

BOOSTER INDUSTRIAL COMPRESSORS



High and mid pressure booster
for technical gases

Application



**A profoundly Italian company,
Coltri began building high-pressure
scuba diving compressors in 1963.**

The company soon expanded into other fields, including firefighting compressors and industrial gas compressors. Today we are once again looking in a new direction.

Ongoing advances in design and manufacture are at the very core of our identity: more than fifty years of continuous development have enabled us to engineer equipment that now sets the benchmark for the industry worldwide. Our commitment to research and development has enabled us to shift from consuming the latest technology to becoming key players ourselves in advancing technology in the industry. We use all the latest tools, such as robots and digitally controlled machining centers, to manufacture increasingly reliable, efficient and durable products.

Every component in our pump units was designed and engineered in Coltri's workshops and is the result of careful research and extensive testing. We assemble all our compressors in their entirety within our company according to rigorous quality standards. Exceptionally high-precision machinery, such as ZEISS® tools, play a key role in dimensional metrology. This enables us to determine the geometric characteristics of our components and accurately gauge how they will perform when used in more complex units.

Our focus and constant growth, steered by standards of excellence, have earned us internationally recognized certifications of quality that reflect our dedication and commitment.

We like to think of ourselves as facilitators. We build our machines to make it simpler to take on challenges, overcome limits and imagine new possibilities. Whether it's for a hobby, an industrial application or an emergency response service, Coltri Compressors is there to raise the bar higher, to help you reach uncharted territory.



Discover our construction quality.
Scan the QR code to watch the video.

Constant evolution in design and manufacturing has become the core element of our identity.

Research, development, production and assembly take place in the 8,000 square meters of the headquarters thanks to our human value.

From Desenzano del Garda, the Company is a byword for Made In Italy quality, reaching 130 countries around the world every day. Research, development, production and assembly in our 8000 m² plant revolve around the "Coltri human value": over 50 technicians committed to overcoming new challenges in performance, silence, durability, and innovation. To meet these challenges, the company uses the most

advanced instruments, including robots and numerically controlled machine tools, to create products that are ever more reliable, efficient and effective. To ensure our after-sales service is on a par with our product line, customers can avail of our a spare parts warehouse for ordinary and extraordinary maintenance, and courtesy compressors to cover any contingency.



Discover MCH 6 Pumping unit evolution.

Scan QR code.



Visit Coltri Compressors in Virtual Reality.

Scan QR code.



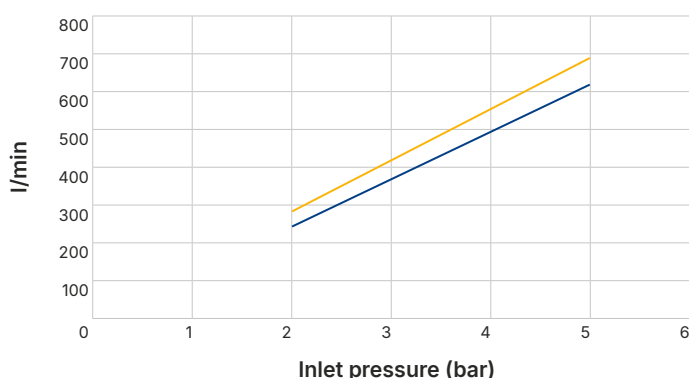


Quality comes as standard.

Coltri Compressors:
where experience and passion
merge to create excellence.

