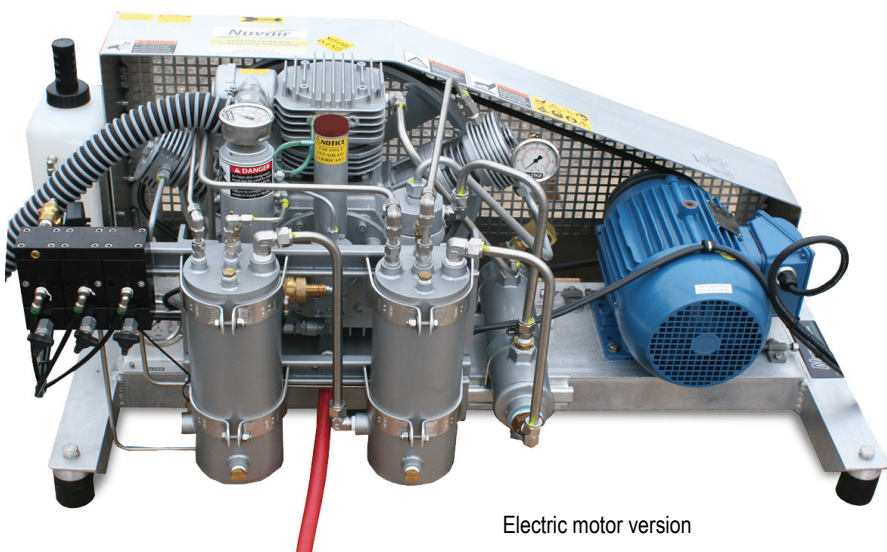


WATER COOLED MCH13 · MCH16 COMPRESSOR

The Nuvair MCH13 · MCH16 water cooled compressor is designed for hot or poorly ventilated areas. It is perfect for engine rooms on liveaboards and other vessels. The compressor uses seawater or freshwater for cooling and is great for use with nitrox or air. Available with electric motor or hydraulic drive. Charging rate up to 11.3 SCFM (320 L/min).

FEATURES

- Cools each stage to within 10°F of water temperature
- 1st stage copper/nickel heat exchanger
- 2nd and 3rd stage stainless steel heat exchangers (water coolers)
- All heat exchangers have zinc anodes to increase life
- Water flow shutdown switch
- High water temperature shutdown
- Rugged 5000 psi three-stage block
- Pressurized oil lubrication
- 3x condensate separators
- Stainless steel tubing
- Marine grade 6061 aluminum frame



Electric motor version

OPTIONS

- Hydraulic drive (8022-HYD)
- PLC controller
- Motor control box
- High purity final filtration
- Pressure switch
- Automatic drains (as shown)
- Interstage pressure gauges (as shown)
- Low oil shutdown switch
- Hour meter
- Visual CO/moisture indicator
- Stainless steel frame



Hydraulic drive version
SKU 8022-HYD

SPECIFICATIONS

	MCH13	MCH16
Fill Time*	~11 minutes	~9 minutes
Charging Rate*	8.4 SCFM (238 L/min)	11.3 SCFM (320 L/min)
CFM FAD	7 CFM (200 L/min)	9.4 CFM (266 L/min)
Motor	Single- or three-phase electric	Single- or three-phase electric
208-230 V / E1 / 60 Hz	24A SKU 8019.1-WC	35A SKU 8022.1-WC
208-230 V / E3 / 60 Hz	14A SKU 8019.2-WC	22A SKU 8022.2-WC
440-460 V / E3 / 60 Hz	7A SKU 8019.3-WC	11A SKU 8022.3-WC
208-230 V / E3 / 50 Hz	14A SKU 8019.5-WC	22A SKU 8022.5-WC
380-400 V / E3 / 50 Hz	9A SKU 8019.6-WC	13A SKU 8022.6-WC
Power	5.5 hp (4 kW)	7.5 hp (5.5 kW)
Max Operating Pressure	5000 psi (345 bar)	
Dimensions (L × W × H)	45 × 21 × 31 in (114 × 53.3 × 78.8 cm)	
Weight	297 lb (134.7 kg)	

*Based on 80 cu ft cylinder at 500 to 3000 psi.