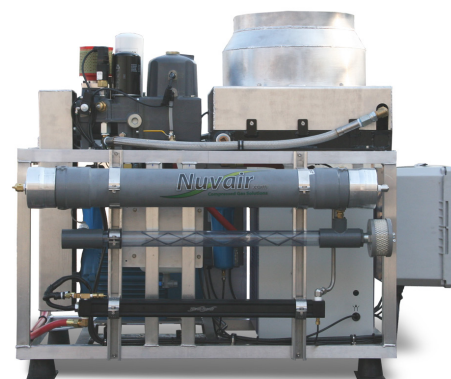


FEATURES

- 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

OPTIONS

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



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)	LP1000 · 30 hp (22 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)	27 × 41.5 × 40.5 in (68.6 × 105 × 103 cm)
Weight ¹	580 lb (263 kg)	580 lb (263 kg)	620 lb (281 kg)	740 lb (335 kg)	800 lb (363 kg)	850 lb (386 kg)
208-230V / E1 / 60Hz	54A · 7060.1ME-EK76-AC	N/A	N/A	N/A	N/A	N/A
208-230V / E3 / 60Hz ²	N/A	30A · 7060.2ME-EK76-AC	48A · 7061.2ME-EK76-AC	64A · 7062.2ME-EK76-AC	64A · 7063.2ME-EK100-AC	80A · 7064.2ME-EK100-AC
440-480V / E3 / 60Hz	N/A	16A · 7060.3ME-EK76-AC	21A · 7061.3ME-EK76-AC	33A · 7062.3ME-EK76-AC	33A · 7063.3ME-EK100-AC	40A · 7064.3ME-EK100-AC
380-415V / E3 / 50Hz	N/A	19A · 7060.6ME-EK76-AC	24A · 7060.6ME-EK76-AC	38A · 7062.6ME-EK76-AC	38A · 7063.6ME-EK100-AC	42A · 7064.6ME-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)	95 CFM (2690 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)	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)	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)	38 CFM (1019 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)	49 CFM (1387 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)	65 CFM (1840 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.