

Nuvair®

Compressed Gas Solutions



www.nuvair.com

PAINTBALL

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Ordering

Nuvair Terms & Conditions

Open Terms

50% deposit at time of order is required, Balance due prior to shipping. Open billing is at the sole discretion of Nuvair and requires pre approval by Nuvair. Standard open account terms are net 30 days from the date of invoice.

Should a buyer neglect to pay Nuvair on time or create doubt of the buyer's financial responsibility, Nuvair has the right to revoke any terms granted.

New Accounts and Internet Orders Payment Terms

Orders made over the internet or from new customers require prepayment before shipping in the form of a credit card, company check, PayPal, wire transfer, or cash.

If you are interested in net 30 terms please contact Nuvair for a credit application. Nuvair uses several outside service bureaus to determine a company or persons credit worthiness and does not guarantee that credit terms will be made available to new or returning customers.

Nuvair does business in US dollars. Any orders from outside the US may require the purchaser to cover additional bank charges from wiring fees to notary services.

Personal Checks and PayPal Checks are accepted by Nuvair, however we will not ship until the check clears our bank account. These orders will be delayed until the check shows as funds received in our bank account. Returned Checks will be assessed a \$35.00 handling charge on all Non-Sufficient Funds. Additionally Nuvair may require pre-payment for any further transactions before shipping future shipments.

Custom and Special-Order Items

Custom built products and products requiring Non-Inventory parts require payment in advance from customers who don't have credit terms with Nuvair. These products are sold as is to everyone and are not cancelable or returnable for any reason.

Freight

FOB Oxnard, California. We use multiple shipping companies to ensure the quality and good rates for our customers

Orders

You may purchase through Nuvair by using our online store, email, phone, Walk-In or Fax. When in doubt contact a Nuvair sales associate to help with your order.

Order confirmations are sent out via email or fax. If you need special attention for your order be sure to make contact with your Nuvair Sales associate and make them aware of your special circumstances.

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Coltri/Nuvair Portable

The compact dimensions and light weight of this compressor make it very easy to transport and operate. These compressors are ideal for filling cylinders at home, on boats or on dive trips. Fill hose and air filtration system included.



Stainless Steel Option Pictured



Features

- Excellent Portability
- 4500 PSI Max Pressure
- Industrial Air Filtration
- Hour Meter Standard on Gas Unit

Options

- Pressure Switch
- Automatic Condensate Drains
- Hour Meter
- Stainless Steel Frame
- Visual Moisture Indicator
- Inverter Drive for use with Smaller Generators

The MCH6 is designed for filling Paintball, SCUBA or SCBA tanks one at a time. The compressors are not engineered or manufactured for continuous duty filling of storage tanks or cascade systems of any kind.

Model	MCH6 / 3 E	MCH6 / 3.5 E	MCH6 / 3.5 G
Filling Time*	Approx. 23 Minutes	Approx. 19 Minutes	Approx. 19 Minutes
Cubic Feet/Minute	2.8 FAD 3.4 SCFM*	3.5 FAD 4.2 SCFM*	3.5 FAD 4.2 SCFM*
Liters/Minute	80 FAD	100 FAD	100 FAD
Motor Options	Single Phase Electric	Three Phase Electric	Honda Gas (Part# 8013)
115 V - E1 - 50 or 60 Hz	28 Amp (Part# 8015)**	N/A	
230 V - E1 - 50 or 60 Hz	14 Amp (Part# 8014.1)**	N/A	N/A
230 V - E3 - 50 or 60 Hz	N/A	11 Amp (Part# 8016.2)**	N/A
Driven by	3 hp (2.2 kW)	4 hp (3 kW)	5.5 hp (4 kw)
Max Operating Pressure	4500 PSI (310 Bar)	4500 PSI (310 Bar)	4500 PSI (310 Bar)
RPM	2240	2800	2800
Number of Stages	4	4	4
Number of Fill Hoses	1	1	1
Condensate Drain	Manual	Manual	Manual
Sound Level @ 3 Meters	82 dB	83 dB	87 dB
Dimensions: (H x W x D)	15.5 in x 26.5 in x 15 in (39 x 67 x 38 cm)	15 in x 26 in x 15 in (38 x 65 x 38 cm)	15 in x 31 in x 14 in (38 x 79 x 36 cm)
Weight	90 lbs (41 kg)	88 lbs (40 kg)	84 lbs (38 kg)
Lubrication	Splash Lubrication, capacity 11 oz.		

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair Compact Portable

The sturdy enclosure and easily accessible lifting handles on this series of compressors makes it ideal for portable applications. It is available in a full range of electric and gas power for filling cylinders at home, at the dive shop or on boats. Fill hose and air filtration system included.

Features

- Excellent Portability
- 4500 PSI Max Pressure
- Industrial Air Filtration
- Hour Meter Standard on Gas Unit
- Protective Frame

Options

- Pressure Switch
- Automatic Condensate Drains
- Hour Meter
- Stainless Steel Frame
- Visual Moisture Indicator
- Inverter Drive for use with Small Generators



The MCH6 is designed for filling Paintball, SCUBA or SCBA tanks one at a time. The compressors are not engineered or manufactured for continuous duty filling of storage tanks or cascade systems of any kind.