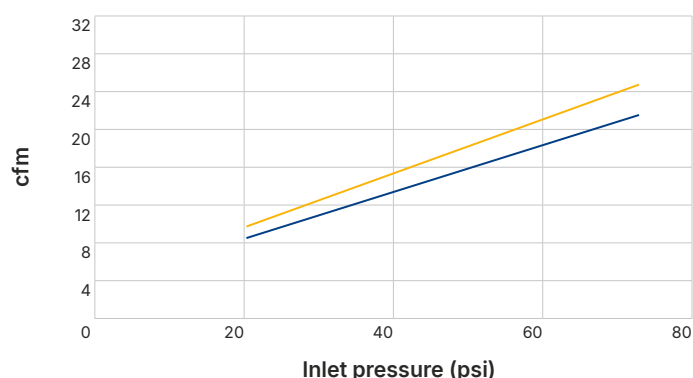
ACE V Zero Loss

Electric



ACE V 11 KW ZERO LOSS

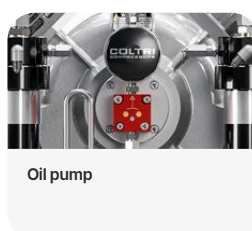
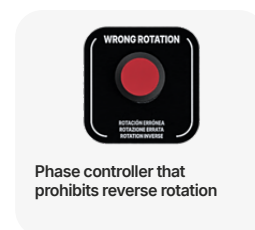
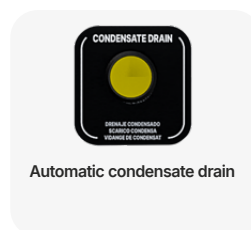
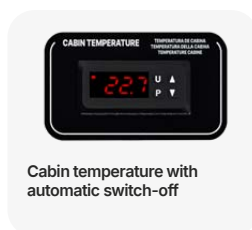
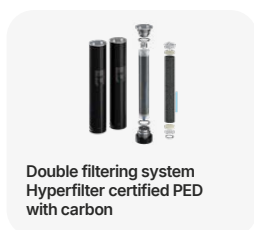
l/min Min. 250 - Max. 620
cfm Min. 8,8 - Max. 21,9



ACE V 15 KW ZERO LOSS

l/min Min. 280 - Max. 690
cfm Min. 9,9 - Max. 24,4

Standard equipments



Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 2 bar Max. 5 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	11 KW	15 KW
Flow rate	Min. 250 - Max. 620 l/min Min. 15 - Max. 37 m³/h Min. 8.8 - Max. 21.9 cfm	Min. 280 - Max. 690 l/min Min. 17 - Max. 41.4 m³/h Min. 9.9 - Max. 24.4 cfm
Purification system	2 Hyperfilter with activated carbon	
Cooling air flow	3.960 m³/h	4.450 m³/h
Weight ¹	365 kg - 804 lb	455 kg - 1.003 lb
Dimensions (W x D x H) ¹	90,5 x 105,2 x 153 cm - 35.6 x 41.4 x 60.2 in	

¹ Standard model. Dimensions and weight may vary depending on accessories.

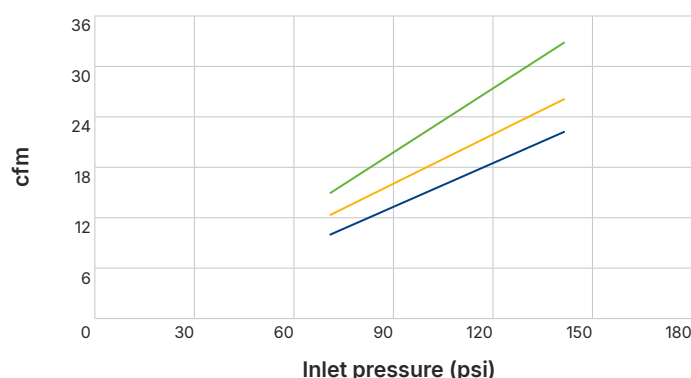
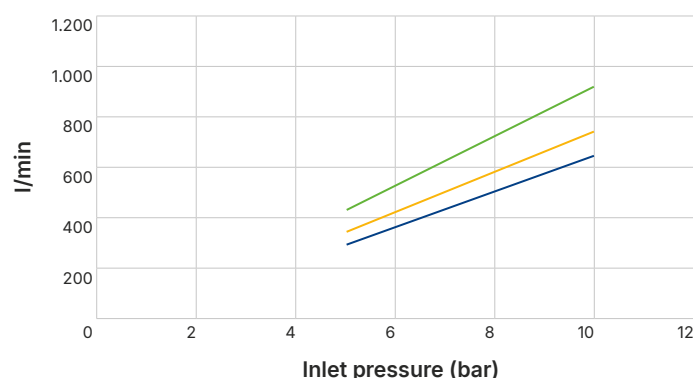
Electric motor

