

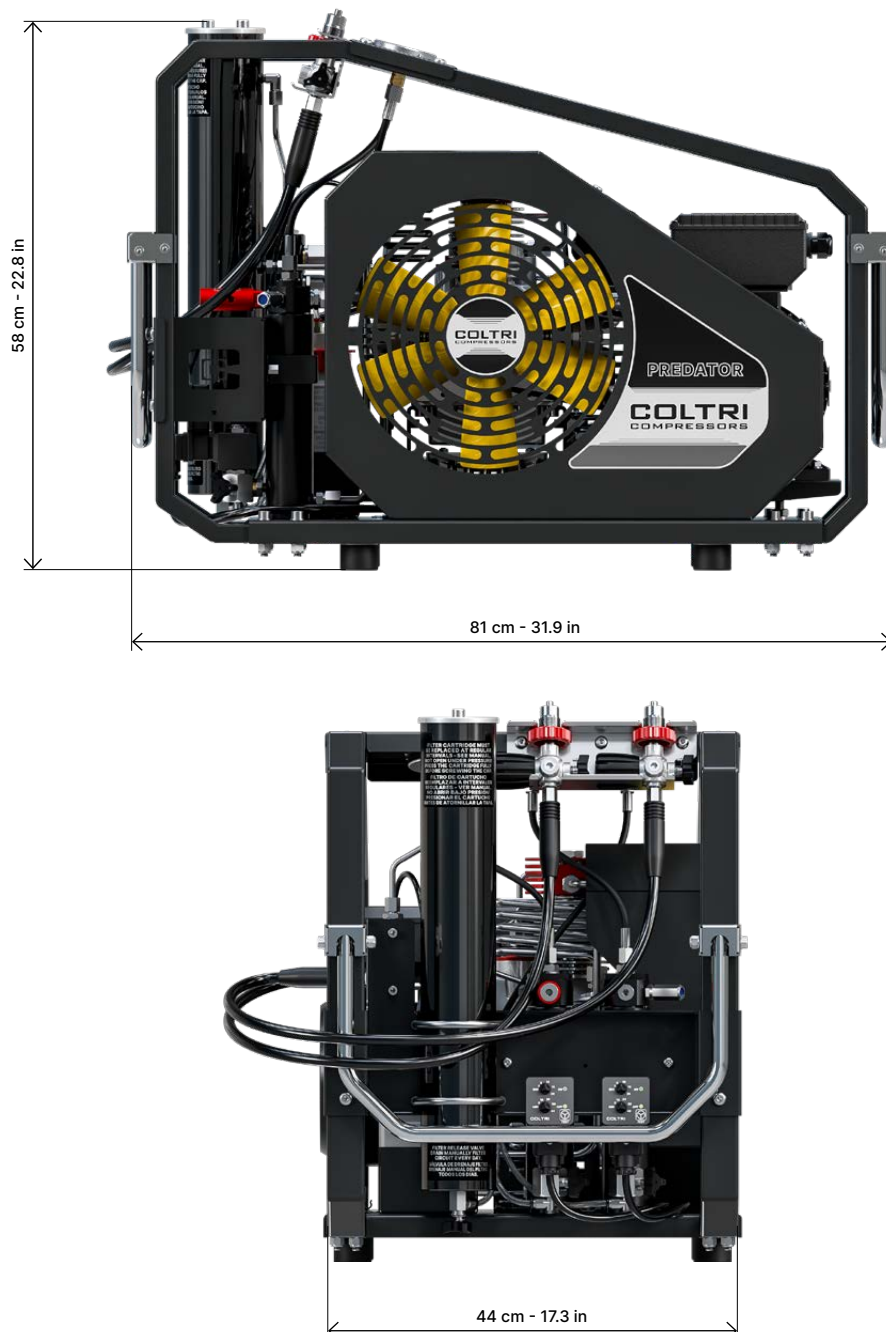
PORTABLES LINE
PREDATOR



Contact

Compact power, relentless performance

The new **PREDATOR** by Coltri Compressors expands the Portable Line, delivering top-tier performance in a compact design. With an air flow rate of 140 l/min and a 3 kW single-phase or three-phase motor, it ensures efficiency and reliability anywhere. Equipped with automatic condensate drain and auto-stop, it features the new MCH 7 three-stage pumping unit and the Maxifilter purification system for consistently clean air. Ergonomic handles make transportation easy, while the optional C-Monitor allows real-time monitoring of the final filter and oil change. Powerful, compact, and smart, **PREDATOR** is ready for any challenge.



