



PRO GROW
DRAGON SERIES

**PRO GROW
DRAGON SERIES
Aeroblast Duct Fans**

pro-grow.com.au



PRO GROW

DRAGON SERIES

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 from the fan, using a calibrated two-channel sound level meter.

A-WEIGHTED DECIBELS, DB(A)

The meter weights the reading toward the frequencies the human ear actually hears. That gives 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

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 you compare fans from different brands, check what distance each figure was measured at. A 3 m figure will always look quieter than a 1 m figure for the same fan.

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

Contents

PRO GROW

DRAGON SERIES

INDEX

AEROBLAST SILENCED DUCT FAN - Noise-Reduced

125 mm Aeroblast Silenced Duct Fan.....	6
150 mm Aeroblast Silenced Duct Fan.....	7
200 mm Aeroblast Silenced Duct Fan.....	8
250 mm Aeroblast Silenced Duct Fan.....	9
300 mm Aeroblast Silenced Duct Fan.....	10

AEROBLAST DUCT FAN - Standard

125 mm Aeroblast Duct Fan.....	12
150 mm Aeroblast Duct Fan.....	13
200 mm Aeroblast Duct Fan.....	14
250 mm Aeroblast Duct Fan.....	15
300 mm Aeroblast Duct Fan.....	16



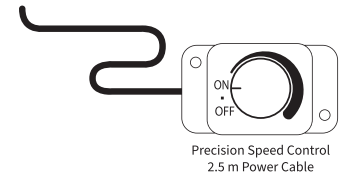
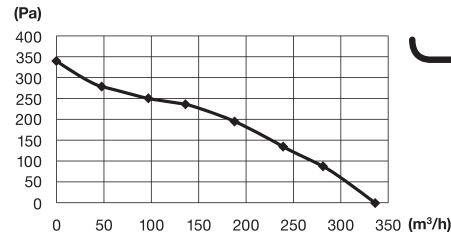
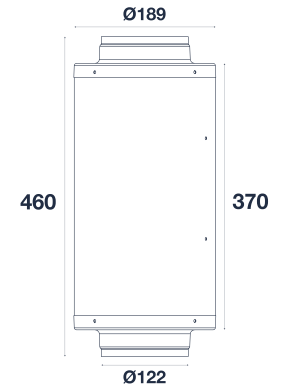
125 mm Aeroblast Silenced Duct Fan



PERFORMANCE SPECS

- Model: PGDS125S
- Voltage: 230 Volts
- Current: 0.2 Amps
- Power: 27 Watts
- Speed: 5700 RPM
- Airflow: 337 m³/h
- Pressure: 550 Pa
- Noise: 36 dB(A) at 3 m

DIMENSIONS (mm)



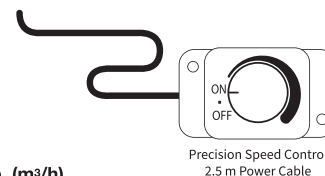
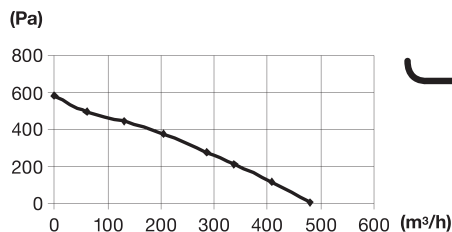
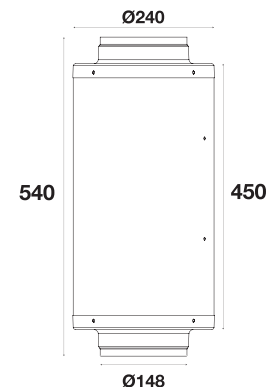
150 mm Aeroblast Silenced Duct Fan



PERFORMANCE SPECS

- Model: PGDS150S
- Voltage: 230 Volts
- Current: 0.3 Amps
- Power: 42 Watts
- Speed: 5000 RPM
- Airflow: 480 m³/h
- Pressure: 583 Pa
- Noise: 38.6 dB(A) at 3 m

