

PRO GROW
DRAGON SERIES

PRO GROW
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Aeroblast Duct Fans

pro-grow.com.au

PRO GROW DRAGON SERIES
Aeroblast EC Duct Fans

Quiet, efficient airflow for grow rooms and tents. Every Aeroblast fan runs on an EC (electronically commutated) motor, giving smooth, stepless speed control and lower running costs than a standard AC fan. Choose the standard model for maximum airflow, or the Silenced model with its noise-reduced housing for quiet rooms.

Features

- EC motor with smooth, stepless speed control
- Analogue 0–10 V speed controller included
- IP44 splash-resistant
- Five sizes: 125, 150, 200, 250 and 300 mm
- Standard and Silenced versions in every size
- 2-year warranty

What's in the box

Aeroblast fan with analogue 0–10 V controller

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How we measure fan noise

We sound-test samples of our Pro Grow Dragon Series silenced fans so the figures we publish come from real measurements, not estimates.

TEST SETUP

The fan runs at full speed (10 V control signal, 230 V supply), fitted with ducting as it would be in a real installation.

TWO MICROPHONES, TWO DISTANCES

We measure sound at the same time from 1 m and 3 m away, using a calibrated two-channel sound level meter.

A-WEIGHTED DECIBELS, dB(A)

The meter weights the reading toward the frequencies the human ear hears best, giving a truer picture of how loud the fan sounds in a room than a raw decibel figure.

Leq: THE AVERAGE OVER TIME

Fan noise rises and falls slightly from moment to moment. Leq (equivalent continuous sound level) averages the readings across the whole test, so one brief peak doesn't skew the result.

EXAMPLE: DRAGON SERIES SILENCED FAN, 200 mm (PGDS200S)

51.3 dB(A)
1 m from the fan

47.4 dB(A)
3 m from the fan



WHY DISTANCE MATTERS

Sound spreads out as it travels, so the same fan reads lower the further away you stand. When comparing brands, check the distance each figure was measured at.

Figures are from sample testing. Real-world noise depends on your setup, including ducting, mounting, room size and fan speed.

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125 mm Aeroblast Silenced Duct Fan

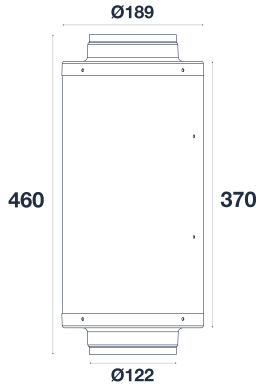
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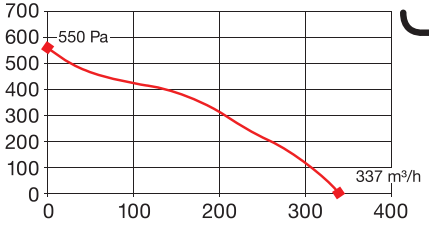


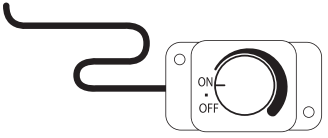
PERFORMANCE SPECS

- Model: PGDS125S
- Voltage: 230 Volts
- Current: 0.2 Amps
- Power: 27 Watts
- Speed: 5700 RPM
- Airflow: 337 m^3/h
- Pressure: 550 Pa
- Noise: 36 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

150 mm Aeroblast Silenced Duct Fan

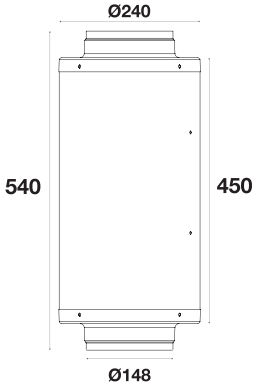
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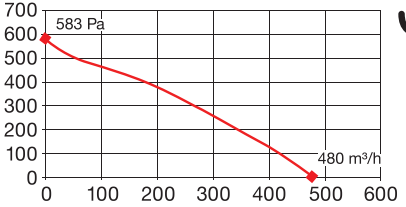