Model	MCH6 / 3 E compact	MCH6 / 3.5 E compact	MCH6 / 3.5 G compact
Filling Time*	Approx. 23 Minutes	Approx. 19 Minutes	Approx. 19 Minutes
Cubic Feet/Minute	2.8 FAD 3.4 SCFM*	3.5 FAD 4.2 SCFM*	3.5 FAD 4.2 SCFM*
Liters/Minute	80 FAD	100 FAD	100 FAD
Motor Options	Single Phase Electric	Three Phase Electric	Honda Gas (Part# 8013-C)
115 V - E1 - 50 or 60 Hz	28 Amp (Part# 8015-C)**	N/A	
230 V - E1 - 50 or 60 Hz	14 Amp (Part# 8014.1-C)**	N/A	N/A
230 V - E3 - 50 or 60 Hz	N/A	11 Amp (Part# 8016.2-C)**	N/A
Driven by	3 hp (2.2 kW)	4 hp (3 kW)	5.5 hp (4 kw)
Max Operating Pressure	4500 PSI (310 Bar)	4500 PSI (310 Bar)	4500 PSI (310 Bar)
RPM	2240	2800	2800
Number of Stages	4	4	4
Number of Fill Hoses	1	1	1
Condensate Drain	Manual	Manual	Manual
Sound Level @ 3 Meters	82 dB	83 dB	87 dB
Dimensions: (H x W x D)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)
Weight	126 lbs (57 kg)	126 lbs (57 kg)	121 lbs (55 kg)
Lubrication	Splash Lubrication, capacity 11 oz.		

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair Standard Electric

The Nuvair Standard Electric uses a pumping unit that is made from top quality materials; connecting rods from aluminum alloy, stainless steel intercoolers and aftercoolers that are more than four meters in length, and cylinders of special cast iron. The electric motor uses an aluminum housing to keep weight to a minimum, making the station very compact.

Features

- 5000 PSI Max Pressure
- Industrial Air Filtration
- 1 Fill Whip
- Electric Motor or Gas Engine
- Stainless Steel Intercoolers

Options

- Motor Starter
- Automatic Condensate Drains
- Pressure Switch
- Hour Meter
- High Temp Shut Down
- Low Oil Shut Down
- Interstage Pressure Gauges
- Stainless Frame
- Visual Moisture Indicator



Model	MCH13 / 5 Standard	MCH13 / 7 Standard	MCH16 / 9 Standard
Filling Time*	Approx. 11 Minutes	Approx. 9 Minutes	Approx. 7.4 Minutes
Cubic Feet/Minute	4.7 FAD 6.6 SCFM*	7.6 FAD 8.9 SCFM*	9.4 FAD 10.8 SCFM*
Liters/Minute	135 FAD	215 FAD	265 FAD
Motor Options	Single or Three Phase	Single or Three Phase	Single or Three Phase
230 V - E1 - 50 or 60 Hz	19 Amp	25 Amp (Part# 8020.1)**	34 Amp (Part# 8022.1)**
230 V - E3 - 50 or 60 Hz	11 Amp	14 Amp (Part# 8019.2)**	20 Amp (Part# 8022.2)**
440 V - E3 - 50 or 60 Hz	N/A	7 Amp (Part# 8019.3)**	10 Amp (Part# 8022.3)**
Driven by	4 hp (3 kW)	5.5 hp (4 kW)	7.5 hp (5.5 kw)
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)	5000 PSI (345 Bar)
RPM	890	1350	1550
Number of Stages	3	3	3
Number of Fill Hoses	2	2	2
Condensate Drain	Manual	Manual	Manual
Sound Level @ 3 Meters	75 dB	81 dB	82 dB
Dimensions: (H x W x D)	25 in x 34 in x 18 in (64 x 86 x 45 cm)	25 in x 34 in x 18 in (64 x 86 x 45 cm)	25 in x 34 in x 18 in (64 x 86 x 45 cm)
Weight	218 lbs (99 kg)	218 lbs (99 kg)	240 lbs (109 kg)
Lubrication	Splash Lubrication, capacity 1.6 qts.		

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair Mini Tech

The Mini Tech is our go to Compressor set up for a wide variety of applications in both breathing air and industrial air use. Compact design and fold away handles make for easy lifting and portability of the compressor. On board Grade E air purification insures breathing air quality standards. A wide variety of customized options to meet individual needs are noted on the options list below. If portability and dependability are top on your list, this is the compressor for you.

Features

- 5000 PSI Max Pressure
- Industrial Air Filtration
- 2 Fill Whips
- Electric or Honda Gas or Diesel Motor
- Stainless Steel Intercoolers
- 4 Lifting Handles
- All important parts are protected inside frame
- Superior Vibration Isolation



Options

• Motor Starter/Electric Start	• Hour Meter	• Interstage Pressure Gauges
• Automatic Condensate Drains	• High Temp Shut Down	• Visual Moisture Indicator
• Pressure Switch	• Low Oil Shut Down	• Stainless Frame

