

Rated for continuous duty use at 6000 psi (414 bar), our Open Vertical line of compressors are designed for use in hot and humid conditions. The four-stage compressor block delivers a charging rate up to 32 SCFM (906 L/min). Purchase, maintenance and operation costs are significantly lower than similar sized compressors in the marketplace. Available in four models: MCH22, MCH30, MCH36, and MCH40.

FEATURES

- Open configuration for easy access and cool running
- Dial-a-Pressure auto shutdown
- Soft start (star delta) electric switchboard with hour meter and emergency stop button
- Automatic condensate drains and condensate test button
- Phase controller (reverse rotation) recognition
- Automatic shutdown for high temperature and low oil
- Stage and lubricant oil pressure gauges
- 60,000 cu ft dual filtration (CGA Grade E)
- Four (4) fill whips

OPTIONS

- Visual carbon monoxide (CO) and moisture indicator
- Audible & visual CO & high temp alarm with shutdown
- Nuvair Pro CO (carbon monoxide) analyzer
- Nuvair Pro H₂O (moisture) monitor
- 7000 psi (482 bar) upgrade



SPECIFICATIONS

	MCH22	MCH30	MCH36	MCH45
Fill Time*	~ 5 minutes	~ 4 minutes	~ 3 minutes	~ 2.5 minutes
Charging Rate*	15.5 SCFM (439 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)	32 SCFM (906 L/min)
CFM FAD	12.9 CFM (365 L/min)	17 CFM (481 L/min)	22.5 CFM (637 L/min)	26.5 CFM (750 L/min)
Motor	Single and three-phase	Three-phase	Three-phase	Three-phase
208-230V / E1 / 60Hz**	46A 10 hp/7.5 kW • 8051.1	N/A	N/A	N/A
208-230V / E3 / 60Hz**	28A 10 hp/7.5 kW • 8051.2	31A 15 hp/11 kW • 8042.2	48A 20 hp/15 kW • 8044.2	48A 24 hp/18 kW • 8055.2
380-415V / E3 / 50Hz	17A 10 hp/7.5 kW • 8051.6	18A 15 hp/11 kW • 8042.6	29A 20 hp/15 kW • 8044.6	29A 24 hp/18 kW • 8055.6
440-480V / E3 / 60Hz	17A 10 hp/7.5 kW • 8051.3	16A 15 hp/11 kW • 8042.3	25A 20 hp/15 kW • 8044.3	25A 24 hp/18 kW • 8055.3
Working Pressure	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)
RPM	880-952	1100	1300	1450
Number of Stages	4	4	4	4
Number of Fill Hoses	4	4	4	4
Condensate Drain	Automatic	Automatic	Automatic	Automatic
Fill Pressure Stop	Automatic	Automatic	Automatic	Automatic
Sound Level @ 3 Meters	78 dB	83 dB	76 dB	76 dB
Dimensions (L×W×H)	31 × 39 × 61 in	31.25 × 41.5 × 61 in	31 × 39 × 61 in	31.9 × 49 × 69 in
Weight	796 lb (361 kg)	900 lb (408 kg)	950 lb (431 kg)	1260 lb (572 kg)
Lubrication	Pressure Lubrication, capacity 4 L			
Air Quality	DIN 3188 – CGA Grade E – NFPA 1500 – EN12021			

*Based on 80 cu ft cylinder from 500 to 3000 psi. **For information on 50 Hz models, contact your sales representative.