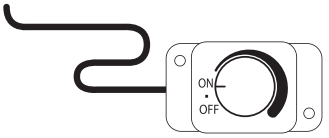
PERFORMANCE SPECS

- Model: PGDS150S
- Voltage: 230 Volts
- Current: 0.3 Amps
- Power: 42 Watts
- Speed: 5000 RPM
- Airflow: 480 m^3/h
- Pressure: 583 Pa
- Noise: 38.6 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

200 mm Aeroblast Silenced Duct Fan

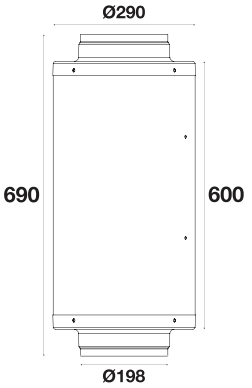
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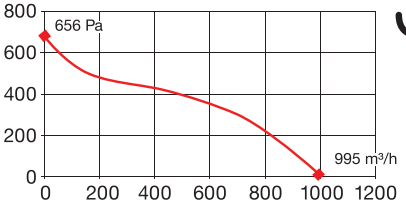


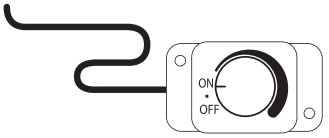
PERFORMANCE SPECS

- Model: PGDS200S
- Voltage: 230 Volts
- Current: 0.6 Amps
- Power: 90 Watts
- Speed: 4000 RPM
- Airflow: 995 m^3/h
- Pressure: 656 Pa
- Noise: 47.4 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

250 mm Aeroblast Silenced Duct Fan

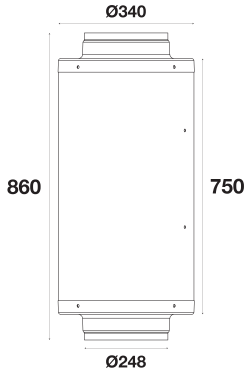
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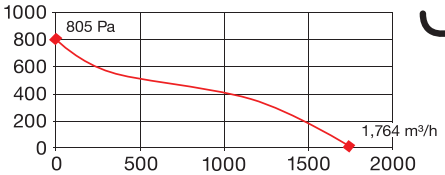


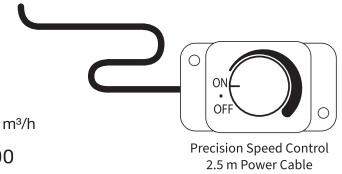
PERFORMANCE SPECS

- Model: PGDS250S
- Voltage: 230 Volts
- Current: 0.78 Amps
- Power: 175 Watts
- Speed: 3600 RPM
- Airflow: 1764 m^3/h
- Pressure: 805 Pa
- Noise: 49.7 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

300 mm Aeroblast Silenced Duct Fan

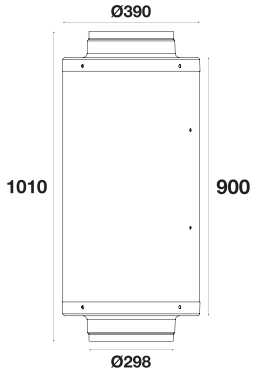
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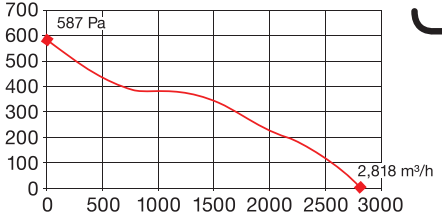


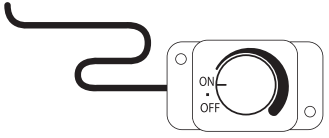
PERFORMANCE SPECS

- Model: PGDS300S
- Voltage: 230 Volts
- Current: 1.18 Amps
- Power: 300 Watts
- Speed: 3000 RPM
- Airflow: 2818 m^3/h
- Pressure: 587 Pa
- Noise: 45.7 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable


PRO GROW

125 mm Aeroblast Duct Fan

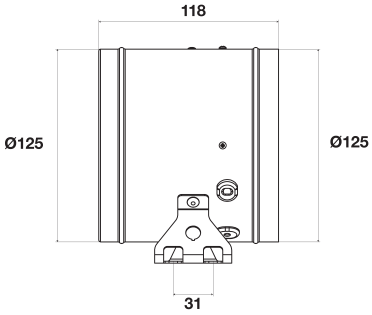
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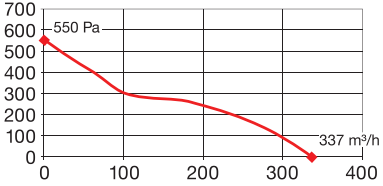


