

SEACOMAIR High Pressure Compressors



Specifications Portable SCA100 Electric - SCA100 Gas - SCA100 Diesel - SCA100 Electric & Gas Compact



SCA100DY/6

Construction: Air cooled, four stage, four cylinder hp compressor
all stainless steel interstage and final stage coolers
Priority/Back pressure maintaining valve
Final pressure relief valve
Filling hose with On/Off valve and bleed with SCUBA INT yoke, DIN200 or DIN300

Max Pressure: 220bar/3200psi or 330bar/4850psi (option)
Approx. Output: SCA80: 80 l/min. / 3.4 scfm charging rate*
SCA100: 100 l/min. / 4.2 scfm charging rate*

Oil Capacity: 0,3 l (11 oz) synthetic compressor oil ISO VG190
Drive Motors: 6 hp Subaru, 5.5hp Honda® Gasoline engine
6 hp Yanmar Diesel engine
with 1 or 3 Phase

Fact.Options: SCA80E21/3W Filling panel with one outlet for 300bar/4400psi Airgun Cartridges

Weight: SCA100E: 38kg (85 lbs)
SCA100GH/55: 38 Kg (85 lbs)
SCA100SR/6: 39 Kg (86 lbs)
SCA100E: 43kg (95 lbs)

Dimensions: L 30" (75) x D 14" (35) x H 15" (38 cm)



SCA100E43/4



SCA100GH/55 Compact



SCA80E21/3W 300 bar

Model	Description	Charging Rate*	Drive Motor
SCA80E21/3	Compressor 80 l/min	80 l/min/ 3,4 scfm/ 4,8 m³/h	2,2kW el. 110/230V/50-60Hz 1Ph
SCA80E21/3W	Compressor 80 l/min	80 l/min/ 3,4 scfm/ 4,8 m³/h	2,2kW el. 230V/50-60Hz 1Ph
SCA100E21/4	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	3,0kW electric 230V/50-60Hz 1Ph
SCA100E43/4	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	3,0kW electric 400/440V/50-60Hz 3Ph
SCA100DY/6	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	4,5kW 6HP Yanmar Diesel
SCA100SR/6	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	4,5kW 6HP Subaru Gas
SCA100GH/55	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	4,0kW 5,5HP Honda Gas
SCA100E43/4 Compact	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	3,0kW electric 400/440V/50-60Hz 3Ph
SCA100GH/55 Compact	Compressor 100 l/min	100 l/min/ 4,2 scfm/ 6 m³/h	4,0kW 5,5HP Honda Gas

Specifications Open Frame SCA140-215-265 Electric - SCA265 Gas - SCA265 Diesel



SCA215E43/55

Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor
all stainless steel interstage and final stage coolers
Pressure maintaining/Priority valve
Pressure relief valve on all stages

Max Pressure: 220bar/3200psi or 340bar/5000psi (option)
Approx. Output: SCA140: 140 l/min/ 6,6 scfm charging rate*
SCA215: 215 l/min/ 8,9 scfm charging rate*
SCA265: 265 l/min/ 10,8 scfm charging rate*

Lubrication: Splash lubrication with oil thrower pin
Oil Type: 1,7 l (59 oz) synthetic compressor oil ISO VG150
Features: **Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed**

Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase
6 or 9hp Subaru, 9hp Honda® Gas
6 or 9hp Yanmar diesel

Weight: SCA215E43/55: 262 lbs (119 kg)
SCA265E43/75: 262 lbs (119 kg)
SCA265GH: 277 lbs (126 Kg)
SCA265DY/9: 342 lbs (155 kg)

Dimensions: SCA215E: L 39" (100) x D 20" (50) x H 28" (71 cm)
SCA265GH: L 43" (110) x D 20" (50) x H 28" (71 cm)



SCA215SR/9



SCA265DY/9



SCA265GH/9

Model	Description	Charging Rate*	Drive Motor
SCA140E21/4	Compressor 140 l/min	140 l/min/6,6 scfm/8.5 m³/h	3,0kW el. 110/230V/50-60Hz 1Ph
SCA140SR/6	Compressor 140 l/min	140 l/min/6,6 scfm/8.5 m³/h	4,5kW 6HP Subaru Gas
SCA215E43/55	Compressor 215 l/min	215 l/min/8,9 scfm/13 m³/h	4,0kW el. 400/440V/50-60Hz 3Ph
SCA215SR/9	Compressor 215 l/min	215 l/min/8,9 scfm/13 m³/h	6,6kW 9HP Subaru Gas
SCA215GH/9	Compressor 215 l/min	215 l/min/8,9 scfm/13 m³/h	6,6kW 9HP Honda Gas
SCA265E43/75	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA265SR/9	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Subaru Gas
SCA265GH/9	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Honda Gas
SCA265DY/9	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Yanmar Diesel

