



HYDROPONICS CATALOGUE



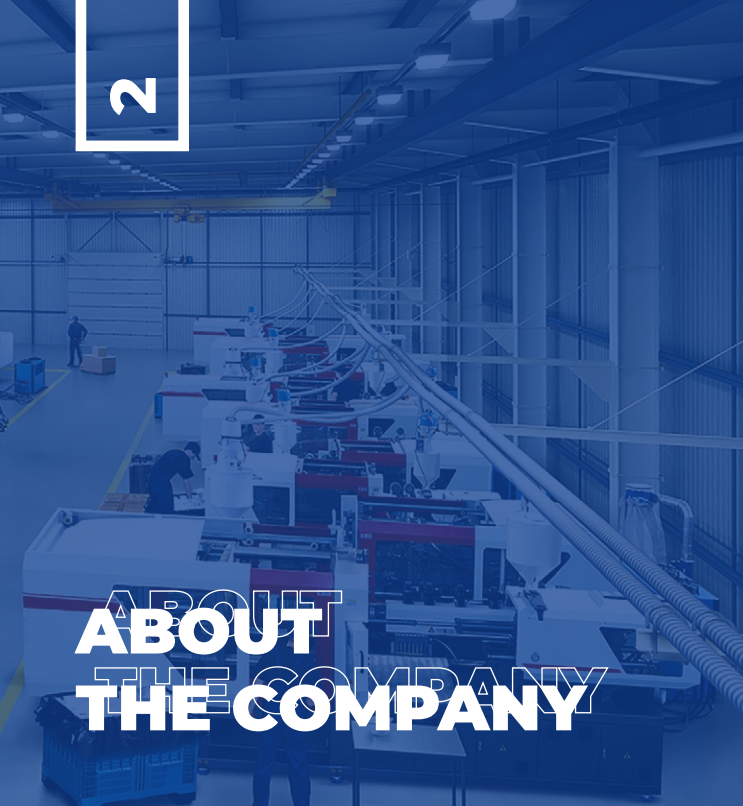
2021



CONTENTS

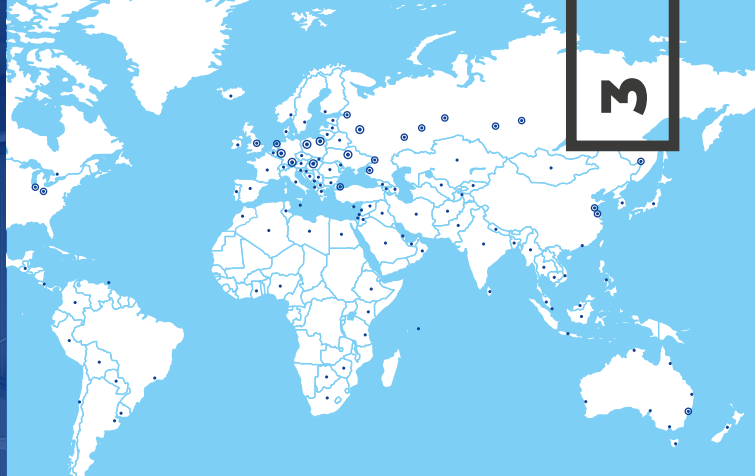
ABOUT THE COMPANY	2
TURBO	6
PRIMO	8
ISO-MIX	10
CENTRO	12
TUBO-F	14
DUCTO	15
DUCTING	18
DUCT FITTINGS	19

2



ABOUT THE COMPANY

3



MANUFACTURING FACILITIES

- Munich, Germany
- Trier, Germany
- Poznań, Poland
- Elk, Poland
- Tata, Hungary
- Kyiv, Ukraine
- Moscow, Russia

100+

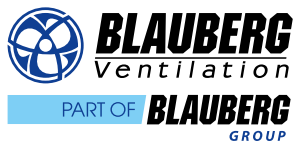
OVER 100 MILLION FANS MADE BY US

110

COUNTRIES WHERE YOU CAN BUY OUR PRODUCTS

3500

EMPLOYEES WORLDWIDE



Blauberg Ventilation is a part of the international group of companies Blauberg Group.

