

## FEATURES

- Silenced cabinet
- Nitrox membrane system with (2) O<sub>2</sub> analyzers
- EK76 or EK100 rotary screw compressor
- Hankison LP filtration for membrane system
- Refrigerated air dryer for long filter life
- Automatic condensate drains
- Automatic shutdown for high pressure and temperature
- Soft start

## ADVANTAGES

- Simplest, most cost-effective nitrox systems available
- 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
- Rotary screw LP compressor provides quiet operation and low maintenance



## 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 with Dryer (L x W x H)	45.5 × 49 × 61 in (116 × 125 × 155 cm)					
Weight <sup>1</sup>	985 lb (447 kg)	1050 lb (476 kg)	1050 lb (476 kg)	1110 lb (503 kg)	1250 lb (567 kg)	1300 lb (590 kg)
208-230V / E1 / 60Hz	54A · 7060.1ME-EK76-DR	N/A	N/A	N/A	N/A	N/A
208-230V / E3 / 60Hz <sup>2</sup>	N/A	30A · 7060.2ME-EK76-DR	48A · 7061.2ME-EK76-SI	64A · 7062.2ME-EK76-SI	64A · 7063.2ME-EK100-SI	80A · 7064.2ME-EK100-SI
440-480V / E3 / 60Hz	N/A	16A · 7060.3ME-EK76-DR	21A · 7061.3ME-EK76-SI	33A · 7062.3ME-EK76-SI	33A · 7063.3ME-EK100-SI	40A · 7064.3ME-EK100-SI
380-415V / E3 / 50Hz	N/A	19A · 7060.6ME-EK76-DR	24A · 7060.6ME-EK76-SI	38A · 7062.6ME-EK76-SI	38A · 7063.6ME-EK100-SI	42A · 7064.6ME-EK100-SI
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 <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)	38 CFM (1019 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)	49 CFM (1387 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)	65 CFM (1840 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.