DIMENSIONS (mm)



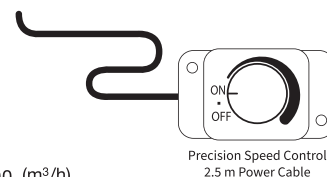
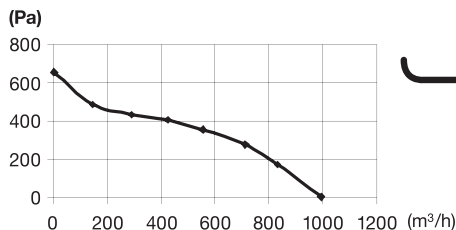
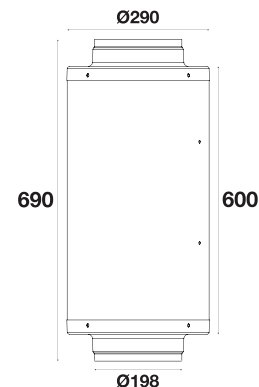
200 mm Aeroblast Silenced Duct Fan



PERFORMANCE SPECS

- Model: PGDS200S
- Voltage: 230 Volts
- Current: 0.6 Amps
- Power: 90 Watts
- Speed: 4000 RPM
- Airflow: 995 m³/h
- Pressure: 656 Pa
- Noise: 47.4 dB(A) at 3 m

DIMENSIONS (mm)



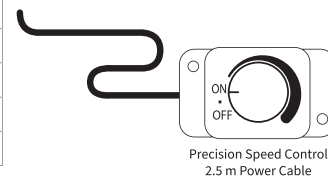
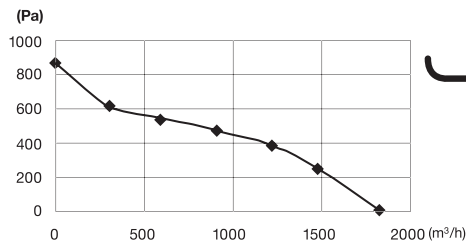
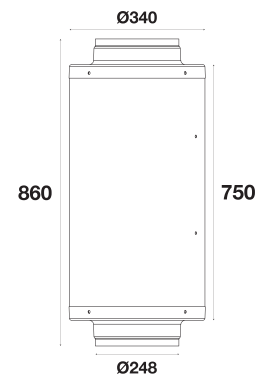
250 mm Aeroblast Silenced Duct Fan



PERFORMANCE SPECS

- Model: PGDS250S
- Voltage: 230 Volts
- Current: 0.78 Amps
- Power: 175 Watts
- Speed: 3600 RPM
- Airflow: 1764 m³/h
- Pressure: 805 Pa
- Noise: 49.7 dB(A) at 3 m

DIMENSIONS (mm)



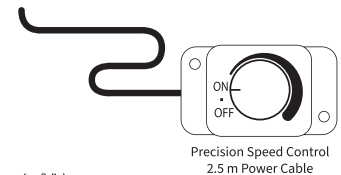
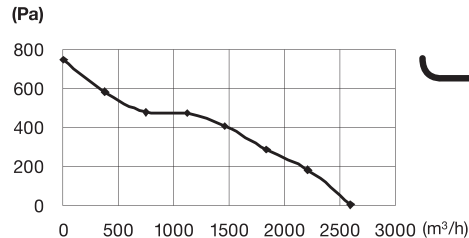
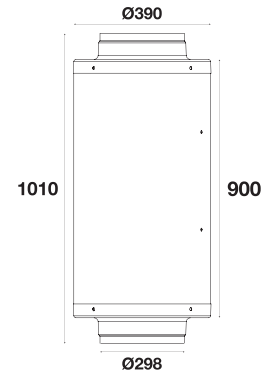
300 mm Aeroblast Silenced Duct Fan



PERFORMANCE SPECS

- Model: PGDS300S
- Voltage: 230 Volts
- Current: 1.18 Amps
- Power: 300 Watts
- Speed: 3000 RPM
- Airflow: 2818 m³/h
- Pressure: 587 Pa
- Noise: 45.7 dB(A) at 3 m