The Group headquarters as well as the R&D center and the quality control laboratory are located in Munich, Germany.

The Group is represented by a great number of offices and companies all over the world, ensuring timely supply and servicing.

Blauberg Group develops ventilation technology which complies with European and international standards and requirements specific to efficiency, reliability and safety.

Continuous improvement of the entire process flow, stringent product quality assurance at each production step, active implementation of innovative technology and consistent improvement of consumer appeal of the products were the key elements of the group's strategy of earning international recognition and making the Blauberg Group brands stand for uncompromising quality.



FANS

INLINE MIXED FLOW FANS

SOUND INSULATED INLINE MIXED
FLOW FANS

INLINE CENTRIFUGAL FANS

INLINE AXIAL FANS

TURBO



blaubergventilation.com.au

INLINE MIXED FLOW FANS



Features

Supply and extract ventilation systems installed in various premises requiring low noise level.

Ventilation air ducts requiring high pressure, powerful air flow and low noise level.

Compatible with \varnothing 100 up to 315 mm round air ducts.

The casing is made of low flammable polypropylene.

Ventilation unit with terminal box fitted with a lead and plug and 2 speed exterior switch. Can be turned to any position.

Special design of the casing permits easy dismantling of the impeller and motor block for fan servicing without dismantling the air duct.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

Ordering Information

Part Number	Model	Description
BLATURBO100	Turbo 100	MIXFLO 100 mm 2 SPEED FAN
BLATURBO125	Turbo 125	MIXFLO 125 mm 2 SPEED FAN
BLATURBO150	Turbo 150	MIXFLO 150 mm 2 SPEED FAN
BLATURBO200	Turbo 200	MIXFLO 200 mm 2 SPEED FAN
BLATURBO250	Turbo 250	MIXFLO 250 mm 2 SPEED FAN
BLATURBO315	Turbo 315	MIXFLO 315 mm 2 SPEED FAN
BLATURBO150 G	Turbo 150 G	MIXFLO 150 mm C/W SPEED CONTROLLER, EXTERNAL TEMP SENSOR
BLATURBO200 G	Turbo 200 G	MIXFLO 200 mm C/W SPEED CONTROLLER, EXTERNAL TEMP SENSOR
BLATURBO250 G	Turbo 250 G	MIXFLO 250 mm C/W SPEED CONTROLLER, EXTERNAL TEMP SENSOR
BLATURBO350 G	Turbo 350 G	MIXFLO 315 mm C/W SPEED CONTROLLER, EXTERNAL TEMP SENSOR

 up to **1750 m³/h**
486 l/s
 from **23 W**
 from **27 dBA**

Technical Data

Parameters	Turbo 100		Turbo 125		Turbo 150	
Speed	min	max	min	max	min	max
Voltage [V]	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230
Frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60
Power [W]	23	25	25	29	42	50
Current [A]	0.10	0.11	0.11	0.13	0.19	0.22
Maximum air flow [m³/h (l/s)]	170 (47)	220 (61)	230 (64)	345 (96)	430 (119)	560 (156)
RPM [min⁻¹]	1980	2545	1535	2265	1940	2620
Sound pressure level at 3 m [dBA]	27	32	29	34	32	44
Max. transported air temperature [°C]	+60		+60		+60	
SEC class	C		B		B	
IP rating	IPX4		IPX4		IPX4	
Motor IP rating	IPX4		IPX4		IPX4	
ErP	-		-		2018	

Parameters	Turbo 200		Turbo 250		Turbo 315	
Speed	min	max	min	max	min	max
Voltage [V]	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230	1 ~ 230
Frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60
Power [W]	76	108	125	177	227	315
Current [A]	0.34	0.48	0.54	0.79	0.99	1.42
Maximum air flow [m³/h (l/s)]	805 (224)	1080 (300)	1070 (297)	1360 (378)	1420 (394)	1750 (486)
RPM [min⁻¹]	1915	2380	1955	2440	2115	2505
Sound pressure level at 3 m [dBA]	39	45	44	51	41	52
Max. transported air temperature [°C]	+60		+60		+60	
SEC class	B		-		-	
IP rating	IPX4		IPX4		IPX4	
Motor IP rating	IPX4		IPX4		IPX4	
ErP	2018		2018		2018	

PRIMO



INLINE MIXED FLOW FANS



Features

Inline fans for supply and exhaust ventilation of various commercial and industrial premises requiring powerful air flow.