Model	MCH13 / 7 Mini Tech	MCH16 / 9 Mini Tech
Filling Time*	Approx. 9 Minutes	Approx. 7.4 Minutes
Cubic Feet/Minute	7.6 FAD 8.9 SCFM*	9.4 FAD 10.8 SCFM*
Liters/Minute	215 FAD	265 FAD
Motor Options	Single or Three Phase	Single or Three Phase
230 V - E1 - 50 or 60 Hz	25 Amp 5.5 hp (4 kW) (Part# 8040.1)**	34 Amp 7.5 hp (5.5 kw) (Part# 8037.1)**
230 V - E3 - 50 or 60 Hz	14 Amp 5.5 hp (4 kW) (Part# 8040.2)**	20 Amp 7.5 hp (5.5 kw) (Part# 8037.2)**
440 V - E3 - 50 or 60 Hz	7 Amp 5.5 hp (4 kW) (Part# 8040.3)**	10 Amp 7.5 hp (5.5 kw) (Part# 8037.3)**
Honda Gas	6.5 hp (4.1 kW) (Part# 8039)	9 hp (6.6 kW) (Part# 8038)
Yanmar Diesel	N/A	10 hp (7.5kW) (Part# 8038-DY)
Kohler Diesel	N/A	10 hp (7.5kW) (Part# 8038-DL)
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
RPM	1350	1550
Number of Stages	3	3
Number of Fill Hoses	2	2
Condensate Drain	Manual	Manual
Sound Level @ 3 Meters	81 dB	80-96 dB
Dimensions: (H x W x D)	24 in x 45 in x 22 in (61 x 114 x 56 cm)	
Weight	320-421 lbs (145-191 kg)	
Lubrication	Splash Lubrication, capacity 1.6 qts.	

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair 250

Our Tech 250 places a protective cage around the MCH 16 block and adds a panel for mounting gauges, fill whips, analyzers, or anything else that you would like to mount. .

Features

- 5000 PSI Max Pressure
- Industrial Air Filtration
- 2 Fill Whips
- Electric or Honda Gas Motor
- Stainless Steel Intercoolers
- 4 Lifting Handles
- All Important Parts are Protected Inside Frame
- Superior Vibration Isolation
- Gauge Panel
- Removable Air Intake Snorkel

Options

- Motor Starter/Electric Start
- Automatic Condensate Drains
- Pressure Switch
- Hour Meter
- High Temp Shut Down
- Low Oil Shut Down
- Interstage Pressure Gauges
- Stainless Frame
- Visual Moisture Indicator
- Upgrade Filtration



Model	MCH16 / 250
Filling Time*	Approx. 7.4 Minutes
Cubic Feet/Minute	9.4 FAD 10.8 SCFM*
Liters/Minute	265 FAD
Motor Options	Single or Three Phase
230 V - E1 - 50 or 60 Hz	34 Amp 7.5 hp (5.5 kw) (Part# 8030.1)
230 V - E3 - 50 or 60 Hz	20 Amp 7.5 hp (5.5 kw) (Part# 8031.2)
440 V - E3 - 50 or 60 Hz	10 Amp 7.5 hp (5.5 kw) (Part# 8031.3)
Honda Gas (Electric Start)	9 hp (6.6 kW) (Part# 8027-EL)
Yanmar Diesel (Electric Start)	10 hp (7.5kW) (Part# 8028-DY-EL)
Kohler Diesel (Electric Start)	10 hp (7.5kW) (Part# 8029-DL-EL)
Max Operating Pressure	5000 PSI (345 Bar)
RPM	1550
Number of Stages	3
Number of Fill Hoses	2
Condensate Drain	Manual
Sound Level @ 3 Meters	80-96 dB
Dimensions: (H x W x D)	31 in x 44 in x 23 in (79 x 112 x 58 cm)
Weight	320-421 lbs (145-191 kg)
Lubrication	Splash Lubrication, capacity 1.6 qts.

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair Compact & EVO (Models 7 and 9)

The Compact Series includes a semi-sound proofed filling station. The compressor switches off automatically when the pressure level set by the operator is reached. Condensate is discharged automatically. External access simplifies oil level monitoring and changes. The Compact is also offered as an EVO model with Interstage Pressure Gauges, High Temp, and Low Oil Shutdown is included.

Features

- Motor Starter
- Automatic Condensate Drains
- Dial-A-Pressure Switch
- Hour Meter
- Semi-Sound Proofed Cabinet
- External Oil Sight Gauge
- Industrial Air Filtration
- Automatic Stop

Options (included on EVO models)

- Interstage Pressure Gauges
- High Temp Shut Down
- Low Oil Shut Down
- Visual Moisture Indicator



Model	MCH13 / 7 Compact	MCH16 / 9 Compact
Filling Time*	Approx. 9 Minutes	Approx. 7.4 Minutes
Cubic Feet/Minute	7.6 FAD 8.9 SCFM*	9.4 FAD 10.8 SCFM*
Liters/Minute	215 FAD	265 FAD
Motor Options	Single or Three Phase	Single or Three Phase
230 V - E1 - 50 or 60 Hz	25 Amp	34 Amp (Part# 8033.1)**
230 V - E3 - 50 or 60 Hz	14 Amp	20 Amp (Part# 8032.2)**
440 V - E3 - 50 or 60 Hz	7 Amp	10 Amp (Part# 8032.3)**
Motor Power	5.5 hp (4 kW)	7.5 hp (5.5 kW)
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
RPM	1350	1550
Number of Stages	3	3
Number of Fill Hoses	2	2
Condensate Drain	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic
Sound Level @ 3 Meters	79 dB	81 dB
Dimensions***: (H x W x D)	33 in x 35 in x 24 in (84 x 89 x 60 cm)	33 in x 35 in x 24 in (84 x 89 x 60 cm)
Weight	310-400 lbs (141-181 kg)	332-430 lbs (151-195 kg)
Lubrication	Splash Lubrication, capacity 1.6 qts.	

***Single phase enclosure 33 in x 42 in x 28 in (84 x 105 x 70 cm)

*Single 80 Cu. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Coltri/Nuvair Super Silent EVO

The Super Silent EVO has been sound-proofed so well that it can't be heard until just a few feet away, sound level is less than 70 dB. This fill station is loaded with a range of instrumentation for monitoring operation, automatic drains, auto stop, low oil and high temp shut down. It has two condensate separators and one external filter chamber for ease of replacing the filter cartridge.

