

FEATURES

- Water cooled
- Heat exchangers use fresh or seawater for air and oil cooling
- Nitrox membrane system with (2) O₂ analyzers
- EK100 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

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
- Water cooling and compact size allow installation below deck in hot engine rooms with limited space
- Marine grade heat exchangers with replaceable zinc anodes
- Soft start for reduced amperage draw on start

OPTIONS

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



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)	45.5 x 49 x 61 in (116 x 125 x 155 cm)	45.5 x 49 x 61 in (116 x 125 x 155 cm)	45 x 49 x 61 in (116 x 125 x 155 cm)	45 x 49 x 61 in (116 x 125 x 155 cm)	45 x 49 x 61 in (116 x 125 x 155 cm)
Weight ¹	1060 lb (481 kg)	1050 lb (476 kg)	1051 lb (477 kg)	1110 lb (503 kg)	1250 lb (567 kg)
208-230V / E1 / 60Hz	54A SKU 7060.1ME-EK76-WC	N/A	N/A	N/A	N/A
208-230V / E3 / 60Hz ²	N/A	30A SKU 7060.2ME-EK76-WC	48A SKU 7061.2ME-EK76-WC	64A SKU 7062.2ME-EK76-WC	64A SKU 7063.2ME-EK100-WC
440-480V / E3 / 60Hz	N/A	16A SKU 7060.3ME-EK76-WC	21A SKU 7061.3ME-EK76-WC	33A SKU 7062.3ME-EK76-WC	33A SKU 7063.3ME-EK100-WC
380-415V / E3 / 50Hz	N/A	19A SKU 7060.6ME-EK76-WC	24A SKU 7060.6ME-EK76-WC	38A SKU 7062.6ME-EK76-WC	38A SKU 7063.6ME-EK100-WC
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.