

The Open Vertical MCH22, MCH30, MCH36, and MCH45 compressors are designed for high use in hot, humid conditions and are rated for continuous duty use up to 6000 psi (414 bar). Equipped with a four-stage compressor block with 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.

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 auto stop
- Phase controller that prohibits reverse rotation
- Oil level switch / auto shutoff
- Cabinet temperature thermostat / auto shutoff
- Stage and lubricant oil pressure gauges
- 60,000 cu ft dual filtration (Grade E)

OPTIONS

- Phase controller that prohibits reverse rotation
- Oil level switch / auto shutoff
- Cabinet temperature thermostat / auto shutoff



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	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	76 dB	76 dB	76 dB	76 dB
Dimensions (L×W×H)	31 × 39 × 61 in	31.25 × 41.5 × 61 in	31×39×61 in (78×99×155 cm)	31.9×49×69 in
Weight	796 lb (361 kg)	900 lb (415 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.