Features:

- Motor Starter
- Automatic Condensate Drains
- Dial-A-Pressure Switch
- Hour Meter
- Interstage Pressure Gauges
- High Temp Shut Down
- Low Oil Shut Down with External Sight Gauge
- Sound-Proofed Cabinet
- Industrial Air Filtration
- Automatic Stop

Options:

- Visual Moisture Indicator
- Additional Filtration



Model	MCH13 / 7 Super Silent	MCH 16 / 9 Super Silent
Filling Time*	Approx. 9 Minutes	Approx. 7.4 Minutes
Cubic Feet/Minute	7.6 FAD 8.9 SCFM*	9.4 FAD 10.8 SCFM*
Liters/Minute	215 FAD	265 FAD
Motor Options	Single or Three Phase	Three Phase
230 V - E1 - 50 or 60 Hz	25 Amp	N/A
230 V - E3 - 50 or 60 Hz	14 Amp	20 Amp (Part# 8035.2)**
440 V - E3 - 50 or 60 Hz	7 Amp	10 Amp (Part# 8035.3)**
Motor Power	5.5 hp (4 kW)	7.5 hp (5.5 kw)
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
RPM	1350	1550
Number of Stages	3	3
Number of Fill Hoses	2	2
Condensate Drain	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic
Sound Level @ 3 Meters	66 dB	69 dB
Dimensions: (H x W x D)	54 in x 36 in x 35 in (137 x 90 x 87 cm)	54 in x 36 in x 35 in (137 x 90 x 87 cm)
Weight	466 lbs (177 kg)	488 lbs (187 kg)
Lubrication	Splash Lubrication, capacity 1.6 qts.	

*Single 80 Cu. Ft. cylinder from 500 to 3000 PSI

** Part number reflects 60Hz Model. Inquire about 50 Hz Model

Nuvair 30 and 36 Electric Open Horizontal

Nuvair set out to develop a flagship continuous duty commercial high pressure compressor when we came up with the open horizontal models. The open horizontal packages are built around the Coltri MCH 30/36 pumping unit and can pump up to 26 SCFM at 6000 psi when charging cylinders. The Coltri compressor block and a WEG TEFC motor are mounted on to a steel plate that is placed into a marine grade aluminum frame with belt guard. All packages come with an electric start, 60,000 Cu.Ft. of filtration, auto condensate drains, tach/hour meter, loadless start, independent vibration isolators, NEMA 4 motor starter, enclosed drip pan, four point lifting eyes and fork lift slots.



Features

- 6061 Aluminum Frame: with enclosed bottom, belt guard, lifting eyes, and fork lift slot
- Start/Stop Button, automatic shut down, automatic shut down for high temperature and low oil, phase control recognition (proper rotation), wrong voltage recognition, hour meter, stage and oil pressure gauges, auto drains
- Low pressure oil pump, filter and oil level sight gauge
- Open configuration for easy access and cool running
- Two filters are combined for 60,000 Cu. Ft. of filtration.

Options

• Visual Moisture Indicator	• Stainless Steel or Steel Frame	• Additional Filtration
• Electronic Moisture Monitor	• Powder coating	• Remote Fill Panel
• Dial A Pressure Shutdown	• Certified Lifting Eyes & Doc. Tube	

Model	MCH 30 / 21 Open Horizontal	MCH 36 / 26 Open Horizontal
Filling Time*	Approx. 4 Minutes	Approx. 3.3 Minutes
SCFM	21 SCFM (595 LPM)	26.4 SCFM (748 LPM)
FAD	17.5 CFM (496 LPM)	22 CFM (623 LPM)
230 V - E3 - 60 Hz	31 Amp 15 hp (11 kw)	35.5 Amp 20 hp (15 kw)
400 V - E3 - 50 Hz	18 Amp 15 hp (11 kw)	20 Amp 20 hp (15 kw)
460 V - E3 - 60 Hz	16 Amp 15 hp (11 kw)	22 Amp 20 hp (15 kw)
Max Operating Pressure	6000 PSI (414 Bar)	
Number of Stages	4	
Condensate Drain	Automatic	
Sound Level @ 3 Meters	75 dB	77 dB
Dimensions: (H x W x D)	42 in x 56 in x 30 in	(107cm x 142cm x 76cm)
Weight	845 lbs (383 kg)	
Lubrication	Pressure Lubrication, capacity 4.5 qts.	

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

Coltri/Nuvair 26 Open

The 26 Open package is designed for high use in hot humid conditions and is rated for continuous duty use up to 6000psi. It has the MCH36 four stage compressor block with a 26.4SCFM charging rate. Purchase, maintenance and operation costs are significantly lower than similar sized compressors in the market place.

Features

- Open configuration for easy access and cool running
- Operation Panel with start/stop, "dial a pressure" automatic shut down, condensate test button, high temperature display, automatic shut down for high temperature and low oil, phase control (proper rotation) recognition, wrong voltage recognition, hour meter, stage and oil pressure gauges
- Low pressure oil pump, filter and oil level sight gauge
- Large Stainless Steel Interstage cooling tubes with large condensate separators
- Dual Filter Filtration 60,000 Cu.. Ft.

