



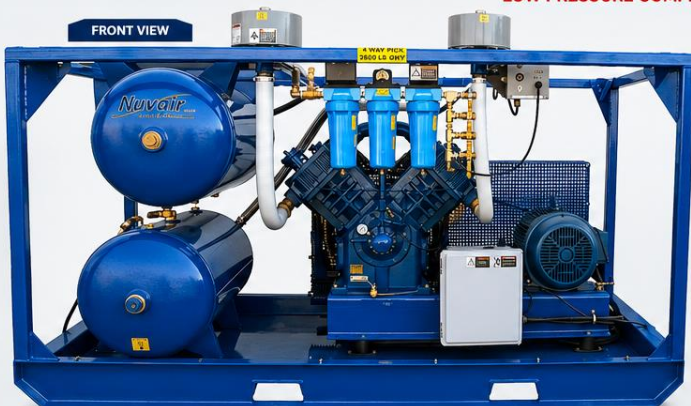
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# LP Breathing Air Compressor Specification

## LP Breathing Air Compressor – DMES-LPC-002 Specification

### LP BREATHING AIR COMPRESSOR DMES-LPC-002

• LOW PRESSURE COMPRESSOR (BREATHING AIR) •



#### AIR FILTRATION SYSTEM



HF7 & HF5 Filters with Auto-Drain Floats & DP Indicators.

HF1 Filter with Manual Drain – Should not Contain Moisture

Air Flow



HF7-24 Particle Removal

HF5-24 Coalescing & Water/Oil Vapor Removal

HF1-24 Oil Vapor Removal

#### MAINTENANCE PROCEDURE

- 1 Push up on the Bowl, rotate CCW, and lower to remove.
- 2 Gently rotate Filter Element and pull down off mounting post.
- 3 Replace Element and reassemble in reverse order.



DP Indicator Changes from Green to Red. Yellow indicates filter needs to be replaced. Do Not Use When Red.



#### SPECIFICATIONS

Manufacturer : Quincy

Model : QR 5120 E

Plant & Serial No. : DMES-LPC-002 (QB1305100116)

Type : Low Pressure Compressor (Breathing Air)

Motor Drive : 230 / 415 / 460 V / E3 / 50 or 60 Hz

Motor Power : 25 Hp (18.6 kW)

Max. Operating Pressure : 200 PSI (14 Bar)

RPM : 951

Number of Stages : 2

Lubrication : Pressure Lubrication

Air Quality : Grade D Breathing Air

Dimensions : 96 x 55 x 48 in. (244 x 140 x 122 cm)

Weight : 2900 lbs (1315 kg)

#### KEY FEATURES

- High quality reliable electric motor
- Low oil carry over compression rings
- LVD control
- Air cooler
- (2) ASME rated 60 gallon volume tanks
- Hankinson filtration to 0.003 ppm oil vapor
- Simple to operate, reliable and versatile
- Four point lift
- Four diver manifold

#### OPTIONS

- Pro CO Analyzer with low pressure alarm
- Low pressure regulator for downstream pressure
- CO, CO<sub>2</sub>, or O<sub>2</sub> Analyzers
- Audible and visual alarms for high temp, low oil and CO
- Shutdown for high temp, low oil, CO
- Stainless steel volume tanks
- Certified frame / lifting eyes
- 30 hp motor @ 95 CFM (2690 L/min)
- 250 PSI (17 Bar)

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