DIMENSIONS (mm)





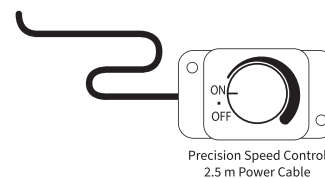
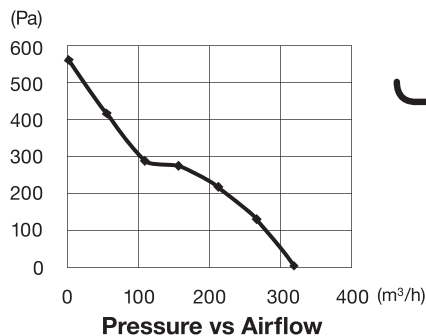
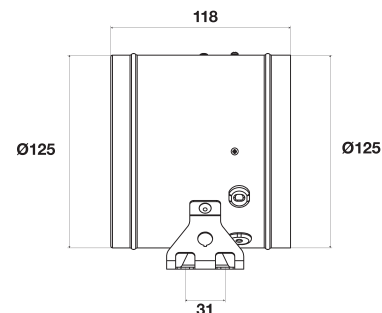
125 mm Aeroblast Duct Fan



PERFORMANCE SPECS

- Model: PGDS125N
- Voltage: 230 Volts
- Current: 0.18 Amps
- Power: 27 Watts
- Speed: 5700 RPM
- Airflow: 337 m³/h
- Pressure: 550 Pa
- Noise: 47.7 dB(A) at 3 m

DIMENSIONS (mm)



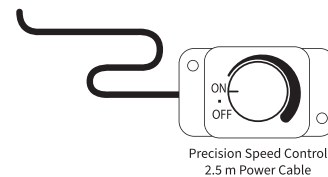
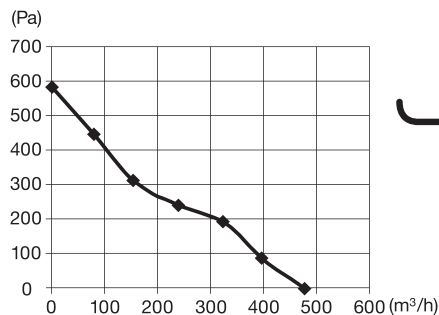
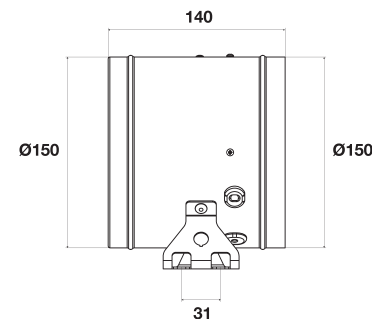
150 mm Aeroblast Duct Fan



PERFORMANCE SPECS

- Model: PGDS150N
- Voltage: 230 Volts
- Current: 0.3 Amps
- Power: 50 Watts
- Speed: 5000 RPM
- Airflow: 480 m³/h
- Pressure: 583 Pa
- Noise: 50.1 dB(A) at 3 m

DIMENSIONS (mm)



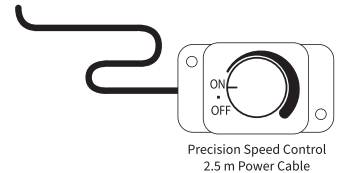
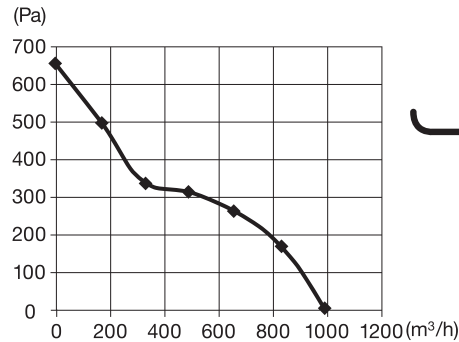
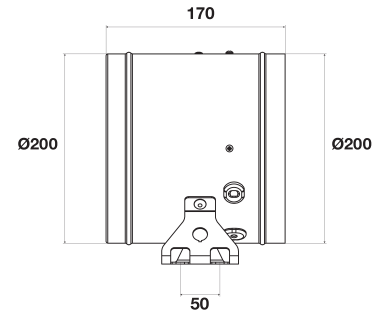
200 mm Aeroblast Duct Fan



