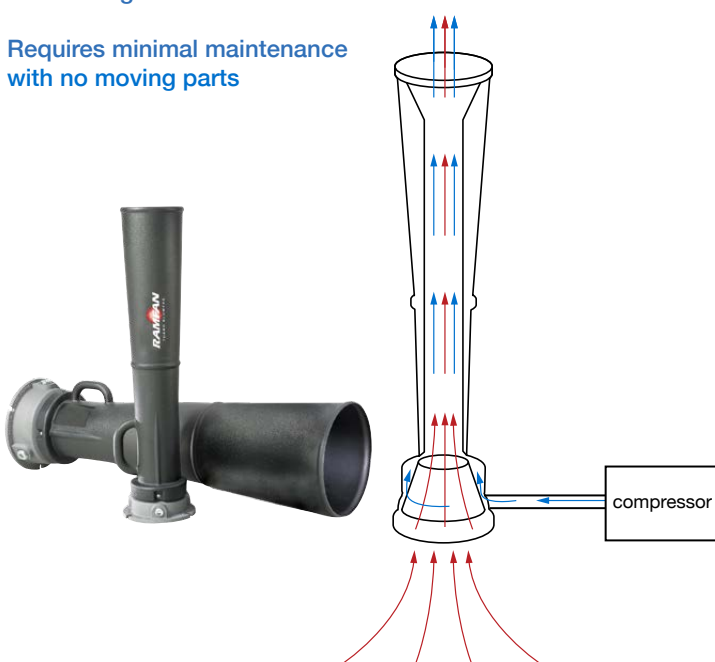
Venturi ducting

The venturi ducting is powered by compressed air or saturated steam so it is safe in adverse or explosive atmospheres. It is made from crush and dent resistant anti-static polymer that requires minimal maintenance.

Anti-static, polyethylene, crush and dent resistant cone

Cylindrical mixing chamber delivers higher induction ratios

Requires minimal maintenance with no moving parts



Order Code	RV760	RV1500
Inlet Connection	0.5"/12.7mm	1"/25.4mm
Flange	API 3"/76.2mm	API 6"/152.4mm
Weight	3kg	9kg
Dimensions (Depth/Height)	20/84cm	30/106cm
40psig inlet air		
Free Air	1,702m³/hr	4,658m³/hr
Air Consumption	37m³/hr	100m³/hr
Induction Ratio	46:1	47:1
80psig inlet air		
Free Air	2,446m³/hr	5,659m³/hr
Air Consumption	99m³/hr	211m³/hr
Induction Ratio	25:1	27:1

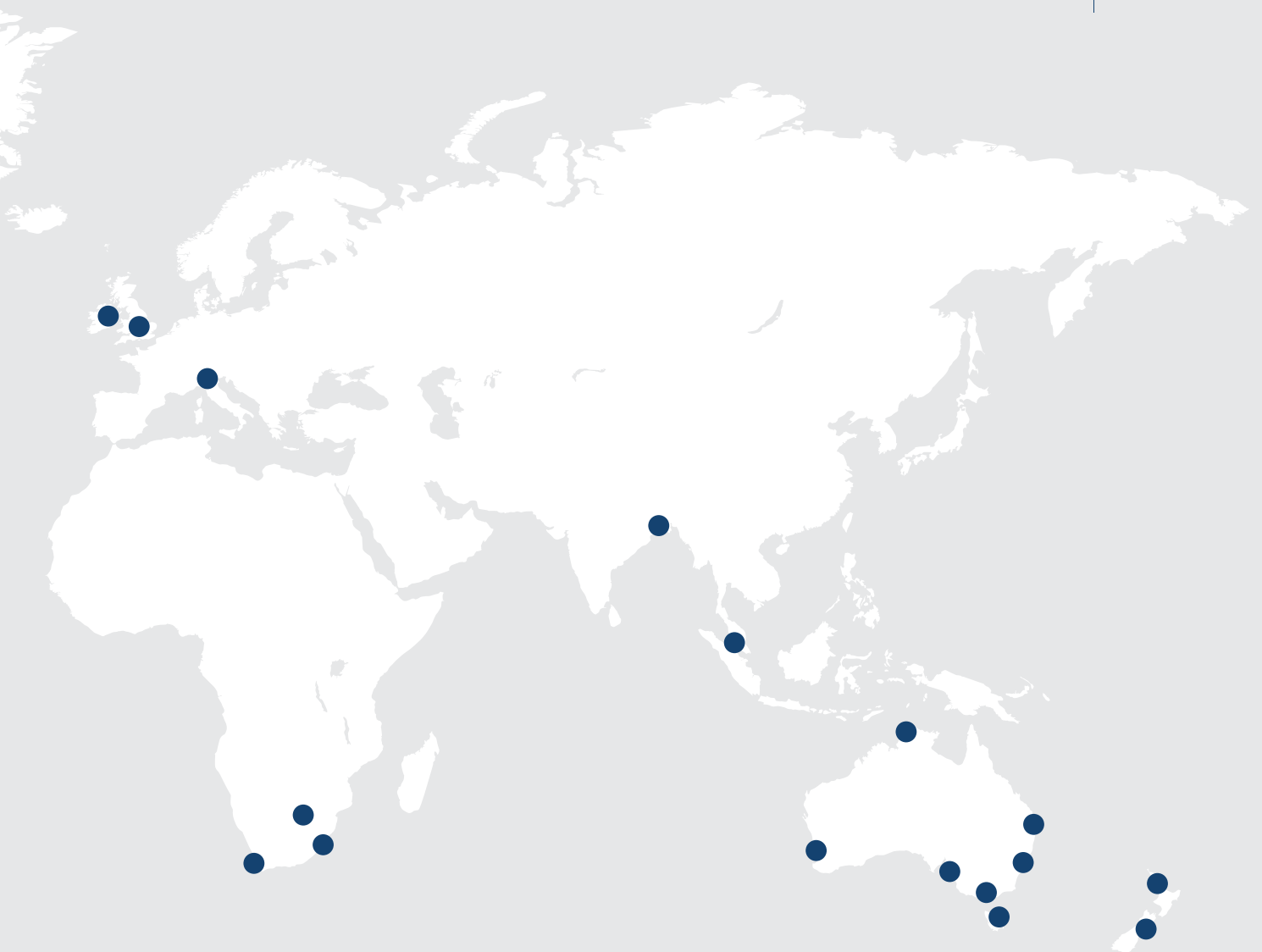


PART OF ELTA GROUP

Across all of our people, in all of our businesses, on all continents on which we operate, Elta Group has one purpose: to enhance life through air.

Over 20 years we have been a proudly independent, family-owned group, but our foundations were laid over 45 years ago. Our foundations were built on an entrepreneurial spirit and a clear vision of meeting market needs and improving air quality. These have seen us become a leader in high-integrity solutions that move, filter, treat and distribute air, from agriculture to building services to applied technology. We're never standing still, always living and breathing our cause, and looking to the horizon.

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Air Distribution
Controls
Heating
Cooling
Welfare
Lighting
PRODUCTS

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