Technical data

Type of gas	Breathing air EN 12021
Intake pressure	Atmospheric / max 300 millibar
Working pressure	230 bar / 330 bar
Max working pressure	350 bar
Permissible ambient temperature range	-10° C ÷ +40° C
Permissible altitude	0 ÷ 2.000 m SLM
Max permissible tilt	6°
Oil	Synthetic Coltri Oil ST 755
Oil change interval	1 year / 50 h
Frame	Steel - colour Black RAL 9005 - Powder coating painting - scratch proof

Compressor

	140 EM FA	140 ET FA
Charging rate Measured during 10 liters cylinder filling from 0-200 bar tolerance +/- 5% at + 20 ° C ambient temperature.	140 l/min 8,4 m³/h 5 cfm	
Purification System	Maxifilter	
Cooling air flow	792 m³/h	
Weight¹	79 kg / 174.2 lb	75 kg / 165.3 lb
Dimensions (W x D x H)¹	81 × 44 × 58 cm - 31.9 × 17.3 × 22.8 in	

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

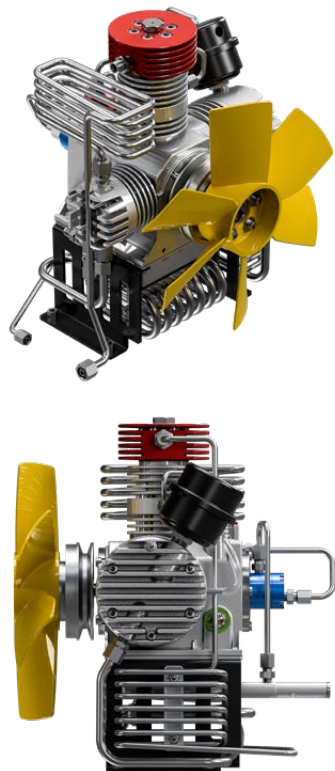
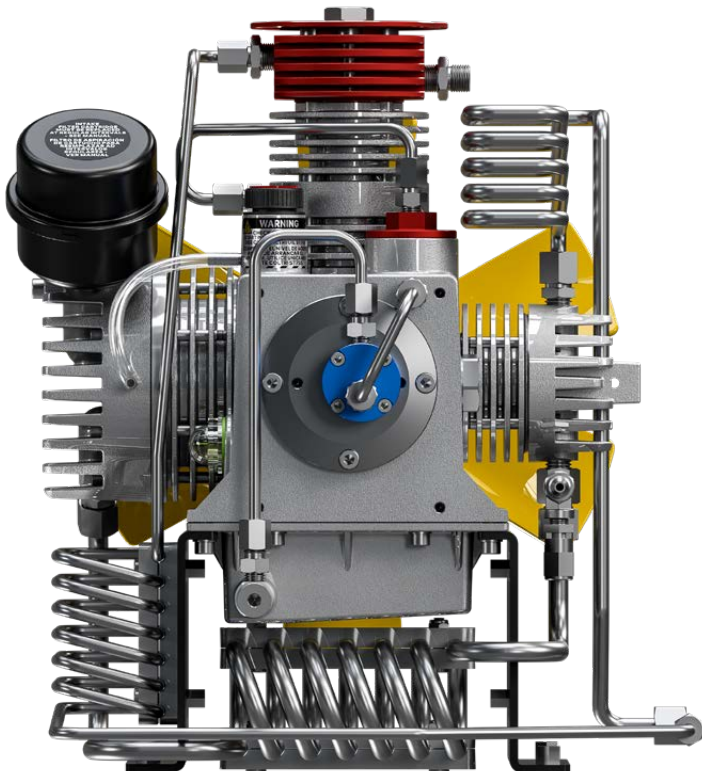
Electric motor

	140 EM FA		140 ET FA	
Type	Single-phase electric		Three-phase electric	
Power	3 kW - 4 Hp			
Operating voltage/frequency Different voltage / frequency available on request.	230 V, 50 Hz	230 V, 60 Hz	400 V, 50 Hz	440 V, 60 Hz
Rated current	20 A		7,7 A	
Speed (RPM)	2.800	3.400	2.840	3.410
Protection class	IP55			

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

Technical data pumping unit MCH 7

	140 EM FA	140 ET FA
Charging rate Measured during 10 liters cylinder filling from 0-200 bar tolerance +/- 5% at + 20 ° C ambient temperature.	140 l/min 8,4 m³/h 5 cfm	
Speed (RPM)	2.250	
Number of stages	3	
Number of cylinders	3	
Cylinder bore 1st stage	78 mm	
Cylinder bore 2nd stage	32 mm	
Cylinder bore 3rd stage	14 mm	
Stroke	20 mm	
Direction of rotation (from flywheel side)	Clockwise (right)	
Drive type	V-belt A type	
Intermediate pressure 1st stage	~ 4,5 bar	
Intermediate pressure 2nd stage	~ 16 bar	
Amount of oil	1 liter	
Max intake pressure	1,3 bar (absolute) / 300 millibar - 4,35 psi	





