

The Nuvair MCH72-PLC high-pressure breathing air compressor is equipped with a human machine interface (HMI) touchscreen system controller that allows users to monitor compressor activity and identify alarm events. Designed with two (2) Coltri MCH36 compressor blocks, the MCH72 automatically designates a "lead" and "lag" compressor and changes this designation every seven (7) days, making this system the perfect solution for critical applications. Combined charging rate for the MCH72-PLC is 44 SCFM (1246 L/min).

SYSTEM COMPONENTS

- Two (2) Coltri MCH36 High Pressure Air Compressors
 - Each Compressor: 4 Cylinder, 4 Stage, Air Cooled
- Nuvair PLC & Touchscreen Controller
- Digital Multigas Analyzer: CO / Moisture / CO₂ / VOC
- Hour Meter
- Electric Motor: 208-230V, 440V, or 460V; 3 Phase, 50Hz or 60Hz
- Interstate Pressure Gauges
- (3) Condensate Separators on Each Compressor
- Large Stainless Steel Interstage Cooling Tubes
- Low Pressure Oil Pump with Filter
- Oil Level Sight Gauge and Oil Pressure Gauge
- Automatic Condensate Drains
- Loadless Start
- Low Oil Shutdown Switch
- Final Stage Head
- High Temp Switch set at 350°F
- (4) CAN-35 Filtration Towers
 - (3) Dryer Filter Elements
 - (1) Triplex Filter Element
 - 130,000 cu ft
- Aluminum Frame with Isolation Vibration Mounts



SKU 8059.3



SPECIFICATIONS

Compressor Models	Two (2) Coltri MCH36
Charging Rate	22 SCFM (623 L/min) × 2
Filling an 80 cu ft tank from 500 psi	Total Charging Rate: 44 SCFM (1246 L/min)
Maximum Operating Pressure	6000 psi (414 bar)
Pumping Unit RPM	1350
Number of Stages	4 × 2
Dimensions (H × W × L)	78" (195cm) × 38" (97cm) × 50" (127cm)
Weight (Shipping)	~1950 lb (885 kg)
Lubrication	Pressure Lubrication, capacity 1.2 gal (4.5L) × 2