Options

- Visual Moisture Indicator
- Additional Filtration



Model	MCH30 / 21 Open	MCH 36 / 26 Open
Filling Time*	Approx. 4 Minutes	Approx. 3.3 Minutes
Cubic Feet/Minute	17.5 FAD 21 SCFM*	22 FAD 26.4 SCFM*
Liters/Minute	500 FAD	623 FAD
Motor	Three Phase	Three Phase
230 V - E3 - 60 Hz	31 Amp 15 hp (11 kw) (Part # 8042.2)	35.5 Amp 20 hp (15 kw) (Part # 8044.2)
400 V - E3 - 50 Hz	18 Amp 15 hp (11 kw) (Part # 8042.6)	20 Amp 20 hp (15 kw) (Part # 8044.6)
460 V - E3 - 60 Hz	16 Amp 15 hp (11 kw) (Part #8042.3)	22 Amp 20 hp (15 kw) (Part # 8044.3)
Max Operating Pressure	6000 PSI (414 Bar)	6000 PSI (414 Bar)
RPM	1100	1300
Number of Stages	4	4
Number of Fill Hoses	4	4
Condensate Drain	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic
Sound Level @ 3 Meters	75 dB	77 dB
Dimensions: (H x W x D)	60 in x 40 in x 30 in (153 x 102 x 76 cm)	
Weight	800 lbs (363 kg)	
Lubrication	Pressure Lubrication, capacity 4.5 qts.	

*Single 80 Cu. Ft. cylinder from 500 to 3000 PSI

Coltri/Nuvair 26 Enclosed Silenced

High volume facilities where sound may be an issue should look at our Enclosed Silent 26.4 SCFM* charging rate compressor, rated for continuous duty at up to 6000psi. Unsurpassed in quality, reliability and price. The Enclosed Silenced package is designed for high use in work areas where noise can not be tolerated.

Features

- Substantial reductions in purchase, maintenance and operation costs as compared to our competition.
- Operation Panel with start/stop, “dial a pressure” automatic shut down, condensate test button, high temperature display, automatic shut down for high temperature & low oil, phase control (proper rotation) recognition, wrong voltage recognition, hour meter, stage & oil pressure gauges
- Automatic Condensate Drains and pressure free start/stop
- Low pressure oil pump, filter & oil level sight gauge
- Large Stainless Steel Interstage cooling tubes with large condensate separators
- Dual Filter Filtration 60,000 Cu.. Ft.
- 20hp or 15hp Electric 3 phase 60 or 50Hz

Options

- Visual Moisture Indicator
- Additional Filtration



Model	MCH30 / 21 Enclosed	MCH36 / 26 Enclosed
Filling Time*	Approx. 4 Minutes	Approx. 3.3 Minutes
Cubic Feet/Minute	17.5 FAD 21 SCFM*	22 FAD 26.4 SCFM*
Liters/Minute	500 FAD	623 FAD
Motor	Three Phase	Three Phase
230 V - E3 - 60 Hz	31 Amp 15 hp (11 kw) (Part # 8043.2)	35.5 Amp 20 hp (15 kw) (Part # 8045.2)
400 V - E3 - 50 Hz	18 Amp 15 hp (11 kw) (Part # 8043.6)	20 Amp 20 hp (15 kw) (Part # 8045.6)
460 V - E3 - 60 Hz	16 Amp 15 hp (11 kw) (Part # 8043.3)	22 Amp 20 hp (15 kw) (Part # 8045.3)
Max Operating Pressure	6000 PSI (414 Bar)	6000 PSI (414 Bar)
RPM	1100	1300
Number of Stages	4	4
Number of Fill Hoses	4	4
Condensate Drain	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic
Sound Level @ 3 Meters	68 dB	70 dB
Dimensions: (H x W x D)	65.5 in x 37 in x 52 in	(169 x 94 x 132 cm)
Weight	925 lbs (420 kg)	
Lubrication	Pressure Lubrication, capacity 4.5 qts.	

*Single 80 Cu. Ft. cylinder from 500 to 3000 PSI

Nuvair 30 and 36 Diesel Open Horizontal

Nuvair set out to develop a flagship continuous duty commercial high pressure compressor when we came up with the open horizontal models. The open horizontal packages are built around the Coltri MCH 30/36 pumping unit and can pump up to 26 SCFM at 6000 psi when charging scuba cylinders. The Coltri compressor block and Kohler diesel are mounted on a steel plate that is placed into a marine grade aluminum frame with belt guard. All packages come with an electric start, 60,000 Cu.Ft. of filtration, auto condensate drains, tach/hour meter, loadless start, independent vibration isolators, 9 gallon fuel tank, enclosed drip pan, four point lifting eyes and fork lift slots.



Features

- 6061 Aluminum Frame: with enclosed bottom, belt guard, lifting eyes, and fork lift slot
- Automatic shut down, automatic shut down for high temp and low oil, hour meter, stage and oil pressure gauges
- 4 cylinder, 4 stage, air cooled compressor, Low pressure oil pump, filter and oil level sight gauge, auto drains
- Open configuration for easy access and cool running
- Two filters are combined for 60,000 Cu.. Ft. of filtration.

