HAVE YOU JOINED THE

REVOLUTION

EC FANS | AC FANS | CONTROLLERS

G·A·S
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NEW
EC
TECHNOLOGY

REVOLUTION
EC VECTOR

Electronically Commutated (EC) combines AC and DC voltages, bringing the best of both technologies. Easy speed controllability, efficiency and higher CFMs can be achieved.

The Revolution Vector EC series is designed for the higher CFMs and lower power consumption.

The fans have aerodynamically optimized impellers and guide vanes with integrated external rotor motors giving you optimal power and performance levels. To protect the motor from overheating the fan has integrated electronic motor protection.

Revolution fans are manufactured from special composite material. There is a specially designed mounting clamp available for easy installation which prevents the transfer of vibrations to the duct.

- Latest state-of-the-art energy saving EC technology
- The fan housing is made out of one piece, so no possible leakage
- No vibration, even on lower speeds
- Superior performance and airflow
- Capability to put fans in series to double pressure
- It's stealthy and silent
- Maintenance free and reliable quality – Made in Germany

Technical Data

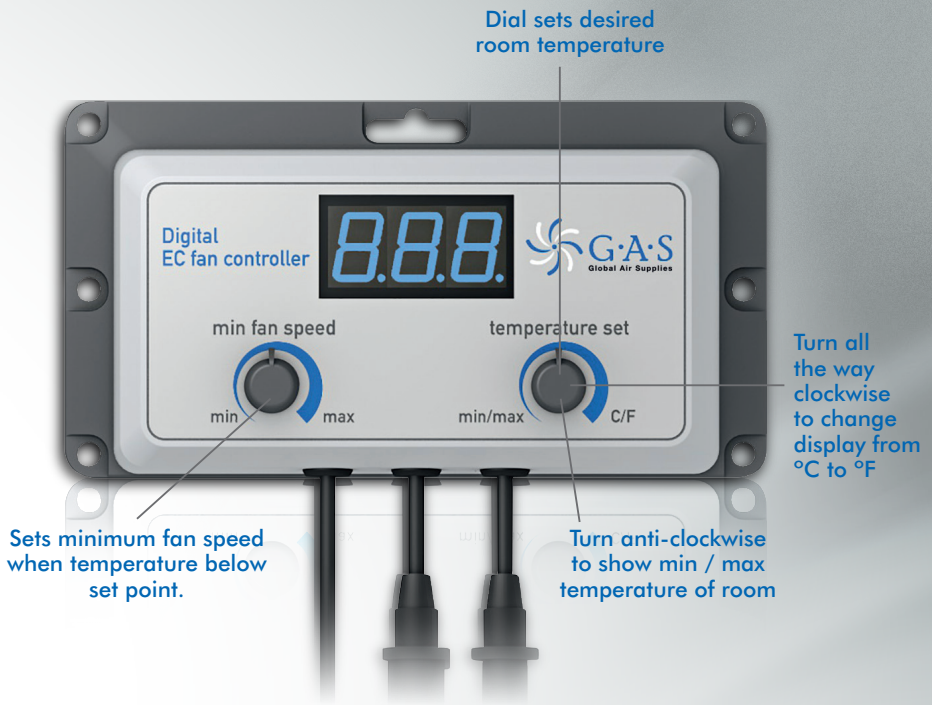
	Revolution Vector 150 EC	Revolution Vector 160 EC	Revolution Vector 200 EC	Revolution Vector 250 EC	Revolution Vector 250L EC
Minimum carbon filter air flow	610m3/h	640m3/h	980m3/h	1100m3/h	1520m3/h
Max. power consumption	77W	77W	117W	120W	165W
Flange Size	149mm	159mm	199mm	249mm	249mm
Max air flow m^3/h	781m3/h	806m3/h	1332m3/h	1822m3/h	2077m3/h

EC CONTROL SYSTEMS

EC Fan Controller

GAS digital EC fan controllers have been specifically designed to control the Revolution Vector fan range. They control the fans correctly through 0-10 volts.

- No humming from the fans
- Save on power cost
- Precise climate room control
- Shows minimum and maximum temperature
- Switch between °C and °F
- Plugs directly onto Vector EC fans



Digital EC Fan Balancer

The Digital EC Fan Balancer allows two fans to be connected to the controller. This allows maximum fan speed control to balance your climate rooms.