PERFORMANCE SPECS

- Model: PGDS200N
- Voltage: 230 Volts
- Current: 0.6 Amps
- Power: 90 Watts
- Speed: 4000 RPM
- Airflow: 995 m³/h
- Pressure: 656 Pa
- Noise: 53.8 dB(A) at 3 m

DIMENSIONS (mm)



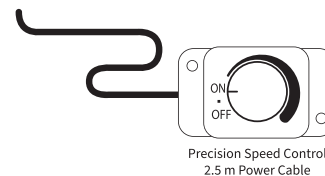
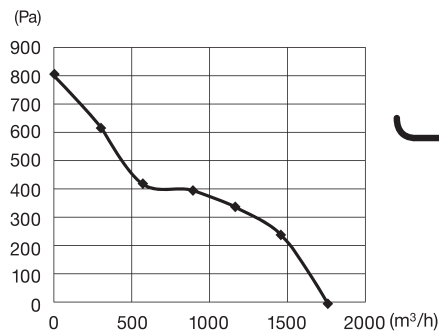
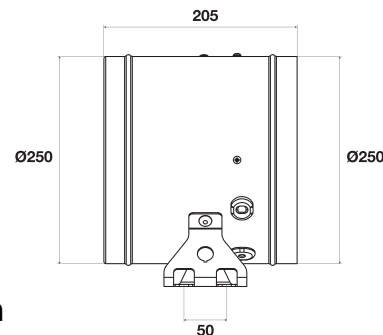
250 mm Aeroblast Duct Fan



PERFORMANCE SPECS

- Model: PGDS250N
- Voltage: 230 Volts
- Current: 0.75 Amps
- Power: 180 Watts
- Speed: 3600 RPM
- Airflow: 1764 m³/h
- Pressure: 805 Pa
- Noise: 58.2 dB(A) at 3 m

DIMENSIONS (mm)



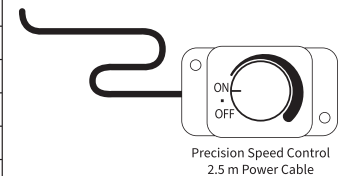
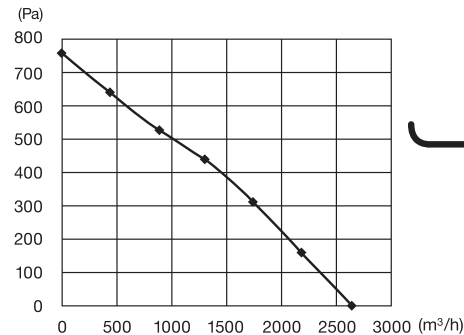
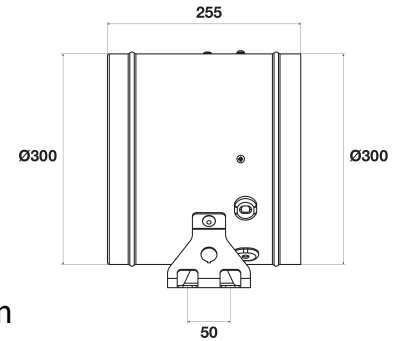
300 mm Aeroblast Duct Fan



PERFORMANCE SPECS

- Model: PGDS300N
- Voltage: 230 Volts
- Current: 1.18 Amps
- Power: 300 Watts
- Speed: 3000 RPM
- Airflow: 2818 m³/h
- Pressure: 587 Pa
- Noise: 62.3 dB(A) at 3 m

DIMENSIONS (mm)



PRO GROW
DRAGON SERIES

Contact Us

pro-grow.com.au
sales@whg.net.au