Options

• Visual Moisture Indicator	• Additional Filtration	
• Electronic Moisture Monitor	• Powder coating	• Certified Lifting Eyes & Doc. Tube
• Dial A Pressure Shutdown	• Larger Fuel Tank	• Stainless Steel or Steel frame package
• Remote Fill panel	• HP storage under cariage	

Model	MCH 30D / 21 Open Horizontal		MCH 36D / 26 Open Horizontal
Filling Time*	Approx. 4 Minutes		Approx. 3.3 Minutes
SCFM	21 SCFM (595 L/Min)		26.4 SCFM (748 L/Min)
FAD	17.5 CFM (496 L/Min)		22 CFM (623 L/Min)
Max Operating Pressure	6000 PSI (414 Bar)		
Stages & Cylinders	4		
Lubrication	Pressure Lubrication, capacity 4.5 qts.		
Condensate Drain	Automatic		
Fill Pressure Stop	Automatic		
Make and Model of Engine	Kohler 19 hp (14 kW) Model# 8046-DL		Kohler 28.5 hp (21 kW) Model#8048
Dimensions: (H x W x D)	44 in x 64 in x 32 in		(112cm x 163cm x 81cm)
Weight	760 lbs (345 kg)		900 lbs (408 kg)

* Single 80 Cu.. Ft. cylinder from 500 to 3000 PSI

Nuvair Paintball Packages

From small to large fields

Nuvair paintball packages are built to supply air to home users, small and large fields. We have taken and assembled our compressors with fill stations and storage options to meet the various paintball users needs. The 5 packages we offer are based on the amount of players active per day at your field.

Package #1 Gas or Electric \$3,777

Package #1 is made for individual users and small shops. The Nuvair compressor comes with a rigid portable frame and a On/Off fill valve, the line pressure is released with a manual bleed.



Options

- Scuba Fill Yoke \$90.00
- Automatic drains (for electric models) \$620
- Pressure switch(auto shutdown) \$175
- Hour meter \$80

Model	MCH6 / 3 E compact	MCH6 / 3.5 E compact	MCH6 / 3.5 G compact
Filling Time*	Approx. 23 Minutes	Approx. 19 Minutes	Approx. 19 Minutes
Cubic Feet/Minute	2.8 FAD 3.4 SCFM*	3.5 FAD 4.2 SCFM*	3.5 FAD 4.2 SCFM*
Liters/Minute	80 FAD	100 FAD	100 FAD
Motor Options	Single Phase Electric	Three Phase Electric	Honda Gas (Part# 8013-C)
115 V - E1 - 50 or 60 Hz	28 Amp (Part# 8015-C)**	N/A	
230 V - E1 - 50 or 60 Hz	14 Amp (Part# 8014.1-C)**	N/A	N/A
230 V - E3 - 50 or 60 Hz	N/A	11 Amp (Part# 8016.2-C)**	N/A
Driven by	3 hp (2.2 kW)	4 hp (3 kW)	5.5 hp (4 kw)
Max Operating Pressure	4500 PSI (310 Bar)	4500 PSI (310 Bar)	4500 PSI (310 Bar)
RPM	2240	2800	2800
Number of Stages	4	4	4
Number of Fill Hoses	1	1	1
Condensate Drain	Manual	Manual	Manual
Sound Level @ 3 Meters	82 dB	83 dB	87 dB
Dimensions: (H x W x D)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)	19 in x 29 in x 14.5 in (48 x 74 x 37 cm)
Weight	126 lbs (57 kg)	126 lbs (57 kg)	121 lbs (55 kg)
Lubrication	Splash Lubrication, capacity 11 oz.		

The MCH6 is designed for filling Paintball, SCUBA or SCBA tanks one at a time. The compressors are not engineered or manufactured for continuous duty filling of storage tanks or cascade systems of any kind.

Nuvair Paintball Packages

Package #2
Gas or Electric
\$8,920 or \$8,820

Package #2 is great for small to medium paintball fields. The Nuvair Mini-Tech gas or electric can fill one or more storage tanks while providing ample air to the fill station. An optional pressure regulator can be mounted on the fill station or on the storage tank. Features include: 8.9 SCFM Mini-Tech compressor, PN1 Fill Panel, two tanks, two hoses, hardware and installation video.



Model	PK2G	PK2E
Price	\$8,920.00	\$8,820.00
Compressor	Mini-Tech 8.9 SCFM Gas	Mini-Tech 8.9 SCFM Electric 220V E1 or E3
Driven by	7.5 hp Honda (5.5 kW)	5.5 hp (4 kw) Single or Three Phase
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
Cubic Feet/Minute - Liters/Minute	7.6 FAD - 215 L/min	
RPM	1250	
Number of Stages	3	
Condensate Drain	Manual	
Sound Level @ 3 Meters	90 dB	81 dB
Lubrication	Splash Lubrication, capacity 1.6 qts.	
Dimensions: (H x W x D)	25 in x 34 in x 18 in (64 x 86 x 45 cm)	
Number of Storage Tanks	2 - 4500 psi - 437 cu ft. each bottle - with fittings & hoses	
Hose	8 ft. and 12 ft.	
Recommended Options		
Electric/Motor Starter	NA	\$316.00
Auto Drains	\$1,032.00	\$920.00
Pressure Switch	\$175.00	
Hour Meter	Standard	\$80.00
PN1R - Regulated Fill Station	\$250.00	
PN2 - Two Tank Fill Station	\$600.00	

Nuvair Paintball Packages

Package #3 Gas or Electric \$10,730 or \$10,830

Package #3 is great for large paintball fields. The Nuvair 9 gas or electric can fill one or more storage tanks while providing a considerable volume of air to the fill station. The pressure regulator can be mounted on the fill station or on the storage tanks. The two-man fill station has two toggle actuated fill valves that relieve the line pressure when released. Installation video included.