	11 KW	15 KW
Type	Three-phase electric	
Power	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz	
Rated current	23 A	31 A
Speed (RPM)	2.910	2.920
Protection class	IP55	

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

ACE V PLUS

Electric



850 RPM

l/min Min. 292 - Max. 643
cfm Min. 10.3 - Max. 22.7

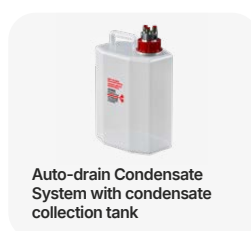
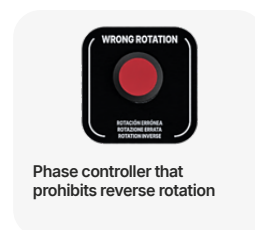
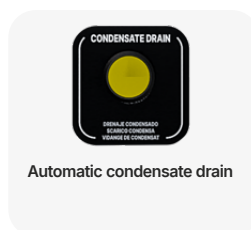
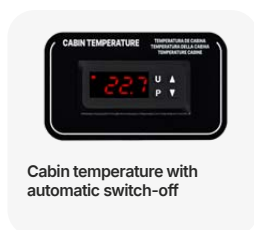
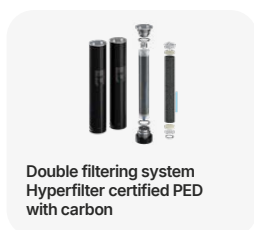
1.000 RPM

l/min Min. 344 - Max. 756
cfm Min. 12.1 - Max. 26.7

1.250 RPM

l/min Min. 430 - Max. 945
cfm Min. 15.2 - Max. 33.4

Standard equipments



Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 5 bar Max. 10 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	850 RPM	1.000 RPM	1.250 RPM
Flow rate	Min. 292 - Max. 643 l/min Min. 18 - Max. 39 m³/h Min. 10.3 - Max. 22.7 cfm	Min. 344 - Max. 756 l/min Min. 21 - Max. 45 m³/h Min. 12.1 - Max. 26.7 cfm	Min. 430 - Max. 945 l/min Min. 26 - Max. 57 m³/h Min. 15.2 - Max. 33.4 cfm
Purification System	2 Hyperfilter with activated carbon		
Cooling air flow	2.700 m³/h	3.170 m³/h	3.960 m³/h
Weight ¹	455 kg - 1.003 lb	455 kg - 1.003 lb	465 kg - 1.025 lb
Dimensions (W x D x H) ¹	90,5 x 105,2 x 153 cm - 35.6 x 41.4 x 60.2 in		

¹ Standard model. Dimensions and weight may vary depending on accessories.

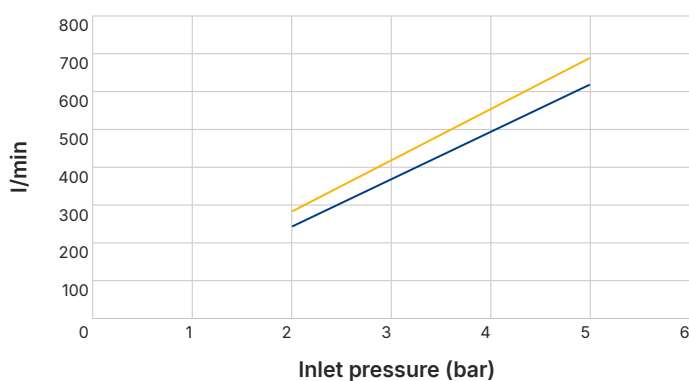
Electric motor

	850 RPM	1.000 RPM	1.250 RPM
Type	Three-phase electric		
Power	9 kW - 12.5 Hp	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz		
Rated current	18,8 A	23 A	31 A
Speed (RPM)	2.880	2.910	2.920
Protection class	IP55		