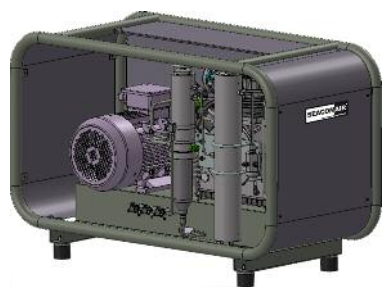
SeaComAir compressors meets all international breathing air standards for CGA Grade "E" Air & DIN EN12021

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All pricing in EURO EX-Works. Price and Specification are subject to change without notice.

www.seacomair.com

ISO9001: 2009 Certified Factory
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Specifications Compact Stainless Steel Frame SCA215-265 Electric - SCA265 Gas - Diesel



SCA265E43/55CSS

Construction: **New Weight optimized Stainless Steel Frame with Lightweight Cover**
 Continuous duty air cooled, three stage, three cylinder high pressure compressor
 all stainless steel interstage and final stage coolers
Pressure maintaining/Priority valve
Pressure relief valve on all stages

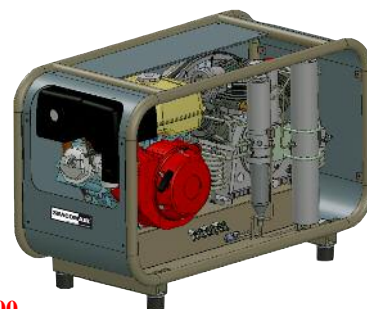
Max Pressure: 220bar/3200psi or 340bar/5000psi (option)
 Approx. Output: SCA215: 215 l/min/ 8,9 scfm charging rate*
 SCA265: 265 l/min/ 10,8 scfm charging rate*

Lubrication: Splash lubrication with oil thrower pin
 Oil Type: 1,7 l (59 oz) synthetic compressor oil ISO VG150
 Features: **Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed**

Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase
 9hp Subaru or Honda® Gas, 9hp Yanmar diesel

Weight: SCA215E43/55: 264 lbs (120 kg)
 SCA265E43/75: 275 lbs (125 kg)

Dimensions: L 40,5" (103) x D 19" (49) x H 26" (67 cm)



SCA265GH/9CSS

Model	Description	Charging Rate*	Drive Motor
SCA215E43/55CSS	Compressor 215 l/min	215 l/min/8,9 scfm/13 m³/h	4,0kW el. 400/440V/50-60Hz 3Ph
SCA265E43/75CSS	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA265SR/9CSS	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Subaru Gas
SCA265GH/9CSS	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Honda Gas
SCA265DY/9CSS	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	6,6kW 9HP Yanmar Diesel

Specifications Cabinet SCA265 Vertikus - SCA265-300 Compact Cabinet - SCA300 Silent



SCA265E43/75Vertikus

Construction: Continuous duty air cooled, three stage, three cylinder high pressure compressor
 Mounted on a free standing, shock mounted frame or powder coated steel cabinet
Silent: Sound absorbing housing

Max Pressure: 220bar/3200psi or 340bar/5000psi (Option)
 Approx. Output: SCA300: 300 l/m / 12,3 scfm charging rate*
 Oil Capacity: **1,7 Liters (59 oz.) SeaComAir synthetic oil ISO VG150**

Drive motors: AC electric motors 220/400/440V/50Hz or 60Hz with 1 or 3 Phase

Noise level: SCA300 CFSF3: 82 dB (ISO3746)
 SCA300 Silent: 69,8 dB (ISO3746)

Features: **Automatic condensate drain**
Hour meter
Interstage pressure gauges and final gauge
Final pressure switch with automatic shut-off
Low oil shut down switch
Cabinet High Temperature shut down switch
Two (2) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off Filling valve and bleed

Weight: SCA265 Vertikus: 277 lbs (126 Kg)
 SCA265 CFS: 341 lbs (155 Kg)
 SCA215 Silent: 389 lbs (177 Kg)
 SCA265 Silent: 490 lbs (222 Kg)