Model	PK3G	PK3E
Price	\$10,730.00	\$10,830.00
Compressor	Mini-Tech 10.8 SCFM Gas	Mini-Tech 10.8 SCFM Electric 220V E1 or E3
Driven by	9 hp Honda (6.6 kW) Single or Three Phase	7.5 hp (5.5 kw) Single or Three Phase
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
Cubic Feet/Minute - Liters/Minute	9.4 FAD - 265 L/min	
RPM	1550	
Number of Stages	3	
Condensate Drain	Manual	
Sound Level @ 3 Meters	90 dB	82.3 dB
Lubrication	Splash Lubrication, capacity 1.6 qts.	
Dimensions: (H x W x D)	24 in x 45 in x 22 in (61 x 114 x 56 cm)	
Number of Storage Tanks	4 - 4500 psi - 437 cu ft. each bottle - with fittings & hoses	
Hose	8 ft. and 12 ft.	
Optional Enclosure for Electric Model		\$3,000.00
Nuvair Compact: includes recommended options accept PN-4		
	Recommended Options	
Electric/Motor Starter	\$285.00	\$325.00
Auto Drains	\$920.00	\$920.00
Pressure Switch		\$175.00
Hour Meter	Standard	\$80.00
Battery & Cable	\$100.00	N/A
PN4: 4 Tank Fill Station		\$360.00

Nuvair Paintball Packages

Package #4 Gas or Electric \$11,840 or \$11,940

Package #4 is great for large Paintball fields with 100-200 recreational players. PK4 includes a Mini Tech 9 gas or electric 220V powered 10.8 SCFM compressor, 6 storage tanks, hardware, Installation video, 4 man filling panel with 2 fills regulated at 3000PSI and 2 fills unregulated at 4500PSI.



Model	PK4G	PK4E
Price	\$11,840.00	\$11,940.00
Compressor	Mini-Tech 10.8 SCFM Gas	Mini-Tech 10.8 SCFM Electric 220V E1 or E3
Driven by	9 hp Honda (6.6 kW)	7.5 hp (5.5 kw) Single or Three Phase
Max Operating Pressure	5000 PSI (345 Bar)	5000 PSI (345 Bar)
Cubic Feet/Minute - Liters/Minute	9.4 FAD - 265 L/min	
RPM	1550	
Number of Stages	3	
Condensate Drain	Manual	
Sound Level @ 3 Meters	90 dB	82.3 dB
Lubrication	Splash Lubrication, capacity 1.6 qts.	
Dimensions: (H x W x D)	24 in x 45 in x 22 in (61 x 114 x 56 cm)	
Number of Storage Tanks	6 - 4500 psi - 437 cu ft. each bottle - with fittings & hoses	
Hose	8 ft. and 12 ft.	
Optional Enclosure for Electric Model Nuvair Compact: includes recommended options		\$3,000.00
Recommended Options		
Electric/Motor Starter	\$285.00	\$316.00
Auto Drains	\$920.00	\$920.00
Pressure Switch		\$175.00
Hour Meter	Standard	\$80.00
Battery & Cable	\$100.00	N/A
Low Oil		\$175.00

Nuvair Paintball Packages

Package #5

Electric

\$29,583 or \$30,643

Package #5 is great for large Paintball fields with 100-200 recreational players. PK4 includes a Vertical electric 220V powered 21 or 26 SCFM compressor, 6 storage tanks, hardware, Installation video, 4 man filling panel with 2 fills regulated at 3000PSI and 2 fills unregulated at 4500PSI.



Model	PK5E MCH30	PK5E MCH36
Price	\$29,583.00	\$30,643.00
Compressor	MCH30 17.5 CFM	MCH36 22 CFM
Driven by	230 -460 V 15hp (11 kW) 3 phase	230 -460 V 20hp (15 kW) 3 phase
Max Operating Pressure	6000 PSI (413 Bar)	6000 PSI (413 Bar)
Cubic Feet/Minute - Liters/Minute	21 SCFM - 500 L/m	26 SCFM - 623 L/m
RPM	1100	1300
Number of Stages	4	
Condensate Drain	Auto Drains	
Sound Level @ 3 Meters	75 dB	77 dB
Lubrication	Pressure Lubrication, capacity 4.5 qts.	
Dimensions: (H x W x D)	66.5 in x 37 in x 52 in (153 x 102 x 76 cm)	
Number of Storage Tanks	4 - 6000 psi - 510 cu ft. each bottle - with fittings & hoses	
Hose	30 ft.	
	Options	
Diesel Engine Package		\$38,598.00
Extra 6000 PSI cylinders		\$1433.00
Extra 6000 PSI Hose		\$7.24 per foot

Nuvair 751

(Part #: quart - 9405, gallon - 9403)

Premium Synthetic Diester Based Air Compressor Oil

HP Breathing & Industrial Reciprocating Compressors

Application

Nuvair™ 751 is a Diester/Organic compound blend, which is compatible with most currently used compressor components including seals, paints and plastics. However, some materials are not recommended for use with diester oils. Please contact Nuvair for further information. Certain conditions require accelerated oil changes, as there are many factors, including heat and oxidation that cause oil degradation. Call for our recommendation.