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

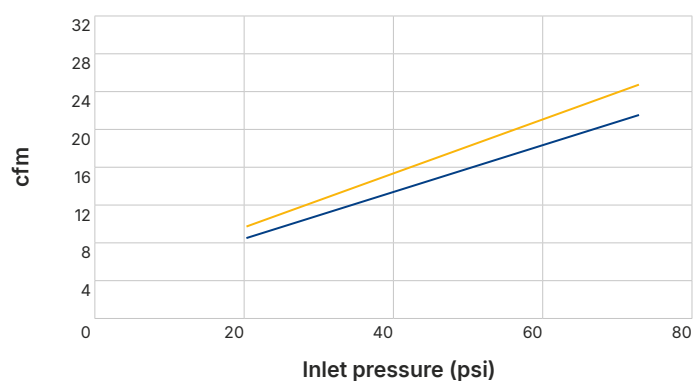
ACE VI Zero Loss

Electric



ACE VI 11 KW ZERO LOSS

l/min Min. 250 - Max. 620
cfm Min. 8,8 - Max. 21,9



ACE VI 15 KW ZERO LOSS

l/min Min. 280 - Max. 690
cfm Min. 9,9 - Max. 24,4

Standard equipments



Interstage control gauges



Double filtering system
Hyperfilter certified PED
with carbon



Cabin temperature with
automatic switch-off



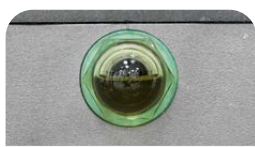
Automatic condensate drain



Phase controller that
prohibits reverse rotation



Electronic pressure switch
with automatic switch-off



Oil sight glass with autostop



Oil pump



Auto-drain Condensate
System with condensate
collection tank



Frame colour black
RAL 9005

Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 2 bar Max. 5 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	11 KW	15 KW
Flow rate	Min. 250 - Max. 620 l/min Min. 15 - Max. 37 m³/h Min. 8.8 - Max. 21.9 cfm	Min. 280 - Max. 690 l/min Min. 17 - Max. 41.4 m³/h Min. 9.9 - Max. 24.4 cfm
Purification System	2 Hyperfilter with activated carbon	
Cooling air flow	3.960 m³/h	4.450 m³/h
Weight ¹	373 kg - 943 lb	463 kg - 1.020 lb
Dimensions (W x D x H) ¹	93,5 x 130,2 x 175,3 cm - 36.8 x 51.3 x 68.3 in	

¹ Standard model. Dimensions and weight may vary depending on accessories.

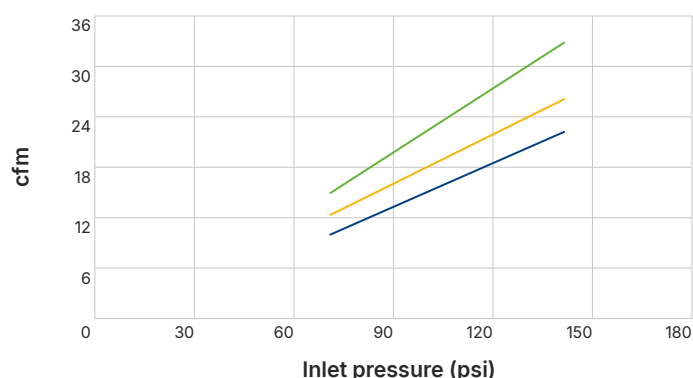
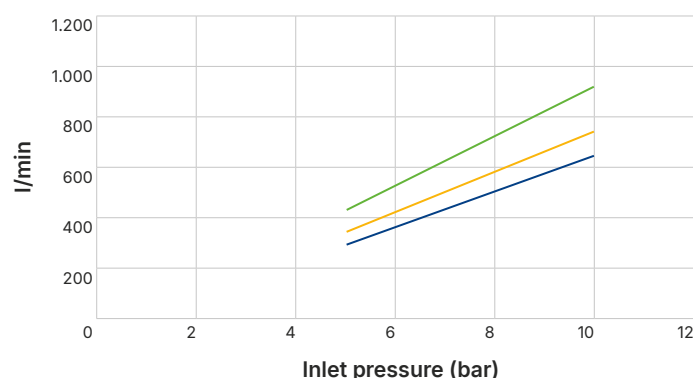
Electric motor

