

High volume facilities where sound may be an issue should consider our Enclosed & Silenced line of compressors that deliver up to 32 SCFM (906 L/min) at 6000 psi (414 bar). Unsurpassed in quality, reliability and price, the Enclosed & Silenced package is designed for high use in work areas where noise cannot be tolerated. Available in four models: MCH22, MCH30, MCH36, and MCH45.

FEATURES

- Enclosed configuration for reduced sound levels
- Dial-a-Pressure automatic 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
- Stainless steel intercoolers with large condensate separators
- 60,000 cu ft dual filtration (CGA Grade E)
- Four (4) fill whips



OPTIONS

- Visual CO / moisture indicator
- High temp alarm with shutdown
- Nuvair Pro CO analyzer
- Nuvair Pro H₂O monitor
- Filtration upgrade to 90,000 cu ft
- Refrigerated air dryer (as illustrated)
- 7000 psi (482 bar) upgrade

SPECIFICATIONS

	MCH22	MCH30	MCH36	MCH45
Fill Time**	~ 5 minutes	~ 4 minutes	~ 3 minutes	~ 2.5 minutes
Charging Rate**	15.8 SCFM (447 L/min)	20.4 SCFM (577 L/min)	27 SCFM (764 L/min)	32 SCFM (906 L/min)
CFM FAD	13.2 CFM (374 L/min)	17 CFM (481 L/min)	22.5 (637 L/min)	26.5 (750 L/min)
Motor	Single and three-phase	Three-phase	Three-phase	Three-phase
208-230V / E1 / 60Hz	46A 10 hp/7.5 kW SKU 8052.1	N/A	N/A	N/A
208-230V / E3 / 60Hz	28A 10 hp/7.5 kW SKU 8052.2*	31A 15 hp/11 kW SKU 8043.2*	48A 20 hp/15 kW SKU 8045.2*	53.7A 20 hp/15 kW SKU 8056.2*
380-415V / E3 / 50Hz	17A 10 hp/7.5 kW SKU 8052.6	18A 15 hp/11 kW SKU 8043.6	29A 20 hp/15 kW SKU 8045.6	31A 20 hp/15 kW SKU 8056.6
440-480V / E3 / 60Hz	17A 10 hp/7.5 kW SKU 8052.3*	16A 15 hp/11 kW SKU 8043.3*	25A 20 hp/15 kW SKU 8045.3*	28.5 20 hp/15 kW SKU 8056.3*
Working Pressure	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)	6000 psi (414 bar)
RPM	880	1100	1300	1300
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	70 dB	70 dB	70 dB	70 dB
Dimensions (L x W x H)	31.9 x 49 x 69 in	31.9 x 49 x 69 in	31.9 x 49 x 69 in	31.9 x 49 x 69 in
Weight	926 lb (420 kg)	1126 lb (511 kg)	1210 lb (549 kg)	1210 lb (549 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.