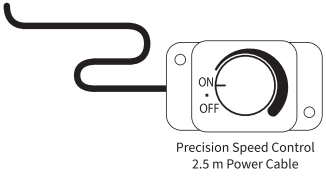
PERFORMANCE SPECS

- Model: PGDS125N
- Voltage: 230 Volts
- Current: 0.18 Amps
- Power: 27 Watts
- Speed: 5700 RPM
- Airflow: 337 m^3/h
- Pressure: 550 Pa
- Noise: 47.7 dB(A) at 3 m

DIMENSIONS (mm)







150 mm Aeroblast Duct Fan

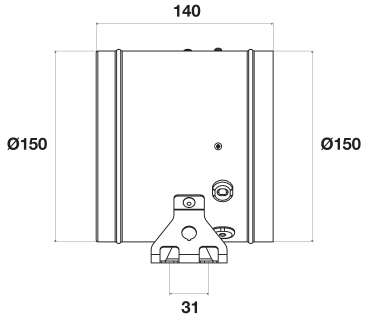
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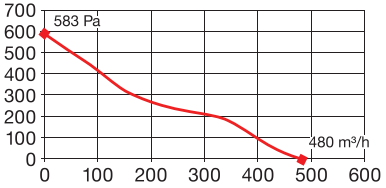


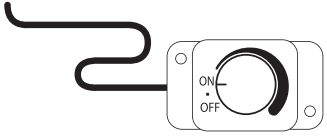
PERFORMANCE SPECS

- Model: PGDS150N
- Voltage: 230 Volts
- Current: 0.3 Amps
- Power: 50 Watts
- Speed: 5000 RPM
- Airflow: 480 m^3/h
- Pressure: 583 Pa
- Noise: 50.1 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

200 mm Aeroblast Duct Fan

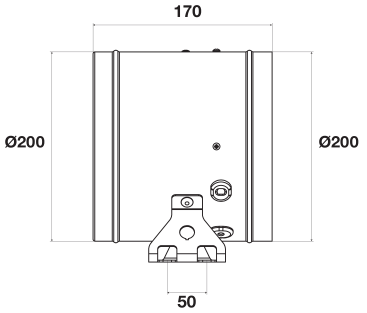
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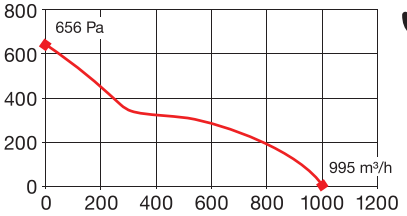


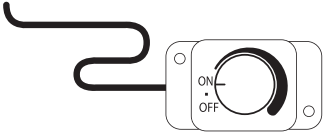
PERFORMANCE SPECS

- Model: PGDS200N
- Voltage: 230 Volts
- Current: 0.6 Amps
- Power: 90 Watts
- Speed: 4000 RPM
- Airflow: 995 m^3/h
- Pressure: 656 Pa
- Noise: 53.8 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

250 mm Aeroblast Duct Fan

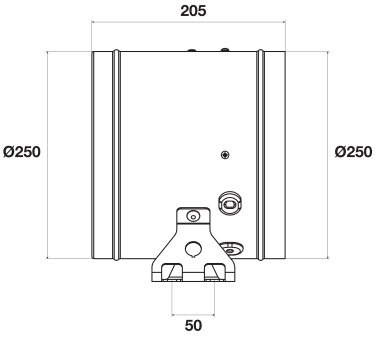
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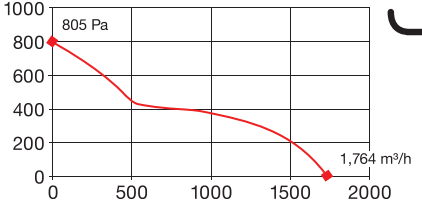