The fans are compatible with \varnothing 355 and 400 mm air ducts.

New product combines wide capabilities and high performance features of axial and centrifugal fans, providing powerful air flow.

The fan casing is made of polymer and reinforced with a metal housing. Due to the conically shaped polymer impeller with specially profiled blades, the air stream circular velocity increases, which results in higher air flow and pressure, as compared to characteristics of standard axial fans.

The specially designed diffuser, impeller and airflow rectifier at the fan outlet provide smooth air flow distribution and enable the best combination of high capacity, powerful pressure and low noise. The fan casing is equipped with an airtight terminal box fitted with a lead and plug and 3 speed exterior switch.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

up to
3350 m³/h
931 l/s

from
126 W

from
47 dBA

Technical Data

Parameters	Primo 355			Primo 400		
	min	mid	max	min	mid	max
Speed						
Voltage [V / 50 Hz]	1~ 230			1~ 230		
Power [W]	126	131	150	197	204	224
Current [A]	0.60	0.58	0.66	0.91	0.90	0.98
Maximum air flow [m³/h (l/s)]	2090 (581)	2296 (638)	2485 (690)	2677 (744)	3136 (871)	3350 (931)
RPM [min⁻¹]	1350	1400	1470	1320	1390	1446
Sound pressure at 3 m [dBA]	47	47	49	48	49	51
Transported air temperature [°C]	-25...+55			-25...+55		
Protection rating	IPX4			IPX4		
Motor protection rating	IP44			IP44		
Erp compliance	2018			2018		

Ordering Information

Part Number	Model	Description
BLAUPRIMO355	Primo 355	MIXFLO 355 mm 3 SPEED FAN
BLAUPRIMO400	Primo 400	MIXFLO 400 mm 3 SPEED FAN

ISO-MIX



SOUND INSULATED INLINE MIXED FLOW FANS



Features

Supply and extract ventilation systems installed in various premises requiring low noise level.

For ventilation air ducts requiring high pressure, powerful air flow and low noise level.

Compatible with \varnothing 150 up to 315 mm air ducts.

The casing is made of polymer coated steel, internally filled with 50 mm mineral wool thermal- and sound-insulating layer.

Special inner perforation of the casing and sound insulating material are designed for wide frequency sound absorbing.

Mixed flow impeller made of high quality plastic.

The diffuser, the specially profiled impeller and directing vanes provide high performance and powerful pressure combined with low noise operation.

External airtight terminal box fitted with a lead and plug and 2 speed exterior switch.

Mounting brackets on the fan casing for mounting to the floor, to the wall or ceiling.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

Ordering Information

Part Number	Model	Description
BLATURBO150MIX	Iso-Mix 150	MIXFLO 150 mm 2 SPEED FAN – SILENT SERIES
BLATURBO200MIX	Iso-Mix 200	MIXFLO 200 mm 2 SPEED FAN – SILENT SERIES
BLATURBO250MIX	Iso-Mix 250	MIXFLO 250 mm 2 SPEED FAN – SILENT SERIES
BLATURBO315MIX	Iso-Mix 315	MIXFLO 315 mm 2 SPEED FAN – SILENT SERIES

up to
1920 m³/h
533 l/s

from
24 W

from
23 dBA

Technical Data

Parameters	Iso-Mix 150		Iso-Mix 200	
	min	max	min	max
Speed				
Voltage [V]	1 ~ 230		1 ~ 230	
Frequency [Hz]	50/60		50/60	
Power [W]	24	26	25	29
Current [A]	0.10	0.11	0.11	0.13
Maximum air flow [m³/h (l/s)]	175 (49)	233 (65)	235 (65)	347 (96)
RPM [min⁻¹]	2015	2610	1660	2315
Sound pressure at 3 m [dBA]	24	29	23	28
Max. transported air temperature [°C]	+60		+60	
SEC class	-		-	
IP rating	IPX4		IPX4	
Motor IP rating	IP44		IP44	
ErP	-		-	