	11 KW	15 KW
Type	Three-phase electric	
Power	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz	
Rated current	23 A	31 A
Speed (RPM)	2.910	2.920
Protection class	IP55	

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

ACE VI PLUS

Electric



850 RPM

l/min Min. 292 - Max. 643
cfm Min. 10.3 - Max. 22.7

1.000 RPM

l/min Min. 344 - Max. 756
cfm Min. 12.1 - Max. 26.7

1.250 RPM

l/min Min. 430 - Max. 945
cfm Min. 15.2 - Max. 33.4

Standard equipments



Interstage control gauges



Double filtering system
Hyperfilter certified PED
with carbon



Cabin temperature with
automatic switch-off



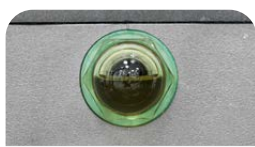
Automatic condensate drain



Phase controller that
prohibits reverse rotation



Electronic pressure switch
with automatic switch-off



Oil sight glass with autostop



Oil pump



Auto-drain Condensate
System with condensate
collection tank



Frame colour black
RAL 9005

Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 5 bar Max. 10 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	850 RPM	1.000 RPM	1.250 RPM
Flow rate	Min. 292 - Max. 643 l/min Min. 18 - Max. 39 m³/h Min. 10.3 - Max. 22.7 cfm	Min. 344 - Max. 756 l/min Min. 21 - Max. 45 m³/h Min. 12.1 - Max. 26.7 cfm	Min. 430 - Max. 945 l/min Min. 26 - Max. 57 m³/h Min. 15.2 - Max. 33.4 cfm
Purification System	2 Hyperfilter with activated carbon		
Cooling air flow	2.700 m³/h	3.170 m³/h	3.960 m³/h
Weight ¹	373 kg - 943 lb	373 kg - 943 lb	463 kg - 1.020 lb
Dimensions (W x D x H) ¹	93,5 x 130,2 x 175,3 cm - 36.8 x 51.3 x 68.3 in		

¹ Standard model. Dimensions and weight may vary depending on accessories.

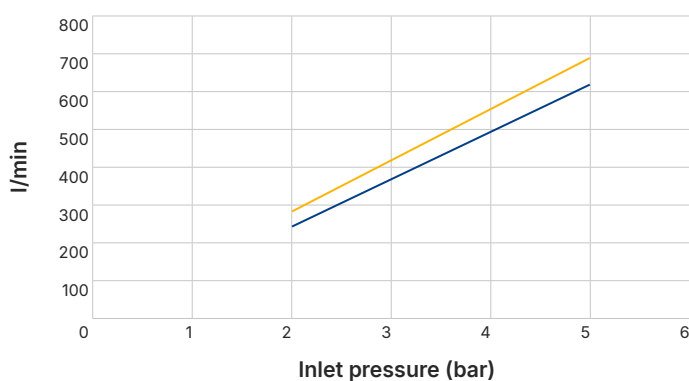
Electric motor

	850 RPM	1.000 RPM	1.250 RPM
Type	Three-phase electric		
Power	9 kW - 12.5 Hp	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz		
Rated current	18,8 A	23 A	31 A
Speed (RPM)	2.880	2.910	2.920
Protection class	IP55		