Characteristics:

- Available in quart, gallon, and five-gallon containers
- Outstanding thermal and oxidative stability
- Will not varnish or form carbon deposits
- Wide operating temperature range
- Built in detergency action
- Extended oil life reduces oil disposal, thus increasing cost effectiveness



<u>Typical Properties</u>	<u>ASTM Test Method</u>	<u>Nuvair™ 751</u>
SAE Grade		40
ISO Viscosity Grade	D-2422	150
Viscosity, cSt @ 104°F cSt @ 40°C	D-445	164cSt
Viscosity Index	D-2270	80
Pour Point	°C D-97 °F D-97	-34 -30
Flash Point	°C D-92 °F D-92	271 520
Carbon Residue	D-189	<0.02%
Evaporation	D-972	0.90%
Foaming Sequence I, II, III	D-892	Nil
Copper Corrosion	D-130	1A
Specific Gravity	D-1298	0.94
USDA Authorization	H1 or H2	H-2
Demulsibility	D-1401	Excellent

Nuvair 800

(Part #: quart - 9414, gallon - 9412)

Application

Nuvair™ 800 is a high viscosity synthetic oil based on the latest technology. Using a highly stable triester base fluid, the product is designed for use in reciprocating compressors under adverse conditions of high temperature and high pressure.

Characteristics:

- Thermally stable
- No deposits
- Excellent heat transfer characteristics
- Low volatility
- Low toxicity

<u>Typical Properties</u>	<u>ASTM Test Method</u>	<u>Nuvair™ 800</u>
ISO Viscosity Grade	D2422	150
Viscosity		
cSt. @ 100° C	D445	14.1
cSt. @ 40° C	D445	145.9
cSt. @ 210° F	D445	13.6
cSt. @ 100° F	D445	175.1
Pour Point	°C D97 °F D97	-29 -20
Flash Point	°C D92 °F D92	287 550
Auto Ignition Temp	°C D1255 °F D1255	390 735
Water Solubility 0.01 g/l @20° C	D1255	Insoluble
Specific Gravity	D1298	0.970
Lbs/Gallon		8.08
Evaporation	D972	<1.0%

Nuvair Paintball Fill Stations

Single to four fill outlets in standard and custom configurations

Nuvair fill stations are used worldwide on commercial paintball fields and by independent paintball players looking to fill their own tanks. We have tailored packages and can build a custom package to meet the needs of field operators with special considerations. All Nuvair fillstations are constructed of stainless steel, high quality fittings and custom workmanship. Our fill hoses use a rubber weight to prevent it from whipping if pressurized.

Standard Features

- Stainless Steel
- High Quality Fittings
- Fill Pressure Gauges
- Working pressure to 5000 PSI
- Stainless Steel Tubing
- Rubber Weight on Fill Hose

Options

- Inlet Check Valve
- Regulator
- Custom Design



PN1

The single fill station can be installed and operated at the paintball field or in a shop. The station includes a toggle actuated fill valve that relieves the line pressure when released. The maximum input pressure is 5000 PSI.



PN4

The four man station is designed for large fields. Two of the fill lines can be regulated to 3000 PSI while the other two will be unregulated to storage pressure.



PN1R

The single regulated fill station includes an adjustable pressure regulator mounted on the fill station, a pressure gauge, and a toggle actuated fill valve that relieves the line pressure when released. The maximum input pressure is 6000 PSI.



PN2

The dual fill station is made for fields or shops that need the speed of having a dedicated fill hose for 3000 PSI and a second fill hose for 4500 PSI. There are two gauges; one reads the regulated pressure and the other reads the bank pressure for filling 4500 PSI fills. The dual station includes an adjustable pressure regulator mounted on the fill station that controls one side. Toggle actuated fill valves relieve the line pressure when released.

Nuvair Paintball Accessories

Nuvair manufacturers a range of accessories for paintball players and fields. We have many stock tank fill adaptors for charging Paintball tanks from SCBA bottles, Scuba bottles and storage banks.



PB415-6000

High quality, piston type, hand load regulator. Standard inlet pressure of 6000 PSI. Regulator seat is protected by a 30 micron filter (2.25 inch diameter x 5.5 inch high). Sold with CGA 347 nut nipple for regulating storage to fill panels. Stainless gauges read storage pressure and regulated pressure.



PB45015

SCBA Tank to Paintball Tank



PB45014

SCBA Fill Station to Paintball Tank



P3010

Paintball fill adapter with high pressure on/off valve and bleed valve.



PB-Whip
Paintball Fill Whip



On / Off Valve



CGA Fittings



Quick Release
Hose Ends



Steel & Stainless fittings
NPT, JIC, SAE



Bleed Valves



Interstage Pressure Gauges



PB450
Scuba tank to Paintball
Tank Fill Adapter



Visual Moisture

Nuvair High Pressure Air Storage

10 year Hydro Test HP Cylinders

We are taking advantage of the latest cylinder technology available. Our new storage tanks are light weight 4500, 5000, and 6000 PSI tanks that can be filled and transported across most of the world's borders, but best of all they have a 10 year hydro test interval and U.S. standard $\frac{3}{4}$ "-14 valve inlet threads. All Cylinders are designed under specification ISO 9809-Parts 1 & 2; and are dot qualified.

Standard Features

- DOT-E10869-4500/ TC-SU4369-310
- 10 years International
- Can be used horizontal or in vertical position
- 4500 psi 437 cu ft.
- 5000 psi 472 cu ft.
- 6000 psi 510 cu ft.

Nuvair offers stock and custom designed storage racks for your high pressure tanks. Vertical or horizontal racks made from heavy duty steel cradle and manifold systems are included. Our standard racks accommodate 6, 12, 16 or 18 tanks and custom racks that can do what ever is needed.

We also offer plumbing for storage systems in standard 6000 psi flexible hose or custom stainless steel tube. Let us know what your looking for and we will build to your needs.



CGA Tank Valve



Storage Regulator



High Pressure Hoses
Stock and Custom



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