Dimensions: SCA265 Vertikus: L 24" (60) x D 20" (50) x H 38" (98 cm)
 SCA265 CFS: L 35"(90) x D 24"(60) x H 33,5"(85cm)
 SCA265/300 Silent: L 35"(90)x D 34"(87)x H 52"(132 cm)



SCA215E43/Silent



SCA300E43/CFSF3



SCA300E43/Silent

Model	Description	Charging Rate*	Drive Motor
SCA265E43/Vertikus	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA265E43/CFS	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA300E43/CFSF3	Compressor 300 l/min	300 l/min/12,3scfm/18 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA215E43/Silent	Compressor 215 l/min	215 l/min/8,9 scfm/13 m³/h	4,0kW el. 400/440V/50-60Hz 3Ph
SCA265E43/Silent	Compressor 265 l/min	265 l/min/10,8 scfm/16 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph
SCA300E43/Silent	Compressor 300 l/min	300 l/min/12,3 scfm/18 m³/h	5,5kW el. 400/440V/50-60Hz 3Ph

*Based on charging an 11 Liter / 80 Cu. Ft. Cylinder from 35 bar / 500 psi to 200 bar / 3000 psi.

SeaComAir 80 & 100 Portable Compressors are non-continuous duty compressors.

SeaComAir compressors meets all international breathing air standards for CGA Grade "E" Air & DIN EN12021

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Specifications Cabinet & Silent SCA650-750 Heavy Duty



SCA650E43/HDF-SL

Construction: Continuous duty air cooled, four stage, four cylinder high pressure compressor
Mounted on a free standing, shock mounted frame
Sound absorbing housing

Max Pressure: 220bar/3200psi or 330bar/4700psi, 440bar/6000psi (Option)
 Approx. Output: SCA650HDF-SL: 650 l/m / 27 scfm charging rate*
 SCA750HDF-OP: 750 l/m / 30,5 scfm charging rate*

Oil Capacity: 4,5 Liters (158 oz.)
 Drive motors: AC electric motors 400/440V/50Hz or 60Hz with 1 or 3 Phase

Noise level: SCA650 HDF Silent: 70 dB (ISO3746)
 SCA750 HDF-OP: 78 dB

Features: **Main control panel with Hour meter**
Low oil level warning light with Auto shut-off
Phase controller prohibits reverse rotation
Fully automatic condensate drain
Final pressure switch with gauge and auto-stop
Temperature digital display with Auto shut-off
Pressure gauges installed after each stage
Four (4) Filling hoses with SCUBA INT yoke, DIN200 or DIN300 On/Off valve and bleed

Weight: SCA650 HDF-Silent: 970 lbs (440 Kg)
 SCA750 HDF-OP: 925 lbs (420 Kg)

Dimensions: HDF-SL: L 37" (94) x D 82" (132) x H 66" (169 cm)
 HDF-OP: L 37" (94) x D 52" (132) x H 66" (169 cm)



SCA750E43/HDF-OP

Model	Description	Charging Rate*	Drive Motor
SCA650E43/HDF-SL	Compressor 650 l/min	650 l/min/27 scfm/39 m3/h	11kW el. 400/440V/50-60Hz 3Ph
SCA750E43/HDF-OP	Compressor 750 l/min	750 l/min/30,5 scfm/45 m3/h	15kW el. 400/440V/50-60Hz 3Ph

Specifications Low Pressure 300 Nitrox Silent



Construction: Rotary Screw Low Pressure Compressor with Semi-Permeable Membrane
 Mounted in plastic coated steel cabinet
 Sound proofing system
 LP Filtration for Membrane
 Two Nitrox O2 Analyzers
Operates on CGA Grade D Air

Working Pressure: 6-13 bar/90-190 psi
 Capacity: 1000 l/min / 35 cfm @ 10 bar
 Drive motors: 7.5 kW 230/400/440V/50 or 60Hz el. motor 3 phase

Features: **Final pressure gauge**
Emergency shut-off
Automatic Condensate Drain
High Pressure Automatic Shut Off
Temperature Automatic Shut Off

Noise: 71 dB (ISO3746)
 Weight: 660 lbs (300 Kg)
 Dimensions: L 59" (150) x D 30" (76) x H 48" (122 cm)



Model	Description	Capacity @ 10 bar**	Drive Motor
SCA300E43/EAN	Low Pressure Nitrox Generator	1000 l/min - 35 cfm	7,5kW 230/400/440V/50-60Hz 3Ph

SeaComAir 300 Nitrox Silent connection to Breathing Air High Pressure Compressor

The most user-friendly Nitrox production system available today.
SeaComAir LP Nitrox System with a Semi-Permeable Membrane produce oxygen-rich air, Nitrox mixture 32 % to 40 % Oxygen.
 The Low Pressure Nitrox and High Pressure Compressor Packages will supply 32 % , 36 % or 40% Nitrox.
 This systems are most cost effective Nitrox production from 280 L/min - 10 cfm up to 500 L/min - 17,5 cfm.