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

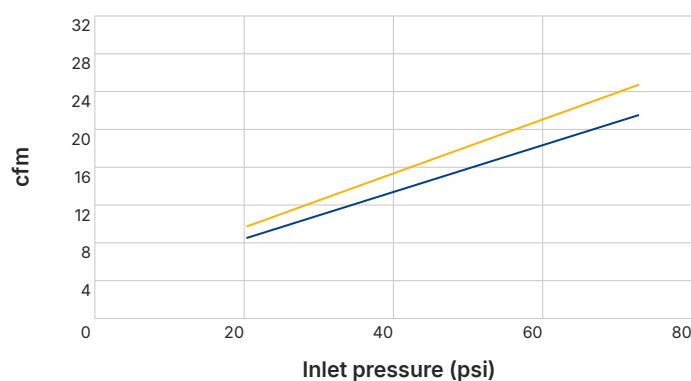
ACE VII Zero Loss

Electric



ACE VII 11 KW ZERO LOSS

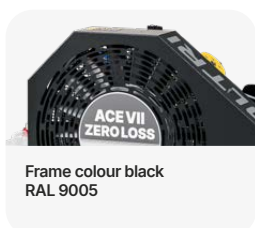
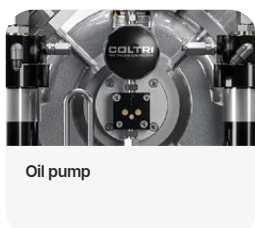
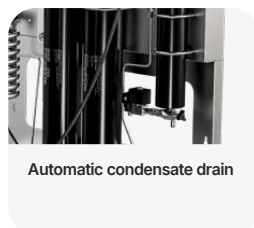
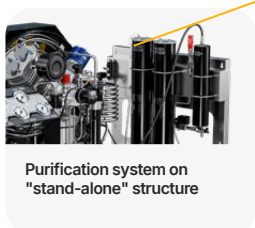
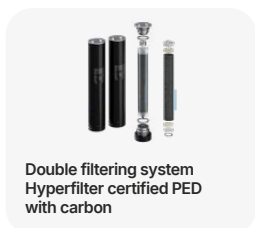
l/min Min. 250 - Max. 620
cfm Min. 8,8 - Max. 21,9



ACE VII 15 KW ZERO LOSS

l/min Min. 280 - Max. 690
cfm Min. 9,9 - Max. 24,4

Standard equipments



Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 2 bar Max. 5 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	11 KW	15 KW
Flow rate	Min. 250 - Max. 620 l/min Min. 15 - Max. 37 m³/h Min. 8.8 - Max. 21.9 cfm	Min. 280 - Max. 690 l/min Min. 17 - Max. 41.4 m³/h Min. 9.9 - Max. 24.4 cfm
Purification System	2 Hyperfilter with activated carbon	
Cooling air flow	3.960 m³/h	4.450 m³/h
Weight ¹	225 kg - 496 lb	
Dimensions (W x D x H) ¹	115 x 60 x 79,6 cm - 45.3 x 23.6 x 31.3 in	

¹ Standard model. Dimensions and weight may vary depending on accessories.

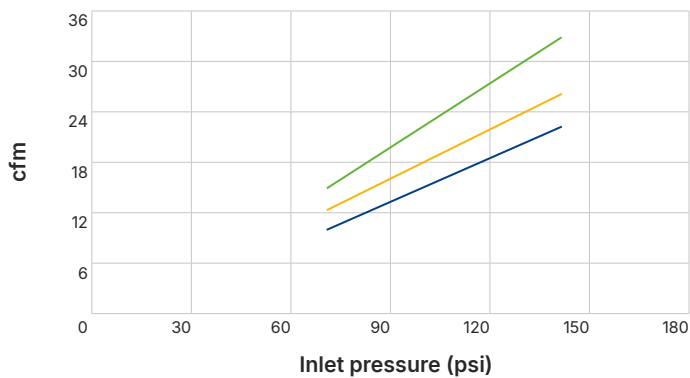
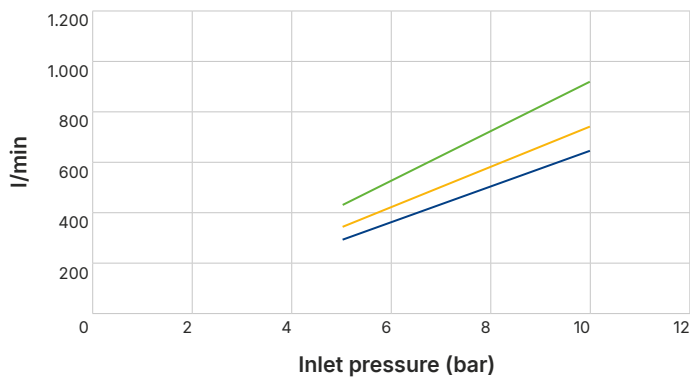
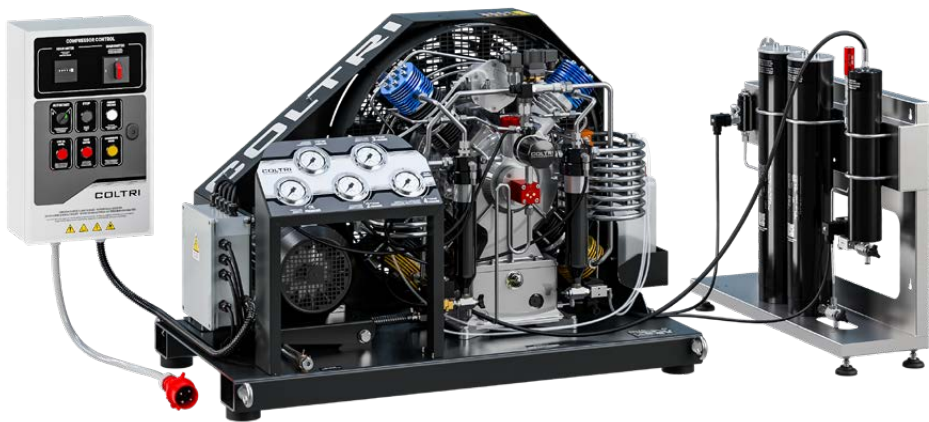
Electric motor

