

QUINCY 390 & MCH36 ELECTRIC NITROX SYSTEM

Complete state-of-the-art LP/HP Nitrox Generating System. The compressors can be used independently to provide HP or LP air or together to provide HP Nitrox. The system has a constant adjustable flow of Nitrox from 22% to 40% @ 26.4 SCFM.

FEATURES

- Coltri high pressure MCH36, 4-stage, 4-cylinder, air cooled, oil pressure lubricated compressor
- HP compressor with 20 hp motor
 - Nitrox up to 3600 psi @ 26.4 SCFM
 - Air up to 5000 psi @ 26.4 SCFM
- 60,000 cu ft of HP filtration Grade E
- HP auto condensate drains
- Quincy 390, 2-stage, pressure lubricated, compressor with low oil carry over rings
- LP air filtration: Hankison Series 24
 - Auto drains/DP gauges
 - Coalescing 1.0 micron
 - Fine polishing .01 micron
 - Oil vapor removal .003 PPM
- LP back pressure regulator for O₂% adjustment
- Air tank - 60-gallon
- Supplying Grade D air
- LP compressor – 20 hp - 69 CFM @ 175 psi
- HP and LP Motors are 3-phase 208-230 or 440-480 V, 50/60 Hz with motor starter and on/off switch.
- HP and LP low oil, high temp and automatic shutdown
- LP auto condensate drains
- Heavy duty frame with vibration isolated inside frame
- Stainless steel fill panel
- Base pan
- Lifting eyes and forklift slots



NITROX MEMBRANE SYSTEM

- (2) Pro O₂ Analyzers, one with in-line sensor
- Air intake filter and static mixing tube
- Auto thermostatic control
- Synthetic food grade compressor lubricant for nitrox breathing air applications

OPTIONS

- Quincy 370 with 21 SCFM HP compressor
- EK76 Rotary Screw Compressor (no volume tank required)
- Canvas cover
- Refrigerated dryer and separator
- CO Alarm Analyzer with shutdown capability
- CO₂ Alarm Analyzer with shutdown capability
- O₂ Alarm Analyzer with shutdown capability
- Moisture Alarm Analyzer with shutdown capability
- Pro 4 Warn

SPECIFICATIONS

Dimensions (L x W x H)	80 x 48 x 57 in (203.2 x 121.9 x 144.8 cm)
Weight	2600 lbs (1179 kg)
208-230 V / E3 / 50 Hz	108 amps SKU: 7058.5
208-230 V / E3 / 60 Hz	108 amps SKU: 7058.2
380-415 V / E3 / 50 Hz	60 amps SKU: 7058.6
440-480 V / E3 / 60 Hz	50 amps SKU: 7058.3
Compressors	
LP Compressor	Capacity @ 175 psi 69 CFM (1954 L/min)
HP Compressor	Capacity @ 3600 psi 26.4 SCFM (702 L/min)
Volume Tank Capacity	60 gal (227 L)