

Nuvair set out to develop a flagship continuous duty commercial high pressure compressor when we came up with open horizontal models. The open horizontal packages are built around a four-stage compressor block and can pump up to 27 SCFM* at 6000 psi when charging cylinders. The compressor block and a WEG TEFC motor are mounted on a stainless steel plate that is placed into a marine grade aluminum frame with belt guard. All packages come with two filters (60,000 cu ft of Grade E filtration), auto condensate drains, loadless start, independent vibration isolators, NEMA 4 motor starter box, enclosed drip pan and four point lifting eyes.

FEATURES

- ✓ Visual CO & moisture indicator
- ✓ 6061 marine grade aluminum frame
- ✓ Start/stop button, phase control (proper rotation) and wrong voltage recognition, hour meter, stage & oil pressure gauges, auto drains
- ✓ Automatic shutdown for pressure, high temperature & low oil
- ✓ Low pressure oil pump, filter & sight gauge
- ✓ Open configuration for easy access & cool running
- ✓ Lifting eyes

OPTIONS

- Stainless steel or steel frame
- Additional filtration
- Electronic moisture monitor
- Powder coating
- Remote fill panel
- Dial-a-pressure shutdown
- CO, CO₂ or O₂ analyzer
- Certified lifting eyes
- Document storage tube



SPECIFICATIONS

	MCH22	MCH30	MCH36
Fill Time**	~5 minutes	~4 minutes	~3 minutes
Charging Rate**	15.8 SCFM (447 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)
CFM FAD	13.2 CFM (374 L/min)	17 CFM (481 L/min)	22.5 CFM (637 L/min)
Motor	Single and three-phase	Three-phase	Three-phase
230 V / E1 / 60 Hz	46A 10 hp (7.5 kW) SKU: 8046.1-HZ*	N/A	N/A
208/230 V / E3 / 60 Hz	28A 10 hp (7.5 kW) SKU: 8046.2-HZ*	31A 15 hp (11 kW) SKU: 8050.2*	48A 20 hp (15 kW) SKU: 8049.2*
400 V / E3 / 50 Hz	17A 10 hp (7.5 kW) SKU: 8046.6-HZ	18A 15 hp (11 kW) SKU: 8050.6	29A 20 hp (15 kW) SKU: 8049.6
460 V / E3 / 60 Hz	17A 10 hp (7.5 kW) SKU: 8046.3-HZ	16A 15 hp (11 kW) SKU: 8050.3	25A 20 hp (15 kW) SKU: 8049.3
Max Operating Pressure	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)
RPM	880	1100	1300
Number of Stages	4	4	4
Number of Fill Hoses	4	4	4
Condensate Drain	Automatic	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic	Automatic
Sound Level @ 3 Meters	75 dB	76 dB	77 dB
Dimensions (L x W x H)	56.75 x 30 x 41 in (145 x 76 x 104 cm)	56.75 x 30 x 41 in (145 x 76 x 104 cm)	56.75 x 30 x 41 in (145 x 76 x 104 cm)
Weight	690 lb (312 kg)	691 lb (313 kg)	830 lb (377 kg)
Lubrication	Pressure lubrication, capacity 4 L		
Air Quality	DIN 3188 – CGA Grade E – NFPA 1500 – EN12021		

*Contact a salesperson for information on 50 Hz compressors not listed. **Based on 80 cu ft cylinder from 500 to 3000 psi.