	11 KW	15 KW
Type	Three-phase electric	
Power	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz	
Rated current	23 A	31 A
Speed (RPM)	2.910	2.920
Protection class	IP55	

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ACE VII PLUS

Electric



850 RPM

l/min Min. 292 - Max. 643
cfm Min. 10.3 - Max. 22.7

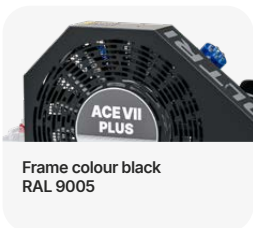
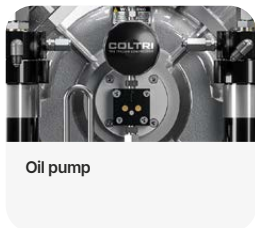
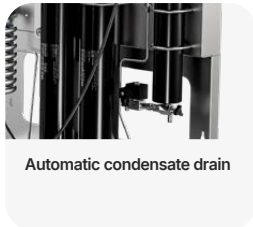
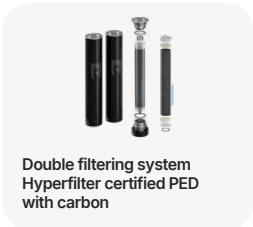
1.000 RPM

l/min Min. 344 - Max. 756
cfm Min. 12.1 - Max. 26.7

1.250 RPM

l/min Min. 430 - Max. 945
cfm Min. 15.2 - Max. 33.4

Standard equipments



Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 5 bar Max. 10 bar
Filling pressure	232 bar / 300 bar
Maximum working pressure	420 bar

Compressor

	850 RPM	1.000 RPM	1.250 RPM
Flow rate	Min. 292 - Max. 643 l/min Min. 18 - Max. 39 m³/h Min. 10.3 - Max. 22.7 cfm	Min. 344 - Max. 756 l/min Min. 21 - Max. 45 m³/h Min. 12.1 - Max. 26.7 cfm	Min. 430 - Max. 945 l/min Min. 26 - Max. 57 m³/h Min. 15.2 - Max. 33.4 cfm
Purification System	2 Hyperfilter with activated carbon		
Cooling air flow	2.700 m³/h	3.170 m³/h	3.960 m³/h
Weight ¹	225 kg - 496 lb		
Dimensions (W x D x H) ¹	115 x 60 x 79,6 cm - 45.3 x 23.6 x 31.3 in		

¹ Standard model. Dimensions and weight may vary depending on accessories.