RTT
REACTIVE TEMPERATURE TECHNOLOGY

Reactive Temperature Technology (RTT) is a brand new technology developed especially for indoor climate rooms. The controller has a built-in microchip that stands guard over your climate room.

If there is a sudden spike in temperature the controller will react quickly, stabilizing the temperature. Whereas if there is a small rise in temperature, the controller will increase the fan speed gradually. The RTT microchip will also keep the fans adjusting whilst your temperature is higher than your setpoint.

Warning: EC fans should not be controlled through the mains supply.

REVOLUTION
AC STRATOS

The AC Revolution Stratos is an energy-efficient, in-line, mixed flow fan with a 230V AC external rotor motor.

Air flow is increased using aerodynamically optimized impellers and guide vanes, all while producing lower decibels than most other fans on the market. The Stratos Fan can be installed in any position with the mounting bracket.

- One-piece housing so no possible leaks
- No vibration, even on lower speeds
- Superior performance and airflow
- Capability to put fans in series to double pressure
- Silent running
- Maintenance free and reliable quality – Made in Germany
- Speed controllable (triac or voltage)
- Thermal motor protection

Technical Data

	Revolution Stratos 150 AC	Revolution Stratos 160 AC	Revolution Stratos 200 AC	Revolution Stratos 250 AC
Minimum carbon filter air flow	300m3/h	300m3/h	800m3/h	1500m3/h
Max. power consumption	27W	27W	72W	200W
Flange Size	149mm	159mm	199mm	249mm
Max air flow m^3/h	421m3/h	436m3/h	947m3/h	2038m3/h

RVK FANS

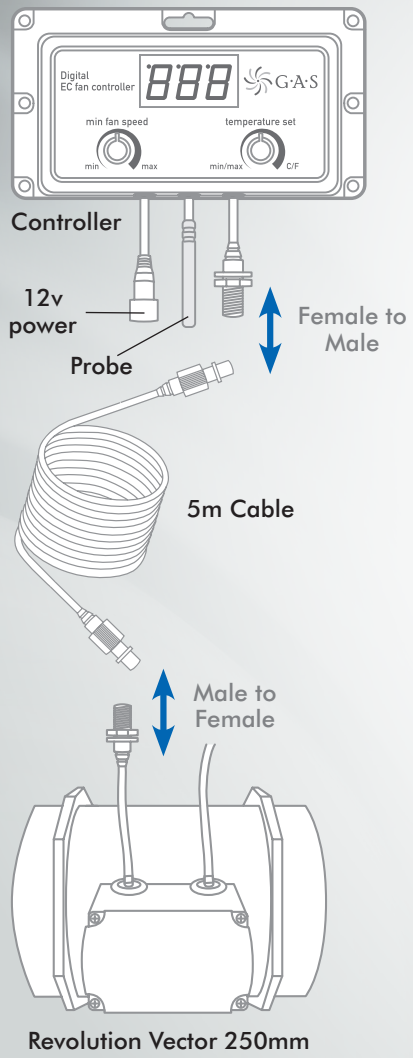
- Speed controllable (triac or voltage)
- Thermal protection
- Energy efficient, backward curved motorised impeller
- Casing made of extremely durable 30% fibre glass reinforced polypropylene
- Suitable to ventilate damp or even wet rooms: motor IP44 rated
- For universal positioning: includes convenient mounting bracket
- Maintenance free and reliable quality – made in Germany
- Meets new ErP Guidelines

