



04

Premium**Power**

VARIABLE SPEED



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PremiumPower (G3)

PREMIUMPOWER IS A HIGHLY FLEXIBLE SERIES DESIGNED FOR CUSTOMERS WHO WANT AN ENERGY-EFFICIENT SOLUTION WITHOUT COMPROMISING ON PERFORMANCE. DELIVERING IMPRESSIVE FAD LEVELS AND BUILT TO RANK AMONG THE BEST IN ITS CLASS, PREMIUMPOWER COMBINES TOP EFFICIENCY, RELIABLE OUTPUT, AND ADVANCED EUROPEAN ENGINEERING. IT IS A SCREW COMPRESSOR RANGE CREATED TO DELIVER MAXIMUM POWER, LONG-TERM VALUE, AND OUTSTANDING RESULTS AT A COMPETITIVE PRICE.

- Power range: **5,5 – 15 kW**
- Variable speed
- Permanent Magnet synchronous IE5 motor
- Various configurations available: standalone, combi, combi dry
- Made in Europe





Why Premium**Power**?



1. MAXIMUM EFFICIENCY & ENERGY SAVINGS

- **IE5 Ultra Premium Efficiency** motor
- Latest generation air-ends for higher airflow with reduced energy use
- Direct-drive transmission for maximum efficiency
- Optimized air and oil circuits
- Equipped with state-of-the-art inverters



2. QUIET OPERATION IN EVERY ENVIRONMENT

- **Low-speed air-ends** and **radial cooling fans** deliver some of the lowest noise levels in the class
- **Soundproof and anti-dust housing** reduces compressor noise significantly during operation. Reduces compressor noise and protects against dust during operation
- **Filter panels** used in up to 3 places of the device allow operation in even the most difficult conditions
- Simplified installation allows placement close to the point of use



3. UNBEATABLE VALUE

- Premium components and outstanding performance – at a price comparable to compressors without an inverter
- The best balance of quality, reliability, and efficiency in its class



4. SMART DIGITAL CONTROL & CYBERSECURITY

- Intuitive interface for effortless operation
- Real-time monitoring and predictive diagnostics
- Clear error messages thanks to full inverter integration
- Secure webserver for remote access and visualization
- Simplifies service, increases reliability, extends lifetime



5. LOWER TOTAL COST OF OWNERSHIP (TCO)

- Energy efficiency ensures less electricity is needed for the same air output.
- Premium components provide reliability, reduce maintenance costs, and maximize performance.
- Lower maintenance costs due to a service interval of 2000 Wh or once a year.
- Perfectly developed service plan, simple and understandable.



6. COMPACT & MODULAR DESIGN

- Designed for maximum performance and reliability
- Space-saving format allows easy installation even in limited areas



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Precision in every detail

IE5 Ultra Premium Efficiency motor with air-end

IE5 Ultra Premium Efficiency motor directly connected with latest generation air-ends for higher airflow

„In-house“ air-ends

The air-ends are fully designed and manufactured in Europe, ensuring outstanding reliability and efficiency.

Inverter with text-based control

In combination with Permanent Magnet Motors, the highest quality inverter ensures maximum efficiency and Energy savings, through the entire speed and load range.



QUIET OPERATION IN EVERY ENVIRONMENT

RADIAL VENTILATION

Combines the highest cooling efficiency with reduced energy consumption and very low noise levels. The ventilator layout depends on the model, with options for side or top positioning.



ADDITIONAL INTERNAL FAN

Additional air flow into the interior of the device expels warm air from the cabinet to the outside, helping to ventilate the device and its internal components





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AirVision Controller with webserver

Models up to 15 kW use the AirVision One controller, while PowerPremium compressors with higher power ratings are equipped with the AirVision Pro

The AirVision Controller is an intelligent, user-friendly system designed for optimal compressor control. With advanced features such as multifunctionality, remote monitoring via webserver, and intuitive design, it ensures efficiency, ease of use, and seamless integration.

MULTIFUNCTIONALITY

Includes inverter integration, auto-restart, work calendar, and SCADA compatibility.

WEBSERVER

Enables remote diagnostics and updates.

