

SEACOMAIR CNG 500E43-SILENT

*High pressure Compressed Natural Gas
Compressor Silent fully automatic*



Meets all international
Natural Gas standards
ATEX 94/9/EC
PED 97/23/EC
Machine 98/37/EC



*The most user-friendly CNG refilling system
available today. Designed for high natural gas
demand at a fast rate to 500 l/min (17,5 cfm).*

Standard Features

- Durable powder coated, compact sound absorbing cabinet for stationary operation
- Remote MEPC Main Electric Control Panel
- On/Off Switch, Emergency OFF switch, Hour meter
- Gas temperature, Oil level warning light
- Suction valve to connect Natural gas
- Intake Filter placed outside, easy to replace
- Fully automatic condensate drain
- Interstage Safety Pressure switch on 1st, 2nd and 3rd stage
- Oil level sight glass indicator
- Oil pressure gauge
- Final recharge pressure gauge
- Pressure maintaining valve
- Four Purification Cartridge Holders inside housing with purification system activated carbon/molecular sieve
- Explosion proof AC motor 11kW 440 volt, 3 phase, available in 50 Hz or 60 Hz (option)
- 16 feet (5 m) filling hose with CNG filling nozzle
- Refill Time: 80 Liter (560 cu.ft.) cylinder in app. 32 min from 0-3000 psi/0-200 bar
- One year warranty
- Weight: 925 lbs (420 Kg)
- Dimensions: L 32" (82) x D 52" (133) x H 70" (179 cm)
- Noise level 73 dB(A) at 3 m

Specifications

- Construction: Compressed Natural Gas compressor, Continuous duty air cooled, four stage, four cylinder CNG compressor, all stainless steel interstage and final stage coolers
Cooling fan with antistatic blades and belt
Mounted in a powder coated steel cabinet
Sound absorbing housing
- Max Pressure: 220bar/3200psi
Approx. Output: 500 l/min / 17,5 cfm / 30 m³/h charging rate
Max R.P.M.: 1100
Lubrication: Low pressure oil injection pump
Oil Type: SeaComAir synthetic compressor oil
Oil Capacity: 4,5 Liters (157 oz.)
Drive motor: AC electric motor 440Volt, 3 phase 50Hz o. 60Hz
Features: Automatic and Manual condensate drain system
Final pressure gauge and emergency shut-off,
Low oil warning light, Gas temperature,
On/Off Switch,
ATEX 94/9/EC and PED 97/23/EC approved

Factory Options

- BAC5002: Filling hose Brake Away Safety Control

Type

Model	Description	Charging Rate	Drive Motor
SCA500E43/CNG-SL	CNG HP-Compressor 200 bar	500 l/min/17,5 cfm/30 m ³ /h	11kW Electric 440V/50Hz o. 60Hz. 3Ph



www.seacomair.com

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Price and Specification are subject to change without notice. All pricing EX-Works, plus shipping, insurance and documentation.

SEACOMAIR CNG 500E43-SILENT

#SCA500E43/CNG Block



*Charging rate 500 l/min. (17,5 cfm)
Compact size for Industrial applications!*

#SCA500E43/CNG Filter housings



SCA500-MECP Main Electric Control Panel



SCA500-PFS Purification Filter System with filters



MECP Standard Features

- Powder coated compact cabinet
- Hourmeter analog
- Main Control On/Off switch
- Gas temperature digital control
- AC Power light
- Electric Motor fault light indicator
- Electric Motor wrong rotation light
- Low oil status light
- Gas temperature fault light indicator
- 1st Stage pressure alarm light indicator
- 2nd Stage pressure alarm light indicator
- 3rd Stage pressure alarm light indicator
- Ready light to start
- AC El.Motor Power switch On
- AC El.Motor Power switch Off
- Emergency Off switch

PFS Standard Features

- High pressure purification filter system with four (4) filter housings
- One repackable filter with activated carbon
- Three repackable filters with molecular sieve



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