Technical Data

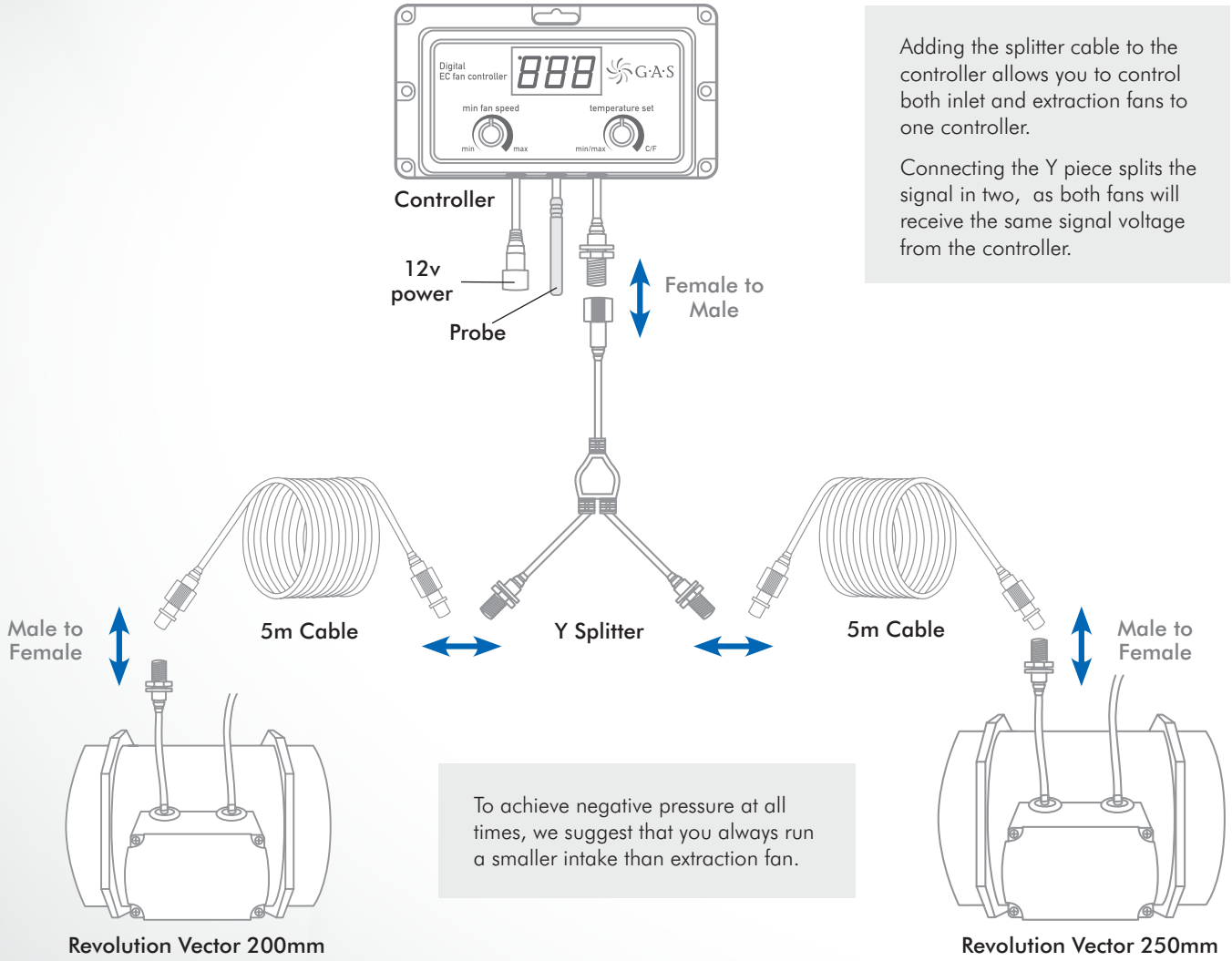
	RVK 100 A1	RVK 125 A1	RVK 125 L1	RVK 150 A1	RVK 150 L1	RVK 200 A1	RVK 200 L1	RVK 250 A1	RVK 250 L1	RVK 315 A1
Max. power consumption	29W	29W	59W	60W	109W	104W	153W	109W	159W	226W
Flange Size	99mm	124mm	124mm	149mm	149mm	199mm	199mm	249mm	249mm	314mm
Max air flow m^3/h	185m3/h	225m3/h	330m3/h	430m3/h	720m3/h	800m3/h	1010m3/h	860m3/h	1100m3/h	1370m3/h

