

The Nuvair Compact EVO E1 series of single-phase (E1) compressors include a semi-soundproofed cabinet, interstage pressure gauges, high temperature and low oil shutdown switches. The compressor switches off automatically when the user-defined pressure level is reached. Condensate is discharged automatically. External access simplifies oil level monitoring and changes. Rubber supports reduce vibration by insulating the motor and pumping unit from the frame.

FEATURES

- Magnetic starter with thermal overload protection
- Automatic condensate drains with collector
- Dial-a-pressure switch
- (2) high-pressure filling hoses with on/off valve and bleed for scuba
- Hour meter
- External oil sight gauge
- Grade E filtration
- Automatic stop
- Stainless steel intercoolers
- Interstage pressure gauges
- Shutdown switches: emergency, high temperature, and low oil

OPTIONS

- Carbon Monoxide (CO Pro) analyzer
- Visual CO/moisture indicator
- Moisture (H2O Pro) analyzer
- Filtration upgrade
- 6000 psi (414 bar) upgrade
- Pressure lubricated block for tropical locations



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-phase electric 5.5 hp (4 kW)	Single-phase electric 7.5 hp (5.5 kW)
208-230V / E1 / 60Hz	25.2A SKU 8031.1EVO	38.5A SKU 8033.1-EVO
208-230V / E3 / 60Hz	24A SKU 8031.2-EVO	42.2A SKU 8033.2-EVO
Max Operating Pressure	5000 psi (345 bar)	5000 psi (345 bar)
Pumping Unit RPM	1300	1450
Number of Stages	3	3
Number of Fill Hoses	2	2
Condensate Drain	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic
Sound Level @ 3 Meters	74 dB	81 dB
Dimensions (L x W x H)	41.5 x 28.5 x 36.5 in (105 x 72 x 93 cm)	41.5 x 27.75 x 32.5 in (105 x 71 x 83 cm)
Approximate Weight	337 lb (153 kg)	450 lb (204 kg)
Lubrication	Splash lubrication, capacity 1.8 L	
Air Quality	DIN 3188 - CGA Grade E - NFPA 1500 - EN12021	

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