INTUITIVE DESIGN

Ergonomic interface for simple configuration and navigation.

MASTER & SLAVE NETWORK

Control multiple units within a network.

PERFECTLY TAILORED FOR MODERN INDUSTRIAL NEEDS, THE AIRVISION CONTROLLER ENSURES HIGH PERFORMANCE AND RELIABILITY.





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Maximum efficiency with PremiumPower

The inverter, installed in the control cabinet, enables **dynamic regulation of the motor speed.**

- Constantly adapts compressor output to actual demand
- Eliminates current surges with soft start-up
- Minimizes idle running and reduces operating cycles
- Lower energy consumption and reduced operating costs

Energy efficiency and sustainability are more important than ever.

The PremiumPower inverter series is designed to minimize energy waste, reduce operating costs, and support a greener future – without compromising on performance.





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Technical **specification**

Standalone version

*The 13-bar version can be upgraded

MODEL	MOTOR POWER (HP / KW)	MINIMUM FREE AIR DELIVERY (L/MIN) (FOR VARIABLE RPM)	FREE AIR DELIVERY AT 8 BAR (L/MIN) (FOR VARIABLE RPM)	FREE AIR DELIVERY AT 10 BAR (L/MIN) (FOR VARIABLE RPM)	PRESSURE RANGE (BAR)	NOISE LEVEL DB(A)	PUMP SPEED MAX. (RPM)
PREMIUMPOWER 10	10 / 7.5	377	1250	1081	5 - 10	60	3880
PREMIUMPOWER 15	15 / 11	591	1701	1579	5 - 10	63	3960
PREMIUMPOWER 20	20 / 15	1100	2421	2164	5 - 10	65	3720
PREMIUMPOWER 25*	25/18,5	923	3258	2828	5 - 10	65	2700
PREMIUMPOWER 30*	30/22	923	4020	3585	5 - 10	65	3300
PREMIUMPOWER 40*	40/30	1616	5260	4544	5 - 10	67	2400
PREMIUMPOWER 50*	50/37	1616	6633	5927	5 - 10	67	3000



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Weight

MODEL NAME	STANDALONE	COMBI 270L	COMBI DRY 270 L	COMBI 500L	COMBI DRY 500 L
PREMIUMPOWER 10	172 kg	220 kg	245 kg	255 kg	280 kg
PREMIUMPOWER 15	245 kg	220 kg	255 kg	325 kg	360 kg
PREMIUMPOWER 20	255 kg	340 kg	390 kg	410 kg	460 kg
PREMIUMPOWER 25	550 kg	-	-	-	-
PREMIUMPOWER 30	550 kg	-	-	-	-
PREMIUMPOWER 40	797 kg	-	-	-	-
PREMIUMPOWER 50	797 kg	-	-	-	-



Dimensions

MODEL NAME	PremiumPower 10	PremiumPower 10 COMBI/ COMBI DRY 270 L	PremiumPower 10 COMBI/ COMBI DRY 500 L	PremiumPower 15 - 20	PremiumPower 15 - 20 COMBI/ COMBI DRY 270 L	PremiumPower 15 - 20 COMBI/ COMBI DRY 500 L	PremiumPower 25 - 30	PremiumPower 40 - 50
Length (mm)	840	1630	1945	1000	1645	1945	1350	1600
Width (mm)	625	630	630	670	676	676	835	1052
Height (mm)	870	1525	1620	1195	1765	1940	1375	1660



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Advanced configuration

ADDITIONAL OPTIONS FOR THE PREMIUMPOWER SERIES ALLOW YOU TO ADAPT THE COMPRESSOR TO SPECIFIC INSTALLATIONS AND WORKING CONDITIONS, INCREASING CONTROL, EFFICIENCY, AND RELIABILITY OF THE ENTIRE SYSTEM. THE FOLLOWING EQUIPMENT EXTENSIONS ARE AVAILABLE.

Optional equipment

AirVision Touch controller

Heat exchanger

Oil heater

Linear air filters

- Electricity consumption measurement system
- Air temperature sensor
- Automatic condensate drain
- Compressed air flow and consumption sensor
- Dew point measurement (PDP)