Standard equipment

Purification system Maxifilter

MAXIFILTER cartridge repackable or disposable



Purification system	Maxifilter
Operating pressure (Standard)	250 bar / 330 bar / 360 bar
Operating pressure max. (PS)	420 bar
Processable air capacity (air inlet temperature in the filter 20° C at 300 bar) ¹	890 m ³

¹ When using a filter cartridge without HOPCALITE CO CATALYST.
If a cartridge with CO removal is used, the process air capacity is reduced by about 20%.

Condensate separation system

- Interstage separator after 2nd stage
- Final separator for the removal of oil/water condensate
- Final safety valve, fitted to separator housing
- Pressure maintaining/non return valve



Contamination	Maximum content as per DIN EN 12021:2014	Air quality*
H ₂ O	25 mg/m	≤ 10 mg/m
CO	5 ppm(v)	≤ 4
CO ₂	500 ppm(v)	≤ 500
Oil	0,5 mg/m	≤ 0,5 mg/m

* Measured at our facility using ASCO HORA 160 ANALYZER.

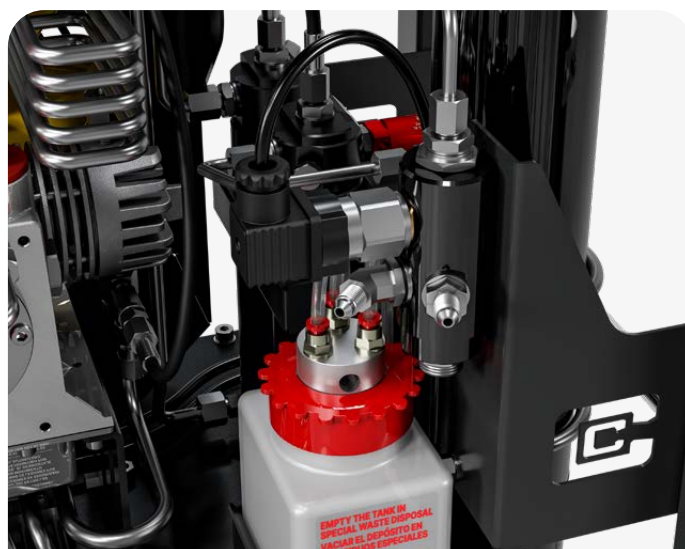
- Only with special filter cartridge with HOPCALITE CO CATALYST. and up to a maximum concentration of 25 ppm CO in intake air. The compressed clean breathing air then contains a maximum of 5 ppm CO.
- The level of CO₂ in the intake air must not exceed the maximum level of CO₂ as per EN 12021:2014.
- Reported values exceed standards:
 - ISO 8573-1 class 3 for particles
 - ISO 8573-1 class 1 for humidity
 - ISO 8573-1 class 1 for oil

Filling connection

2 Filling connection to choose from: DRV DIN 232 bar, INT/YOKE DRV 232 bar and DRV DIN 300 bar.



Automatic condensate drain with timer



Autostop

Optional

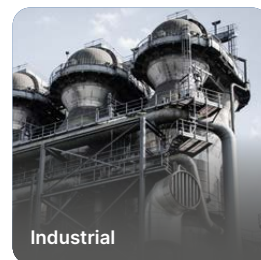
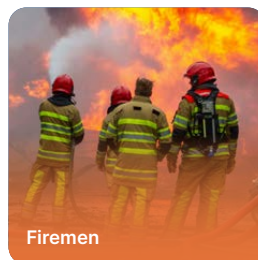
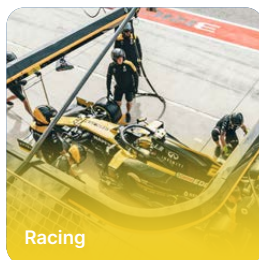
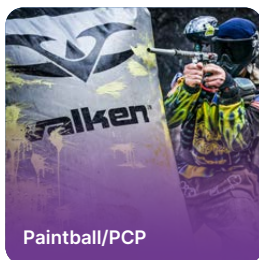
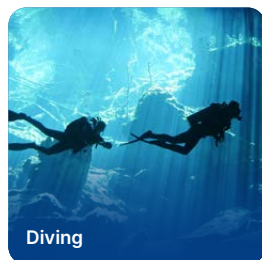


C-Monitor



Stainless steel frame

Application fields



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