Parameters	Iso-Mix 250		Iso-Mix 315	
	min	max	min	max
Speed				
Voltage [V]	1 ~ 230		1 ~ 230	
Frequency [Hz]	50/60		50/60	
Power [W]	127	178	230	330
Current [A]	0.52	0.79	0.93	1.41
Maximum air flow [m³/h (l/s)]	1035 (288)	1315 (365)	1510 (419)	1920 (533)
RPM [min⁻¹]	1960	2460	2120	2620
Sound pressure at 3 m [dBA]	34	38	36	40
Max. transported air temperature [°C]	+60		+60	
SEC class	-		-	
IP rating	IPX4		IPX4	
Motor IP rating	IP44		IP44	
ErP	2018		2018	

CENTRO



blaubergventilation.com.au

INLINE CENTRIFUGAL FANS



Features

Supply and extract ventilation systems installed in various premises requiring low noise level.

Compatible with \varnothing 150 up to 315 mm round air ducts.

High quality durable plastic casing.

Aerodynamically shaped casing.

External airtight terminal box fitted with a lead and plug.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

Ordering Information

Part Number	Model	Description
BLACENTRO150	Centro 150	INLINE FAN CENTRIFUGAL 150 mm
BLACENTRO200	Centro 200	INLINE FAN CENTRIFUGAL 200 mm
BLACENTRO250	Centro 250	INLINE FAN CENTRIFUGAL 250 mm
BLACENTRO315	Centro 315	INLINE FAN CENTRIFUGAL 315 mm
BLACENTRO315MAX	Centro 315 max	INLINE FAN CENTRIFUGAL 315 mm

up to
1700 m³/h
472 l/s

from
80 W

from
42 dBA

Technical Data

Parameters	Centro 150		Centro 200	
Voltage [V]	1 ~ 230		1 ~ 230	
Frequency [Hz]	50	60	50	60
Power [W]	80	84	107	132
Current [A]	0.35	0.37	0.47	0.58
Maximum air flow [m³/h (l/s)]	460 (128)	505 (140)	780 (217)	890 (247)
RPM [min⁻¹]	2725	2840	2660	2765
Sound pressure at 3 m [dBA]	42	43	46	46
Max. transported air temperature [°C]	-25...+55	-25...+50	-25...+55	-25...+50
SEC class	B	-	B	-
IP rating	IPX4		IPX4	
Motor IP rating	IP44		IP44	
ErP	2018		2018	

Parameters	Centro 250		Centro 315	Centro 315 max
Voltage [V]	1 ~ 230		1 ~ 230	1 ~ 230
Frequency [Hz]	50	60	50	50
Power [W]	173	207	200	310
Current [A]	0.76	0.9	0.88	1.36
Maximum air flow [m³/h (l/s)]	1080 (300)	1090 (303)	1340 (372)	1700 (472)
RPM [min⁻¹]	2090	2120	2655	2590
Sound pressure at 3 m [dBA]	49	50	48	57
Max. transported air temperature [°C]	-25...+55	-25...+50	-25...+55	-25...+45
SEC class	B	-	-	-
IP rating	IPX4		IPX4	IPX4
Motor IP rating	IP44		IP44	IP44
ErP	2018		2018	2018

TUBO-F

INLINE AXIAL FANS



	up to 2500 m ³ /h 695 l/s		from 50 W		from 50 dBA
--	--	---	---------------------	---	-----------------------

Features

Combined supply and exhaust ventilation systems for various premises where high air flow at relatively low system resistance is required.

The fan casing and the impeller are made of polymer coated steel.

The fan casing sides have 30 mm deep corrugation

for convenient attachment to the air ducts.

