

FEATURES

- Full featured for automatic operation
- 10 CFM Nuvair Membrane System
- Two (2) oxygen analyzers (permeate and fill O₂ analyzers)
- Electric power (single- or three-phase)
- High-pressure compressor pumps air up to 4500 psi (310 bar) and 22–40% nitrox to 3600 psi (250 bar)
- LP compressor pumps air to 175 psi (12 bar) for membrane supply
- Norgren LP air filtration
- Automatic Dial-a-Pressure (DAP) shutdown
- Automatic LP/HP condensate drains
- Cabinet temperature gauge
- Push button on/off motor starters
- LP/HP hour meters
- External oil sight gauge, fill and drain
- Cooling fans
- High cabinet temperature shutdown



ADVANTAGES

- Complete state-of-the-art LP/HP nitrox generating system.
- Pump HP air or nitrox containing up to 40% oxygen with none of the costs, hassles, or hazards of O₂ blending.
- Simplest, most cost-effective solution available.
- Semi-silenced enclosure reduces operating noise.
- Allowed ambient temperature range: 32–100°F (0–38°C).
- Aftercooler heat rejection: Outlet air temperature reduced to within 20°F (11°C) of ambient temperature.

OPTIONS

- Trimix
- Low oil shutdown
- HP filtration upgrades
- LP refrigerated air dryer for extended LP filter life
- Carbon monoxide (CO) analyzer with alarm
- HP interstage pressure gauges

¹ Only available with 2 × 5.5 hp (4 kW) motors.

² Based on 80 cu ft cylinder from 500 to 3000 psi.

SPECIFICATIONS

Dimensions (L × W × H)	49 × 38 × 52 in (125 × 97 × 133 cm)
Weight	840 lb (382 kg)
208-230V / E1 / 60Hz ¹	56.4A 5.5 hp (4 kW) SKU 7050.1
208-230V / E3 / 60Hz	50.1A 7.5 hp (5.5 kW) SKU 7050.2
440-480V / E3 / 60Hz	27.0A 7.5 hp (5.5 kW) SKU 7050.3
208-230V / E3 / 50Hz	43.1A 7.5 hp (5.5 kW) SKU 7050.5
380-415V / E3 / 50Hz	32.0A 7.5 hp (5.5 kW) SKU 7050.6
HP Pump	MCH16
LP Compressor	23 CFM (665 L/min)
Capacity @ 175 psi	7.5 hp (5.5 kW)
Volume Tank	15 gal (57 L)
Membrane Input	
Operating Pressure	90–170 psi (6–12 bar)
Supply Air Volumes	13–25 SCFM (354–708 L/min)
Optimum Temperature	110°±5°F (43°±3°C)
Nitrox Compressor	7.5 hp (5.5kW)
Fill Time ²	~9 minutes
Charging Rate ²	11.3 SCFM (320 L/min)
CFM FAD	9.4 CFM (266 L/min)