

Water Cooled LP Marine Nitrox Generator Series

SKU: 7060-7064ME-EK76-EK100-WC

Price: ?0.00



Description

Features

- Water cooled
- Heat exchangers use fresh or seawater for air and oil cooling
- Nitrox membrane system with (2) O₂ analyzers
- CompAir rotary screw compressor
- Hankison LP Filtration for Membrane System
- Refrigerated air dryer for long filter life
- Manual back pressure 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

- Simplest, most cost-effective nitrox system available
- Supply LP nitrox containing up to 40% oxygen (EANx40)
- Lower costs, less hassles and hazards compared to O₂ partial-pressure 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-up

Options

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

Specifications

Model	LP280ME	LP300ME	LP450ME	LP600ME
Horsepower	10 hp · 7.5 kW	10 hp · 7.5 kW	15 hp · 11.2 kW	20 hp · 14.9 kW
208-230 V / E1 / 60 Hz	50 A 7060.1ME-EK76-WC	N/A	N/A	N/A
208-230 V / E3 / 60 Hz¹	N/A	33A 7060.2ME-EK76-WC	47A 7061.2ME-EK76-WC	63A 7062.2ME-EK76-WC
380-415 V / E3 / 50 Hz	N/A	18A 7060.6ME-EK76-WC	22A 7061.6ME-EK76-WC	29A 7062.6ME-EK76-WC
440-480 V / E3 / 60 Hz	N/A	15A 7060.3ME-EK76-WC	29A 7061.3ME-EK76-WC	35A 7062.3ME-EK76-WC
LP Compressor Capacity @ 175 psi	29 CFM · 821 L/min	29 CFM · 821 L/min	46 CFM · 1303 L/min	57 CFM · 1610 L/min
Rated to Supply				
- FAD for 40% O ₂	10 CFM · 280 L/min	11 CFM · 300 L/min	16 CFM · 450 L/min	21 CFM · 590 L/min
- FAD for 36% O ₂	12.5 CFM · 350 L/min	14 CFM · 396 L/min	20 CFM · 566 L/min	26.5 CFM · 750 L/min
- FAD for 32% O ₂	17 CFM · 480 L/min	19 CFM · 537 L/min	27.5 CFM · 780 L/min	36 CFM · 1010 L/min
Weight²	580 lb · 263 kg	580 lb · 263 kg	620 lb · 281 kg	740 lb · 335 kg
Dimensions (L x W x H)			27 x 41.5 x 40.5 (68.6 x 105 x 102)	30 x 41.5 x 40.5 (76.2 x 105 x 102)
Membrane Input				
- Operating Pressure			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)

¹For information about 50 Hz models, please [contact the Nuvair sales team](#) for assistance.

²Indicated weight does not include membranes.

Water cooled compressors require a water flow of 4–10 gallons/minute. Water pump not included.