

Portables line

ICON LSE

Electric

CERTIFICATION: CE UNI EN ISO 9001:2015





Technical data

Type of gas	Breathing air EN 12021 - Nitrox 40% max O2 - Helium - Nitrogen
Intake pressure	Atmospheric max 300 mbar
Nominal pressure	230 bar / 330 bar
Filling pressure	230 bar / 330 bar
Max working pressure	330 bar
Permissible ambient temperature range	-10° C ÷ +40° C
Permissible altitude	0 ÷ 2.000 m SLM
Max permissible tilt	6°
Design	Basic
Operating voltage, standard	400 V; 50 Hz
Other operating voltage	230 V, 50 Hz / 440 V, 60 Hz / 230 V, 60 Hz
Oil	Synthetic Coltri Oil ST 755
Oil change interval	Every year / 1.000 h
Frame	Steel 1,5 mm thickness - colour RAL 9005 - Powder coating painting - scratch proof

Compressor

	50 EM	100 EM	100 ET
Charging rate <small>Measured during 10 liters cylinder filling from 0-200 bar tolerance +/- 5% at + 20 ° C ambient temperature.</small>	50 l/min	100 l/min	100 l/min
Purification System	Eco-filter		
Cooling air flow, min.	792 m³/h	990 m³/h	990 m³/h
Weight <small>Standard model. Weight and dimensions may vary depending on accessories.</small>	30 kg 66 lb	38 kg 83.7 lb	38 kg 83.7 lb
Dimensions (W x D x H)	61 x 40 x 39 cm - 24 x 15.7 x 15.3 in		

Motor

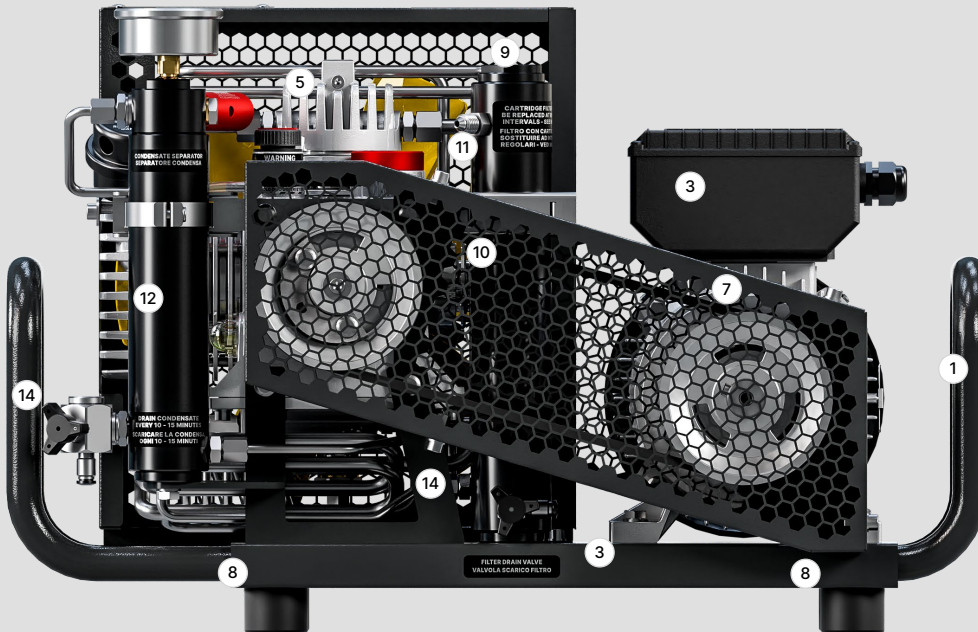
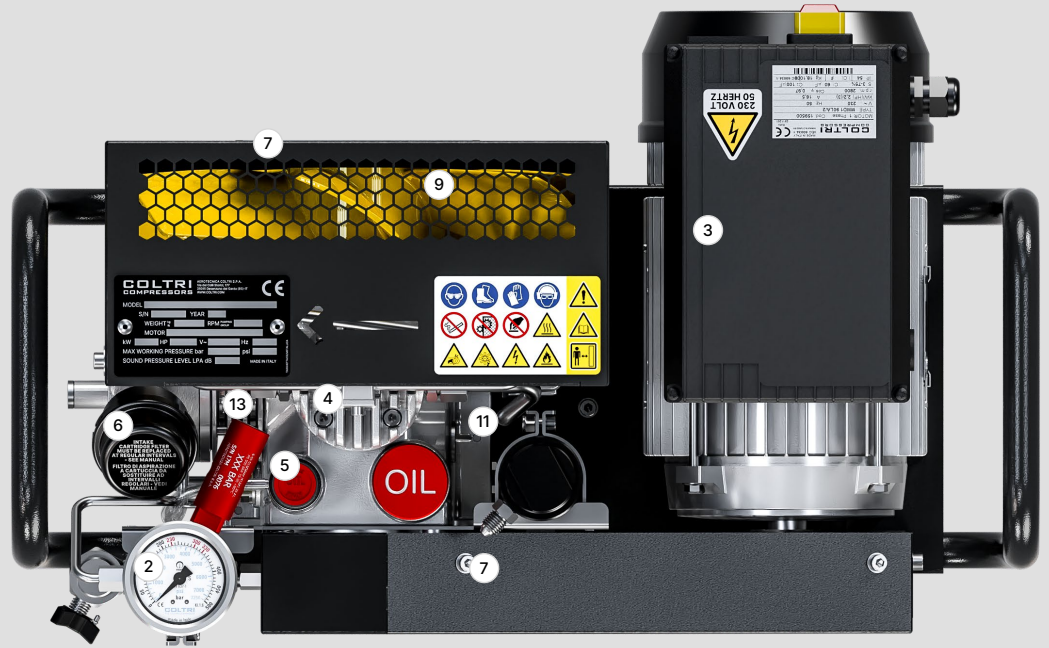
	50 EM	100 EM	100 ET
Power	1,1 kW, 1.4 Hp	2,2 kW, 3 Hp	3 kW, 4 Hp
Type	Single-phase electric motor		Three-phase el. motor
Operating voltage/frequency <small>Different voltage / frequency available on request.</small>	230 V, 50 Hz	230 V, 50 Hz	400 V, 50 Hz
Rated current	14 A		6,7 A
Speed (RPM)	2.800 1/min		
Protection class	IP54 (TEFC)		

Dimensions

Width 61 cm (24")
 Depth 37 cm (14.5")
 Height 39 cm (15.3")

Dry weight

ICON LSE 50 EM
 39,5 kg (87 lb)
ICON LSE 100 EM
 39,5 kg (87 lb)
ICON LSE 100 ET
 39 kg (85 lb)



Machine parts

- | | | |
|------------------|--------------------------|-------------------------|
| 1 Frame | 6 Intake air filter | 11 Purification system |
| 2 Pressure gauge | 7 Safety mesh | 12 Condensate separator |
| 3 Electric motor | 8 Anti-vibration devices | 13 Safety valve |
| 4 Pumping unit | 9 Cooling fan | 14 Condensate discharge |
| 5 Oil filler cap | 10 Belt | |