SCA280E43/CFS electric



SCA400E43/HDF-OP electric
SCA500E43/HDF-OP electric

**Low Pressure Screw Compressor Capacity at ambient inlet pressure

Output Oxygen	Connect High Pressure Compressor	Electric Motor	Free Air Delivery
40% Nitrox EAN	SeaComAir 280 Compact Cabinet	5,5 kW 400/440V 50-60Hz 3Ph	280 L/min - 10 cfm
36% Nitrox EAN	SeaComAir 400 Heavy Duty Cabinet	9 kW 400/440V 50-60Hz 3Ph	400 L/min - 14 cfm
32% Nitrox EAN	SeaComAir 500 Heavy Duty Cabinet	11 kW 400/440V 50-60Hz 3Ph	500 L/min - 17,5 cfm

Compressor Factory Options

Model	Description	Compressor	
MP330	Compressor Model 300bar/4300psi pressure	SCA80/100/140/215/265	
MP440	Compressor Model 400bar/5800psi pressure	SCA650/HDF-SL	
BZTT100	Hour meter Digital (Gas models only)	SCA100/215/265GH	
HMAE100	Hour meter Analog (Electric models only)	SCA100/215/265E	
RCH200	Removable carry handels	SCA140/215/265	
ASP100	Auto Stop/Shut off pressure switch	SCA100/140/215/265	
PS300/100	Pressure Switch 300-200bar (4300/3000psi) with MP330 only	SCA80/100/140/215/265	
PS400/200	Pressure Switch 400-200bar (5800/3000psi) with MP400 only	SCA265	
PS300/CFS	Pressure Switch 300-200bar (4300/3000psi) with MP330 only	SCA265CFS	
PS400/CFS	Pressure Switch 400-200bar (5800/3000psi) with MP400 only	SCA650/750HDF	
PG2010	Interstage Pressure Gauges (3 pcs)	SCA140/215/265/265CFS	
LO2015	Low oil shut down switch	SCA140/215/265/265CFS	
ACD100	Automatic condensate drain	SCA80/100/140/215/265	
WS100/2	Wheel Set (2 each)	SCA80/100	
WS200/2	Wheel Set (2 each)	SCA140/215/265	
MB12	12V Motor Battery for Electric Start (Gas & Diesel engines)	SCA100/140/215/265	
MES100	Electric Start for Gas & Diesel engines with MB12 only	SCA100/140/215/265	
PCSD200	Purity Controll Signalling Device for filter cartridge saturation	SCA265/300/650/750HDF	

Specifications Natural Gas SCA150CNG - SCA400CNG-Silent



SCA150E43/CNG-SL

Construction: Continuous duty air cooled, three and four stage, three and four cylinder high pressure compressor
Mounted in plastic coated steel cabinet, Sound proofing system
Meets all international Natural Gas standards ATEX 94/9/EC PED 97/23/EC, Machine 98/37/EC

Max Pressure: 220bar/3200psi
Approx. Output: SCA150 CNG: 170 l/min / 6 cfm
SCA400 CNG: 400 l/min / 14 cfm

Oil Capacity: 1,7 Liters (59 oz.) and 4,5 Liters (158 oz.)
Drive motors: el. motors 220/400/440V/50Hz or 60Hz, 1 or 3 Phase
Noise level: SCA150 CNG: 70 dB
SCA400 CNG: 70 dB (ISO3746)

Features: **Remote MECP Main Electric Control Panel**
Emergency OFF switch
Hour meter
Rotation control warning light
Final recharge pressure gauge
Filling hose with CNG filling nozzle

Weight: SCA150 CNG: 396 lbs (180 Kg)
SCA400 CNG: 925 lbs (420 Kg)

Dimensions: SCA150 CNG: L 27,5" (70) x D 26" (67) x H 41" (105 cm)
SCA400 CNG: L 32" (82) x D 52" (133) x H 70" (179 cm)



