

FEATURES

- Air cooled
- Nitrox membrane system with (2) O₂ analyzers
- EK76 rotary screw compressor
- Hankison LP filtration for membrane system
- Refrigerated air dryer for long filter life
- Manual BP regulator control for O₂% adjustment
- Automatic condensate drains
- Automatic shutdown for high pressure and high temperature
- Compressor pressure is modulation controlled
- Marine grade aluminum frame with stainless steel motor plate
- Soft start
- Flange for connecting ducting to remove hot air
- Membrane system mounted to frame

ADVANTAGES

- Cost-effective nitrox system
- Supply LP nitrox containing up to 40% oxygen
- Lower costs, less hassles and hazards compared to O₂ blending
- Systems to fit most HP compressors
- Soft start for reduced amperage draw on start

SPECIFICATIONS

Model	LP280 10 hp (7.5 kW)	LP300 10 hp (7.5 kW)	LP450 15 hp (11 kW)	LP600 20 hp (15 kW)	LP750 20 hp (15 kW)
Dimensions (L x W x H)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)
Weight ¹	580 lb (263 kg)	570 lb (259 kg)	620 lb (281 kg)	740 lb (335 kg)	800 lb (363 kg)
208-230V / E1 / 60Hz	50A SKU 7060.1ME-EK76-AC	N/A	N/A	N/A	N/A
208-230V / E3 / 60Hz ²	N/A	33A SKU 7060.2ME-EK76-AC	47A SKU 7061.2ME-EK76-AC	63A SKU 7062.2ME-EK76-AC	64A SKU 7063.2ME-EK100-AC
440-480V / E3 / 60Hz	N/A	18A SKU 7060.3ME-EK76-AC	22A SKU 7061.3ME-EK76-AC	29A SKU 7062.3ME-EK76-AC	33A SKU 7063.3ME-EK100-AC
380-415V / E3 / 50Hz	N/A	15A SKU 7060.6ME-EK76-AC	29A SKU 7060.6ME-EK76-AC	35A SKU 7062.6ME-EK76-AC	38A SKU 7063.6ME-EK100-AC
LP Compressor					
Capacity @ 175 psi	29 CFM (821 L/min)	29 CFM (821 L/min)	46 CFM (1303 L/min)	57 CFM (1614 L/min)	81 CFM (2294 L/min)
Membrane Input					
Operating Pressure	100–175 psi (7–12 bar)	100–175 psi (7–12 bar)	100–175 psi (7–12 bar)	100–175 psi (7–12 bar)	100–175 psi (7–12 bar)
Optimum Temperature	110° ±5°F (43° ±3°C)	110° ± 5°F (43° ±3°C)	110° ±5°F (43° ±3°C)	110° ±5°F (43° ±3°C)	110° ±5°F (43° ±3°C)
Rated to Supply					
FAD for 40% O ₂	10 CFM (280 L/min)	11 CFM (311 L/min)	16 CFM (450 L/min)	22 CFM (623 L/min)	26.5 CFM (750 L/min)
FAD for 36% O ₂	12.5 CFM (350 L/min)	14 CFM (396 L/min)	20 CFM (566 L/min)	28 CFM (793 L/min)	33.5 CFM (948 L/min)
FAD for 32% O ₂	17 CFM (480 L/min)	19 CFM (538 L/min)	27.5 CFM (779 L/min)	38 CFM (1076 L/min)	46 CFM (1301 L/min)

¹ Model weight may vary depending on the electronic motor type. ² Part numbers do not include 50 Hz models. For more information, please contact the Nuvair sales team.

OPTIONS

- Nitrox manager
- Low / high CO, CO₂ or O₂ alarm or shutdown
- Remote operation capability
- Frequency drive for easy start
- Wall mounted membrane system
- Sound shield