The Tubo-F series fans feature an external terminal box mounted to the fan casing.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

Ordering Information

Part Number	Model	Description
BLATUBO-F2504E	Tubo-F 250	250 mm 4 pole axial fan
BLATUBO-F3004E	Tubo-F 300	300 mm 4 pole axial fan
BLATUBO-F3504E	Tubo-F 350	350 mm 4 pole axial fan

Technical Data

Parameters	Tubo-F 250 4E*	Tubo-F 300 4E*	Tubo-F 350 4E
Voltage [V/50 Hz]	1~230	1~230	1~230
Power [W]	50	75	140
Current [A]	0.22	0.35	0.65
Maximum air flow [m³/h (l/s)]	800 (222)	1340 (372)	2500 (695)
RPM [min⁻¹]	1380	1350	1380
Sound pressure at 3 m [dBA]	55	58	62
Transported air temperature [°C]	-30...+60	-30...+60	-30...+60
Protection rating	IPX4	IPX4	IPX4

* Compliant to the ErP-regulation (EC) 327/2011, the power consumption at optimum efficiency is < 125 W.

DUCTO

INLINE AXIAL FANS



	up to 340 m ³ /h 94 l/s		from 7.5 W		from 25 dBA
---	--	---	----------------------	---	-----------------------

Features

Low noise axial inline fans for exhaust or supply ventilation with superior capacity up to 340 m³/h.

From low to medium air flow motion for short distances at low air resistance.

Compatible with ø 100, 125 and 150 mm air ducts.

The casing and the impeller are made of high quality durable plastic.

The models of Blauberg Ducto Series are equipped with

a single-phase motor and fitted with a lead and plug.

Specially designed mixed flow impeller profile ensures high air flow and low noise level.

The motor has thermal overheating protection for motor overload prevention.

Motor on special anti-vibration connectors.

Complies to:

- AZ/NZS 60335.2.80:2016+A1
- AZ/NZS 60335.1:2020

Ordering Information

Part Number	Model	Description
BLADUCTO100	Ducto 100	INLINE AXIAL FAN 100 mm
BLADUCTO125	Ducto 125	INLINE AXIAL FAN 125 mm
BLADUCTO150	Ducto 150	INLINE AXIAL FAN 150 mm

Technical Data

Parameters	Ducto 100	Ducto 125	Ducto 150
Voltage [V]	220–240	220–240	220–240
Frequency [Hz]	50	50	50
Power [W]	7.5	13	22
Current [A]	0.049	0.085	0.095
Air flow [m³/h (l/s)]	110 (31)	215 (60)	340 (94)
RPM [min⁻¹]	2100	2250	2250
Noise level [dBA]	25	33	39

ACCESSORIES

DUCTING

DUCT FITTINGS

3 Zero Polyester Nude Core Duct

Product Code	Size
BLADUCT100-3	100 mm×6 m
BLADUCT125-3	125 mm×6 m
BLADUCT150-3	150 mm×6 m
BLADUCT200-3	200 mm×6 m
BLADUCT250-3	250 mm×6 m
BLADUCT300-3	300 mm×6 m
BLADUCT350-3	350 mm×6 m
BLADUCT400-3	400 mm×6 m



4 Zero Aluminium/Polyester Nude Core Duct

Product Code	Size
BLADUCT100-4	100 mm×6 m
BLADUCT125-4	125 mm×6 m
BLADUCT150-4	150 mm×6 m
BLADUCT200-4	200 mm×6 m
BLADUCT250-4	250 mm×6 m
BLADUCT300-4	300 mm×6 m
BLADUCT350-4	350 mm×6 m
BLADUCT400-4	400 mm×6 m



3 Zero – R0.6 Polyester Insulated Duct

Product Code	Size
BLADUCT100-R0.6	100 mm×6 m
BLADUCT125-R0.6	125 mm×6 m
BLADUCT150-R0.6	150 mm×6 m
BLADUCT200-R0.6	200 mm×6 m
BLADUCT250-R0.6	250 mm×6 m
BLADUCT300-R0.6	300 mm×6 m
BLADUCT350-R0.6	350 mm×6 m
BLADUCT400-R0.6	400 mm×6 m



Semi Rigid Aluminium Duct

Product Code	Size
BLADUCTAN100	100 mm×3 m
BLADUCTAN125	125 mm×3 m
BLADUCTAN150	150 mm×3 m
BLADUCTAN200	200 mm×3 m