CONNECTING
YOUR REVOLUTION EC FAN

Single Connection



Twin Connection

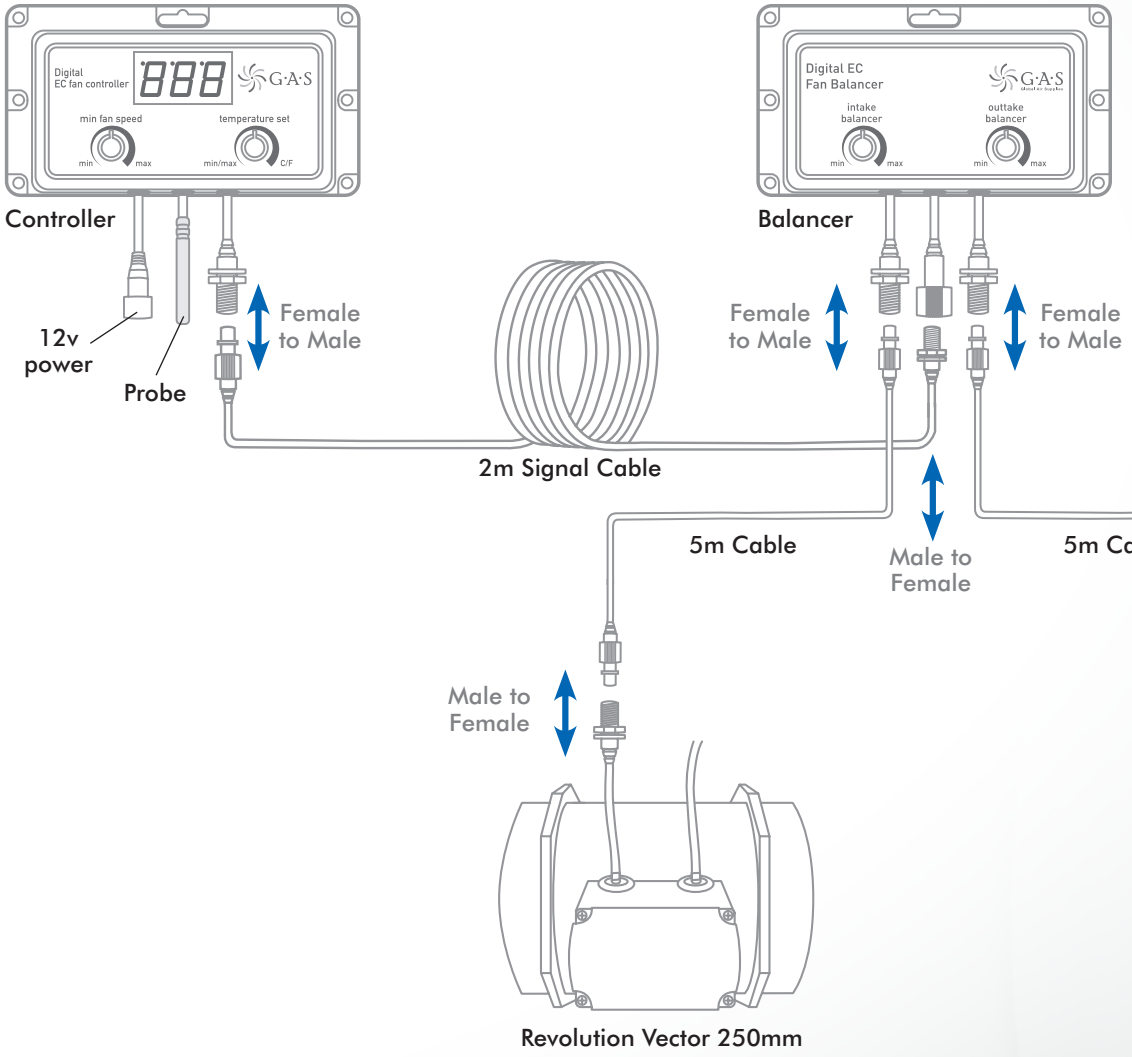


Adding the splitter cable to the controller allows you to control both inlet and extraction fans to one controller.

Connecting the Y piece splits the signal in two, as both fans will receive the same signal voltage from the controller.

To achieve negative pressure at all times, we suggest that you always run a smaller intake than extraction fan.

Connecting your EC Fan Balancer



Connecting the balancer to the controller allows greater control over both inlet and outlet fans.

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