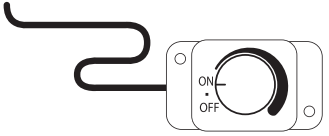
PERFORMANCE SPECS

- Model: PGDS250N
- Voltage: 230 Volts
- Current: 0.75 Amps
- Power: 180 Watts
- Speed: 3600 RPM
- Airflow: 1764 m^3/h
- Pressure: 805 Pa
- Noise: 58.2 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

300 mm Aeroblast Duct Fan

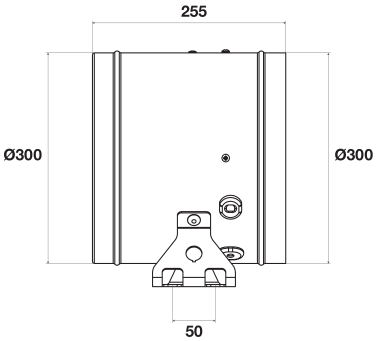
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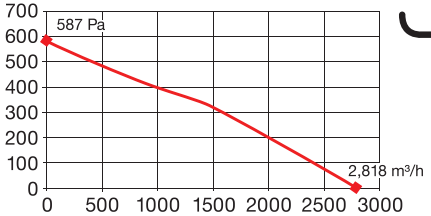


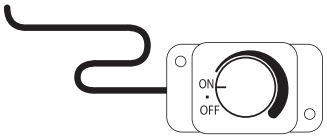
PERFORMANCE SPECS

- Model: PGDS300N
- Voltage: 230 Volts
- Current: 1.18 Amps
- Power: 300 Watts
- Speed: 3000 RPM
- Airflow: 2818 m^3/h
- Pressure: 587 Pa
- Noise: 62.3 dB(A) at 3 m

DIMENSIONS (mm)







Precision Speed Control
2.5 m Power Cable

PRO GROW DRAGON SERIES: RANGE AT A GLANCE

Model	Size (mm)	Version	Power (W)	Speed (RPM)	Airflow (m^3/h)	Pressure (Pa)	Noise dB(A) at 3 m	Net weight (kg)	Page
PGDS125S	125	Silenced	27	5700	337	550	36	3.5	6
PGDS150S	150	Silenced	42	5000	480	583	38.6	4.3	7
PGDS200S	200	Silenced	90	4000	995	656	47.4	7.3	8
PGDS250S	250	Silenced	175	3600	1764	805	49.7	11	9
PGDS300S	300	Silenced	300	3000	2818	587	45.7	15.4	10
PGDS125N	125	Standard	27	5700	337	550	47.7	1.6	12
PGDS150N	150	Standard	50	5000	480	583	50.1	1.56	13
PGDS200N	200	Standard	90	4000	995	656	53.8	2.37	14
PGDS250N	250	Standard	180	3600	1764	805	58.2	4.1	15
PGDS300N	300	Standard	300	3000	2818	587	62.3	5.95	16

PRO GROW DRAGON SERIES
Smart Fan Controller

Set it once and let it run your room. The Smart Fan Controller reads temperature and humidity at the canopy and adjusts up to two Aeroblast fans automatically. It ramps them up when conditions drift out of range and eases them back once things settle.

Features

- Runs up to two Aeroblast EC fans from one unit
- ON, OFF, AUTO, ALARM and TIMER modes
- Set high and low limits for temperature and humidity
- Temperature and humidity display in °C or °F
- Settings lock
- Powered by the fan, so no extra power pack is needed
- Plugs into the fan's RJ12 control socket

What's in the box

Controller, 3 m sensor probe, two 3.5 mm to RJ12 adaptors, two 3 m RJ12 cables and screws.



TECHNICAL SPECIFICATIONS

Dimensions	132 × 75.5 × 28.7 mm
Input voltage	10-24 VDC
Maximum input current	0.2 A
Output signal	PWM · 10 VDC · 10 kHz
Fan outputs	2 synchronised ports
Connection	3.5 mm via RJ12 adapter

Warranty

Warranty:
2 years from date of purchase

Where to buy:
Available from independent hydroponic stores across Australia and New Zealand. Ask in store or contact us to find your nearest stockist.



PRO GROW
DRAGON SERIES

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