All ducting meets the requirements of Australian Standards 4254 and the building codes of Australia for domestic and commercial air handling systems

Y Junctions – Plastic Non Insulated

Code	Description
BLA644	150/100/100 Y junction – non insulated
BLA666	150/150/150 Y junction – non insulated
BLA1088	250/200/200 Y junction – non insulated
BLA1288	300/200/200 Y junction – non insulated
BLA121010	300/250/250 Y junction – non insulated
BLA121212	300/300/300 Y junction – non insulated
BLA141010	350/250/250 Y junction – non insulated
BLA141210	350/300/250 Y junction – non insulated
BLA141212	350/300/300 Y junction – non insulated
BLA141410	350/350/250 Y junction – non insulated
BLA141414	350/350/350 Y junction – non insulated



Single Branch Take Off – Plastic Non Insulated

Code	Description
BLA666BTO	150/150/150 Branch take off – non insulated
BLA866BTO	200/150/150 Branch take off – non insulated
BLA888BTO	200/200/200 Branch take off – non insulated
BLA101010BTO	250/250/250 Branch take off – non insulated
BLA10106BTO	250/250/150 Branch take off – non insulated
BLA10108BTO	250/250/200 Branch take off – non insulated
BLA1066BTO	250/150/150 Branch take off – non insulated
BLA1086BTO	250/200/150 Branch take off – non insulated
BLA1088BTO	250/200/200 Branch take off – non insulated
BLA121010BTO	300/250/250 Branch take off – non insulated
BLA12106BTO	300/250/150 Branch take off – non insulated
BLA12108BTO	300/250/200 Branch take off – non insulated
BLA121210BTO	300/300/250 Branch take off – non insulated
BLA12126BTO	300/300/150 Branch take off – non insulated
BLA12128BTO	300/350/200 Branch take off – non insulated
BLA1288BTO	300/200/200 Branch take off – non insulated
BLA141010BTO	350/250/250 Branch take off – non insulated
BLA141210 BTO	350/300/200 Branch take off – non insulated
BLA141212 BTO	350/300/300 Branch take off – non insulated
BLA14126 BTO	350/300/150 Branch take off – non insulated
BLA14128 BTO	350/300/200 Branch take off – non insulated
BLA141410 BTO	350/350/250 Branch take off – non insulated
BLA141412 BTO	350/350/300 Branch take off – non insulated
BLA14146 BTO	350/350/150 Branch take off – non insulated
BLA14148 BTO	350/350/200 Branch take off – non insulated

DUCT FITTINGS

BLAUBERG Backdraft Dampers

Inline plastic/metal galvanised backdraft damper

For the prevention of air movement in the duct when a fan is not operating

Code	Description
BLABACKDRAFT100	100 mm Backdraft Damper – Plastic
BLABACKDRAFT125	125 mm Backdraft Damper – Plastic
BLABACKDRAFT150	150 mm Backdraft Damper – Metal
BLABACKDRAFT200	200 mm Backdraft Damper – Metal
BLABACKDRAFT250	250 mm Backdraft Damper – Metal
BLABACKDRAFT315	315 mm Backdraft Damper – Metal



BLAUBERG Joining Collars

Inline plastic/metal duct joining collar for joining two lengths of ducting together

Code	Description
BLABDUCTJOINER100	100 mm Duct Joiner – Plastic
BLABDUCTJOINER125	125 mm Duct Joiner – Plastic
BLABDUCTJOINER150	150 mm Duct Joiner – Plastic
BLADUCTJOINER200	200 mm Duct Joiner – Metal
BLADUCTJOINER250	250 mm Duct Joiner – Metal
BLADUCTJOINER300	300 mm Duct Joiner – Metal
BLADUCTJOINER350	350 mm Duct Joiner – Metal
BLADUCTJOINER400	400 mm Duct Joiner – Metal





Blauberg Ventilation

Unit 5, 45A Eastern Creek Drive,
Eastern Creek,
NSW 2766, Australia

info@blaubergventilation.com.au
www.blaubergventilation.com.au

Technical changes reserved.
Illustrations and texts are non-binding.

05/2021