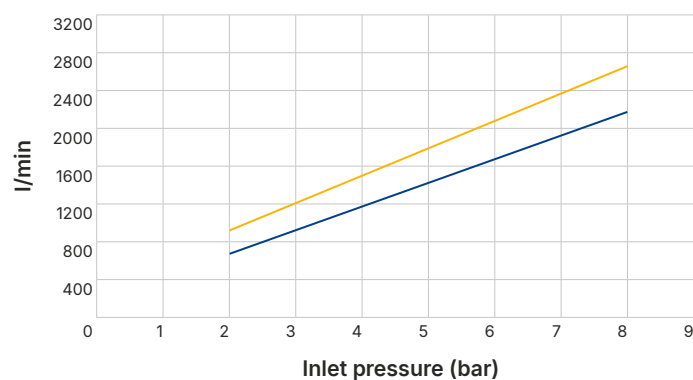
Electric motor

	850 RPM	1.000 RPM	1.250 RPM
Type	Three-phase electric		
Power	9 kW - 12.5 Hp	11 kW - 15 Hp	15 kW - 20 Hp
Operating voltage/frequency Different voltage / frequency available on request.	400 V - 50 Hz		
Rated current	18,8 A	23 A	31 A
Speed (RPM)	2.880	2.910	2.920
Protection class	IP55		

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

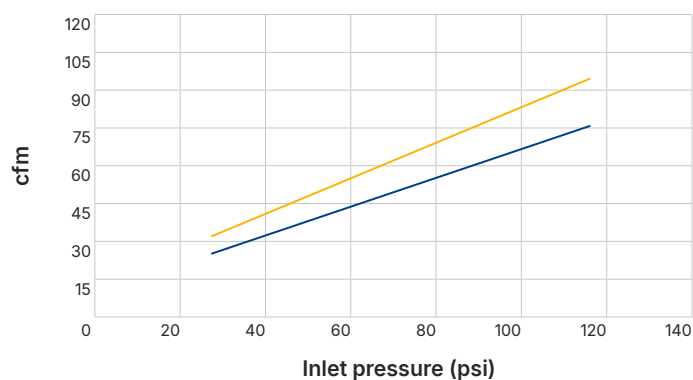
BOOSTER INDY VII

Electric



BOOSTER INDY VII 11 KW

l/min Min. 721 - Max. 2.163
cfm Min. 25,5 - Max. 76,4



BOOSTER INDY VII 15 KW

l/min Min. 901 - Max. 2.703
cfm Min. 31,9 - Max. 95,5

Technical data

Type of gas	Air - Nitrogen
Intake pressure	Min. 2 bar Max. 8 bar
Filling pressure	40 bar

Compressor

	11 KW	15 KW
Flow rate	Min. 721 - Max. 2.163 l/min Min. 43 - Max. 130 m³/h Min. 25.5 - Max. 76.4 cfm	Min. 901 - Max. 2.703 l/min Min. 54 - Max. 162 m³/h Min. 31.9 - Max. 95.5 cfm
Cooling air flow	1.570 m³/h	1.960 m³/h
Weight ¹	225 kg - 496 lb	
Dimensions (W x D x H) ¹	115 x 60 x 79,6 cm - 45.3 x 23.6 x 31.3 in	

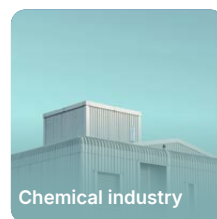
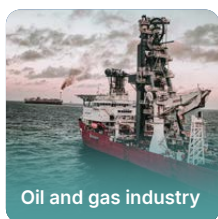
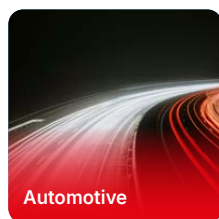
¹ Standard model. Dimensions and weight may vary depending on accessories.

Electric motor

	11 kW	15 kW
Type	Three-phase electric	
Power	11 kW - 14.8 Hp	15 kW - 20 Hp
Operating voltage/frequency	400 V - 50 Hz	
Different voltage / frequency available on request.		
Rated current	23 A	31 A
Speed (RPM)	2.910	2.920
Protection class	IP55	

The IP55 protection class, compliant with IEC 60034-5, guarantees protection against dust deposits and water jets from any direction.

Application fields



Aerotecnica Coltri S.p.A.

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