

Mounted to a four tank heavy-duty steel storage rack with a choice of air or nitrogen high-pressure storage cylinders, Nuvair's flagship commercial grade compressor—the continuous-duty Coltri MCH36 pumping unit—delivers up to 27 SCFM at 6000 psi. The Coltri compressor block and Kubota diesel engine are mounted on a vibration-isolated steel base frame that is placed into a powder-coated steel crash frame with belt guard. The four tanks are split into two banks by a stainless steel distribution panel equipped with a high-pressure / high-pressure regulator for controlled pressure filling.

FEATURES

Compressor

- Four cylinder, four stage, air-cooled
- Interstate pressure gauges
- Two large interstage condensate separators
- Large stainless steel interstage cooling tubes
- Low pressure oil pump with filter
- Oil level sight gauge and oil pressure gauge
- Automatic condensate drains
- Low oil shutdown switch
- High temperature shutdown switch
- SEP-15 high pressure moisture separator
- Triple filter filtration (90,000 cu ft)
- Visual CO / moisture indicator
- Powder-coated steel frame and belt guard
- Vibration isolation frame mounts
- No load start / idle control
- Certified 13-gallon fuel tank

Engine

- Kubota D1803 diesel
- Hayes bearing support block
- Hour meter
- Loadless start

Digital Engine Control Panel

Monitors and displays engine oil pressure, coolant temperature, engine RPM, engine hours, battery voltage, fault indication, and manual throttle control. Engine shuts down when safety switch activates.

OPTIONS

- Nuvair Pro CO Analyzer with audible alarm
- Nuvair Pro H₂O (moisture) Analyzer
- Diester based lubricant
- Quad air filtration (120,000 cu ft)
- 6000 psi (414 bar) system upgrade
- Choice of 4500, 5000 & 6000 psi rated air or nitrogen storage tanks



SPECIFICATIONS

	SKU 8048DK-S
Fill Time*	~ 3 minutes
Charging Rate*	27 SCFM (764 L/min)
CFM FAD	22.5 CFM (637 L/min)
Max Operating Pressure	5000 psi (345 bar)
RPM	1300
Number of Stages	4
Storage Bank Capacity	≤ 2042 cu ft (58 m ³) of air at 6000 psi (414 bar)
Air Quality	Grade E
Engine	Kubota D1803 Diesel, 37 hp (28 kW), 2400 RPM
Dimensions (L x W x H)	64 x 44 x 56 in (163 x 112 x 142 cm)
Weight	Approximately 2500 lb (1134 kg)

*Based on 80 cu ft cylinder from 500 to 3000 psi.