

### FEATURES

- Air cooled
- Nitrox membrane system with (2) O<sub>2</sub> analyzers
- EK76 rotary screw compressor
- Hankison LP filtration for membrane system
- Refrigerated air dryer for long filter life
- Manual BP regulator control for O<sub>2</sub>% 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 O<sub>2</sub> 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 <sup>1</sup>	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 <sup>2</sup>	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 <sub>2</sub>	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 <sub>2</sub>	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 <sub>2</sub>	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)

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

### OPTIONS

- Nitrox manager
- Low / high CO, CO<sub>2</sub> or O<sub>2</sub> alarm or shutdown
- Remote operation capability
- Frequency drive for easy start
- Wall mounted membrane system
- Sound shield