SCA400E43/CNG-SL

Model	Description	Air Delivery F.A.D.	Drive Motor
SCA150E43/CNG-SL	CNG Natural Gas Comp. 200bar	170 l/min/6 cfm/10 m³/h	4kW el. 400/440V/50-60Hz 3Ph
SCA400E43/CNG-SL	CNG Natural Gas Comp. 200bar	400 l/min/14 cfm/24 m³/h	9kW el. 400/440V/50-60Hz 3Ph

Specifications Containment Fill Station



CFS-2M Two Position high pressure Containment Fill Station

- Accommodate 2 SCBA or SCUBA Cylinders up to 12 Liter / 88 Cu. Ft.
- Fills two SCBA or SCUBA cylinders at a time
- Working Pressure up to 450 bar/6500 psi
- Dual fill pressure with High Pressure Regulator (option)
- Flow Restrictors thru needle valve to optimize air flow for accurate filling
- One Inlet Pressure Gauge to Monitor Inlet Pressure
- Two (2) Panel Valves to Control Fill Process
- Two (2) Fill Pressure Gauges to Monitor Fill Process
- Two (2) Fill Hoses with Bleed Valve and Fill Adapter
- One connection with Valve for Cascade system
- Safety Control Lock Door System manually
- Certified by a Licensed Engineering Testing Facility TUV Germany
- Dimensions L 30"(78) x D 21"(53) x H 59"(150 cm)
- Weight 350 Kg (770 lbs)



Model	Description	System	Outlets & Inlets
CFS-2M	Containment Fill Station 2 Position	2 x SCBA or SCUBA cylinders	1 Inlet & 2 Filling Connection



ASCR150-350

Specifications Air Storage Cylinder Racks - Filling Panels

FP3/2CB filling panel

- 2x300bar/4400psi and 2x220bar/3200psi
- Inlet fitting 300bar for high pressure compressor
- 300bar/4400psi pressure gauge
- 220bar/3200ps pressure gauge
- Two 300bar/4400psi filling fittings with On/Off filling valves
- Two 220bar/3200psi filling fittings with On/Off filling valves
- Pressure reducer for simultaneous filling
- Weight: 8 kg (17.5 lbs)
- Dimensions: L 63 (25") x D 16 (6.5") x H 20 cm (8")



FP3/2CB

ASCR150-350 Air Storage Cylinder Rack

- Durable, powder coated steel cabinet, Lightweight Steel Alloy
- Standard Volumen 150 Liter
- **Working Pressure 350bar/5000psi or 450bar/6500psi (option)**
- Weight 300kg(660lbs) or 360kg(790lbs)
- Dimensions L 24" (60) x D 12,5" (32) x H 65" (165 cm)

Model	Description	System	Outlets & Inlets
ASCR100-350	Air Storage Cylinder Rack	2x50 Liter cylinder 350 bar	Inlet connection compressor option
ASCR150-350	Air Storage Cylinder Rack	3x50 Liter cylinder 350 bar	Inlet connection compressor option
FP3/2CB	Filling Panel 300bar/200bar	Panel-System	2x300bar/2x200 bar with Valves
FP3/2TN	Filling Panel Nitrox 200/300bar	Panel-System Nitrox	4 Outlet Valves 200 bar
FPE4FV	Filling Panel Econo 300 or 200 bar	SCA80/100/140/215/265/265V	4 Four Outlets 300 or 200 bar

Specifications Gas Analyzers CO, O2, Moisture



Carbon Monoxide CO



Oxygen O2

Carbon Monoxide CO Analyzer

- Sensor: Electrochemical
- Range: 0-100ppm Carbon Monoxide
- Operating Temperature: 41 to 104 °F (5 to 40 °C)
- Power: 9 Volt Standard Battery
- Weight: 250 g (8,8 oz)
- Dimensions: 3,5 " (8,5) x 3" (7,5 cm)

Oxygen O2 Analyzer

- Sensor: Electrochemical
- Range: 0-100% O2
- Operating Temperature: 41 to 86 °F (5 to 30 °C)
- Power: 9 Volt Standard Battery
- Weight: 250 g (8,8 oz)
- Dimensions: 3,5 " (8,5) x 3" (7,5 cm)

Moisture Digital Analyzer

- Sensor: Capacitive Technology
- Range: 0-99,9% RH
- Power: 9 Volt Standard Battery
- Weight: 250 g (8,8 oz)
- Dimensions: 3,5 " (8,5) x 3" (7,5 cm)



Moisture RH

Model	Description
CMA-DO	Carbon Monoxide CO Digital
OA-DO	Oxygen O2 Digital
MA-DO	Moisture RH Digital